

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135050.D
 Acq On : 31 Aug 2023 19:54
 Operator : CG\JU
 Sample : 04189-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(16-18)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135050.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.834	111	127	135	rBV2	95428	229964	1.70%	0.121%
2	3.651	257	266	275	rVB	61350	139768	1.03%	0.073%
3	4.075	328	338	342	rBV	605732	923477	6.84%	0.485%
4	4.122	342	346	351	rVV	292630	381686	2.83%	0.200%
5	4.222	354	363	367	rBV2	197748	313184	2.32%	0.164%
6	4.275	367	372	378	rVB2	195918	329380	2.44%	0.173%
7	4.416	390	396	403	rVB2	606515	874421	6.47%	0.459%
8	4.516	405	413	419	rBV	359765	458668	3.40%	0.241%
9	4.610	426	429	435	rVB2	128721	158146	1.17%	0.083%
10	4.675	435	440	444	rBV2	241552	315352	2.33%	0.166%
11	4.722	444	448	452	rBV	477739	526649	3.90%	0.276%
12	4.834	458	467	471	rBV	1266078	1662957	12.31%	0.873%
13	4.928	471	483	489	rBV4	1932766	4536546	33.58%	2.381%
14	4.987	489	493	497	rBV	2269673	2460170	18.21%	1.291%
15	5.034	497	501	502	rVV2	371497	468136	3.47%	0.246%
16	5.051	502	504	507	rVB2	468600	425495	3.15%	0.223%
17	5.116	512	515	521	rVB2	464897	495946	3.67%	0.260%
18	5.187	523	527	530	rBV	3130808	3662782	27.12%	1.923%
19	5.228	530	534	537	rVB2	580583	913366	6.76%	0.479%
20	5.275	539	542	546	rVB	532439	504319	3.73%	0.265%
21	5.316	546	549	550	rBV	171281	162978	1.21%	0.086%
22	5.351	550	555	556	rBV	736434	778692	5.76%	0.409%
23	5.369	556	558	560	rVV3	537374	625444	4.63%	0.328%
24	5.398	560	563	566	rVB	2283014	2026087	15.00%	1.064%
25	5.469	572	575	578	rBV	943975	956505	7.08%	0.502%
26	5.516	580	583	585	rVB	287018	253380	1.88%	0.133%
27	5.551	585	589	593	rBV3	2163328	3134905	23.21%	1.646%
28	5.598	593	597	600	rVV	3196617	3444891	25.50%	1.808%
29	5.639	600	604	612	rVB2	2447263	3711100	27.47%	1.948%
30	5.704	612	615	619	rBV	771760	801511	5.93%	0.421%
31	5.804	625	632	636	rBV2	3175848	5546214	41.06%	2.911%
32	5.857	636	641	644	rBV2	1847205	3196773	23.67%	1.678%
33	5.939	649	655	660	rVB2	4319123	6303644	46.67%	3.309%
34	5.992	660	664	668	rBV2	1332860	2516451	18.63%	1.321%
35	6.045	668	673	679	rBV3	6252911	12031171	89.07%	6.316%
36	6.098	679	682	685	rVB2	3083900	3278843	24.27%	1.721%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.128	685	687	690	rVB3	885829	975845	7.22%	0.512%
38	6.157	690	692	694	rVB	800569	581475	4.30%	0.305%
39	6.175	694	695	699	rVB2	1360363	1031639	7.64%	0.542%
40	6.228	699	704	712	rBV4	4439153	11148651	82.54%	5.852%

41	6.286	712	714	716	rBV	736075	592177	4.38%	0.311%
42	6.322	716	720	729	rVB3	3473719	8300738	61.45%	4.357%
43	6.410	729	735	737	rBV2	2432724	3480017	25.76%	1.827%
44	6.439	737	740	741	rBV	1296161	1295829	9.59%	0.680%
45	6.457	741	743	746	rVB	1568216	1415529	10.48%	0.743%

46	6.486	746	748	751	rVB2	1169790	1006821	7.45%	0.529%
47	6.539	751	757	761	rBV5	3378219	8764219	64.88%	4.601%
48	6.645	769	775	778	rBV4	2093669	3507008	25.96%	1.841%
49	6.745	785	792	795	rBV3	2389767	6071334	44.95%	3.187%
50	7.198	864	869	880	rVB5	2542097	7298431	54.03%	3.831%

51	7.345	887	894	906	rBV6	3043827	13507729	100.00%	7.091%
52	9.963	1336	1339	1343	rVB3	1918640	2556600	18.93%	1.342%
53	10.004	1344	1346	1349	rVV4	1156683	1472716	10.90%	0.773%
54	10.051	1351	1354	1359	rVV2	2040398	3365995	24.92%	1.767%
55	10.104	1360	1363	1371	rVB6	3196166	5346673	39.58%	2.807%

56	10.174	1371	1375	1377	rBV	2077613	2537481	18.79%	1.332%
57	10.263	1386	1390	1394	rBV5	1775740	2692875	19.94%	1.414%
58	10.304	1394	1397	1399	rBV3	892929	864086	6.40%	0.454%
59	10.386	1409	1411	1424	rVB8	1470339	3066967	22.71%	1.610%
60	10.498	1426	1430	1433	rVB	3555819	4348322	32.19%	2.283%

61	10.539	1434	1437	1442	rVB3	1167349	1668230	12.35%	0.876%
62	10.604	1446	1448	1450	rVV2	817923	565182	4.18%	0.297%
63	10.627	1450	1452	1454	rVB	853999	620761	4.60%	0.326%
64	10.698	1462	1464	1469	rBV4	432843	583424	4.32%	0.306%
65	10.757	1469	1474	1480	rVB2	4543147	6249903	46.27%	3.281%

66	10.957	1505	1508	1514	rVB4	990922	1169801	8.66%	0.614%
67	11.216	1548	1552	1559	rVB2	2433139	2804647	20.76%	1.472%
68	11.316	1566	1569	1571	rBV	834398	833051	6.17%	0.437%
69	11.339	1571	1573	1576	rVB	588183	515573	3.82%	0.271%
70	11.563	1609	1611	1616	rVB2	618520	810541	6.00%	0.425%

71	11.604	1616	1618	1621	rVB2	361025	331239	2.45%	0.174%
72	11.645	1622	1625	1631	rVB4	381227	631359	4.67%	0.331%
73	11.710	1633	1636	1638	rVB	809988	708820	5.25%	0.372%
74	11.804	1649	1652	1656	rBV2	505617	726958	5.38%	0.382%
75	11.845	1656	1659	1661	rBV	574315	533647	3.95%	0.280%

76	11.898	1665	1668	1671	rBV2	855531	932442	6.90%	0.489%
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 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.004	1682	1686	1692	rBV3	635067	1002845	7.42%	0.526%
78	12.051	1692	1694	1696	rBV3	237984	246098	1.82%	0.129%
79	12.151	1708	1711	1712	rBV2	262707	259191	1.92%	0.136%
80	12.168	1712	1714	1723	rVB6	534995	724859	5.37%	0.381%
81	12.292	1733	1735	1740	rVB3	278606	336310	2.49%	0.177%
82	12.339	1740	1743	1745	rVV	697950	680064	5.03%	0.357%
83	12.363	1745	1747	1750	rVB	321860	297696	2.20%	0.156%
84	12.621	1789	1791	1794	rBV2	174663	183719	1.36%	0.096%
85	12.815	1821	1824	1830	rVB2	129963	172390	1.28%	0.090%
86	12.868	1830	1833	1835	rBV	381003	349929	2.59%	0.184%
87	12.898	1835	1838	1841	rVB	1414670	1364199	10.10%	0.716%
88	13.957	2014	2018	2027	rVB	520751	526659	3.90%	0.276%
89	14.727	2145	2149	2160	rBV	240908	305960	2.27%	0.161%
90	15.421	2262	2267	2274	rBV	485780	581840	4.31%	0.305%

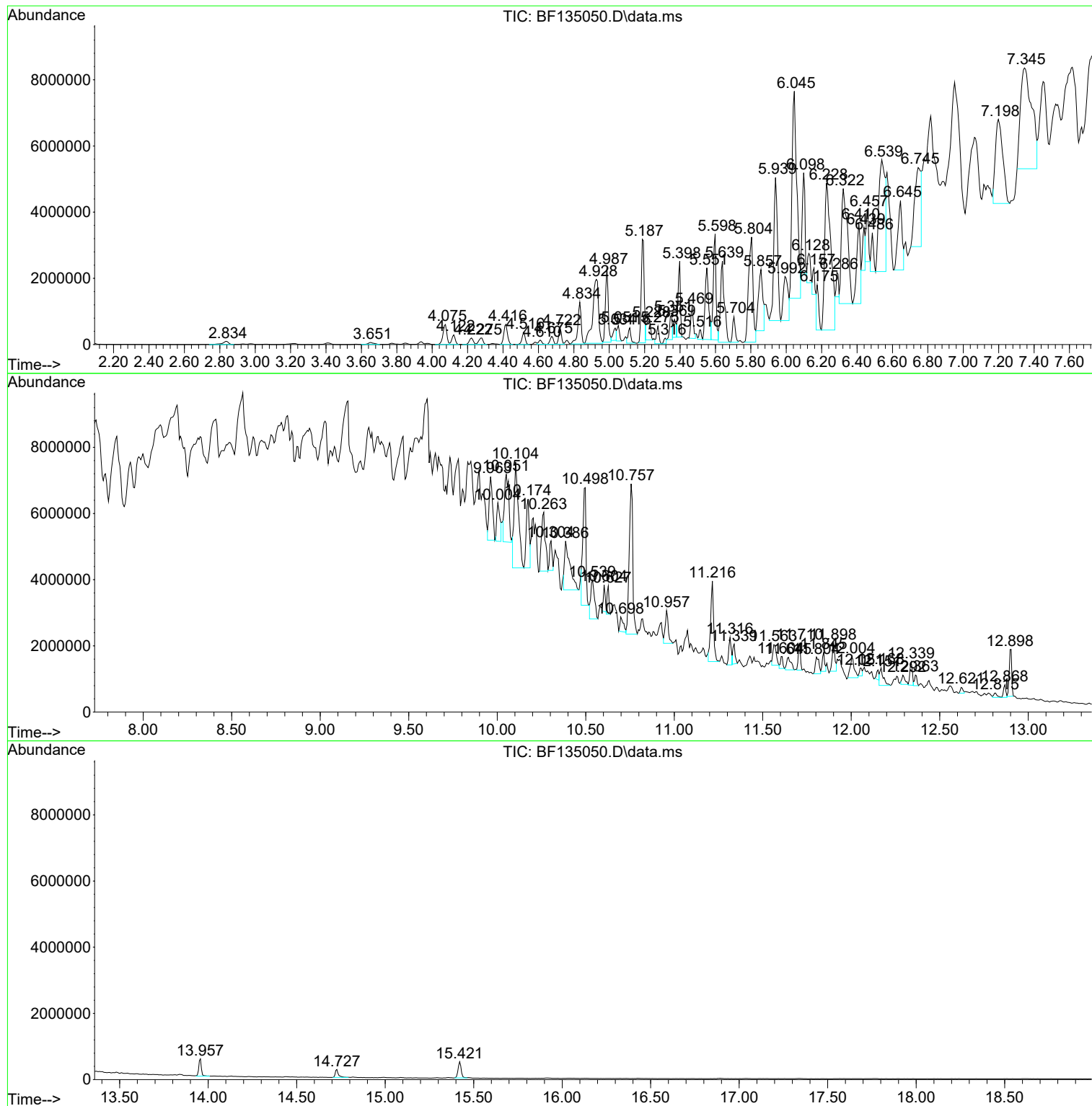
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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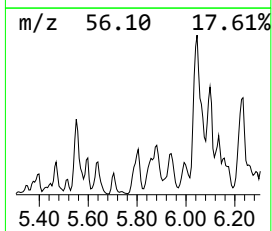
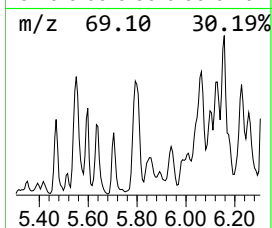
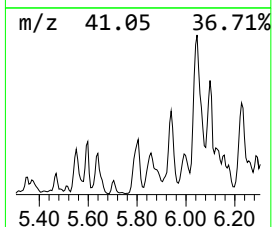
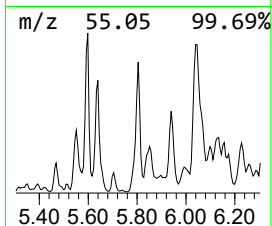
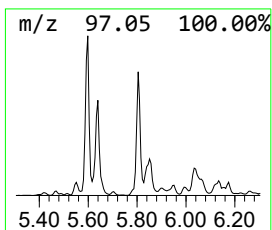
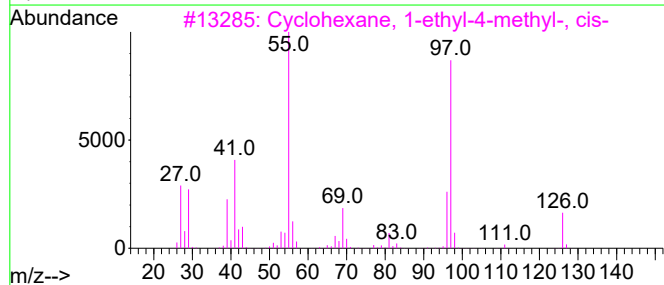
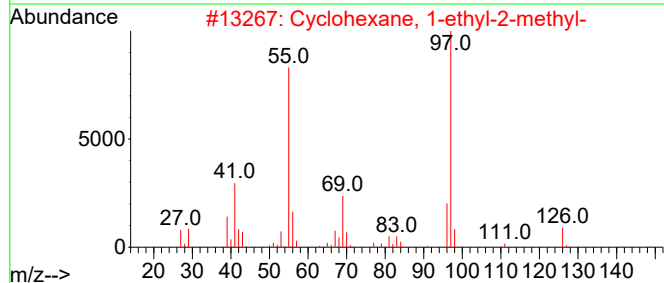
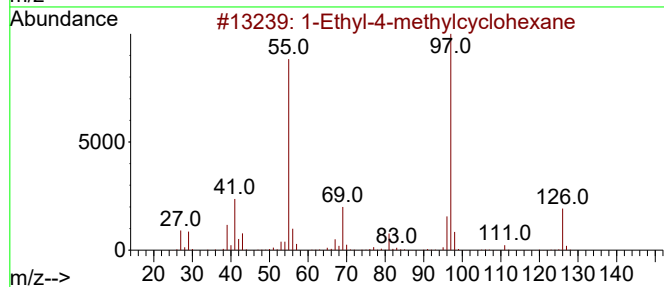
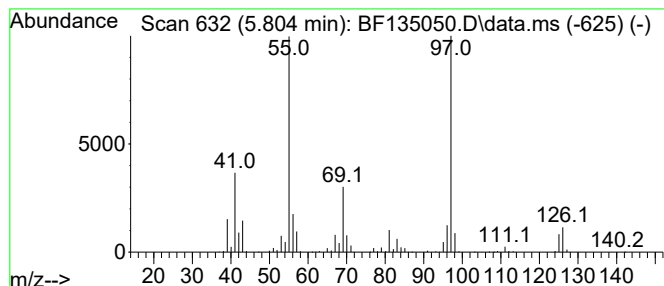
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Ethyl-4-methylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.804	18.27 ng	5546210	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	86
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	81
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	74
5			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72



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Misc :
ALS Vial : 7 Sample Multiplier: 1

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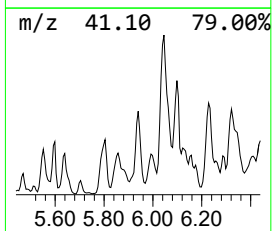
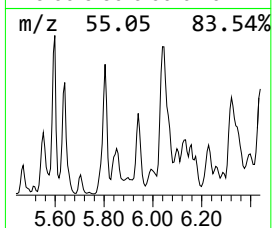
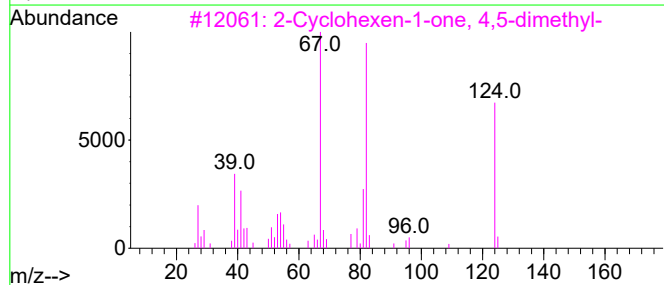
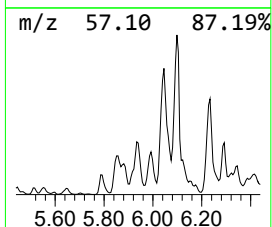
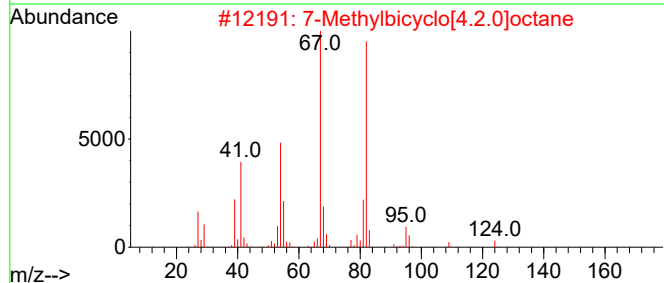
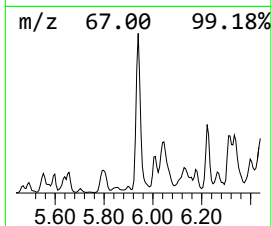
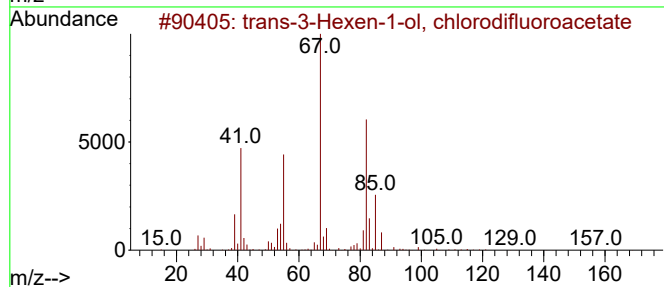
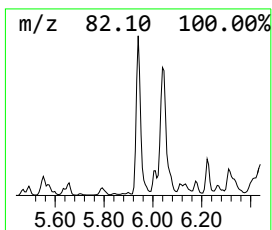
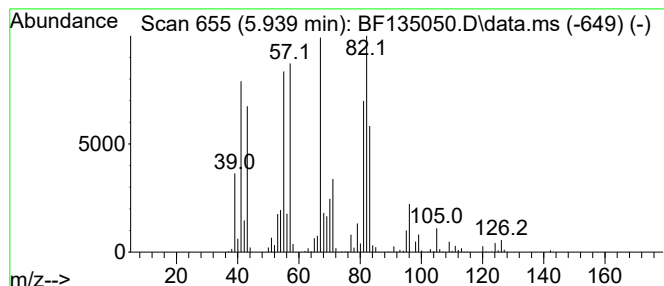
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.939 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.939	20.77 ng	6303640	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-3-Hexen-1-ol, chlorodifluo...	212	C8H11ClF2O2	1000447-24-0	47
2			7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	46
3			2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	46
4			2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43
5			2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	43



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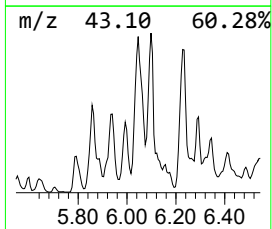
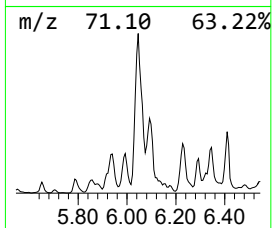
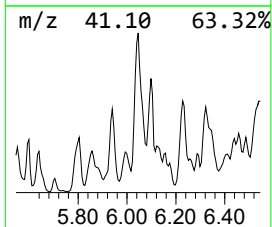
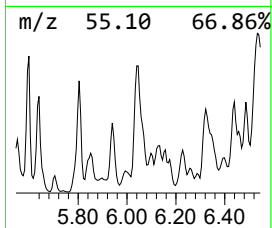
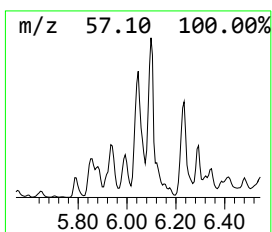
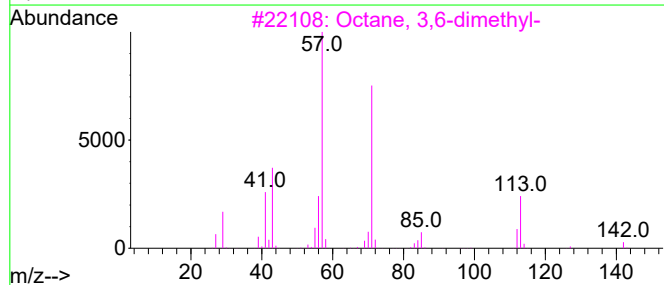
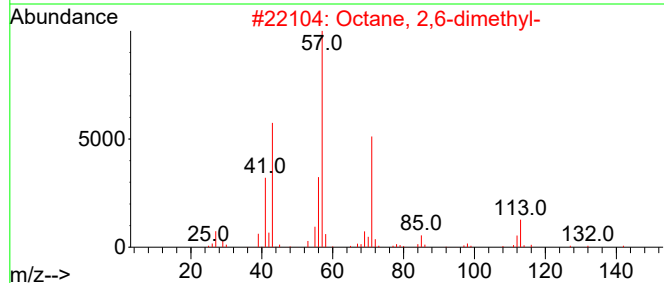
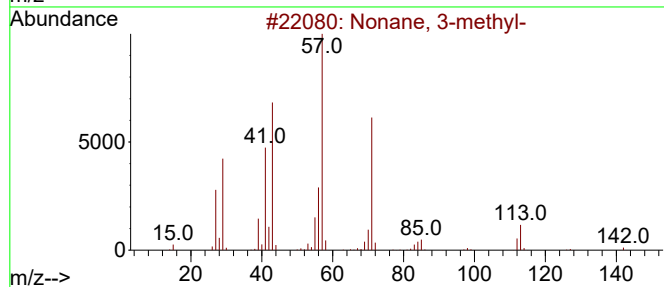
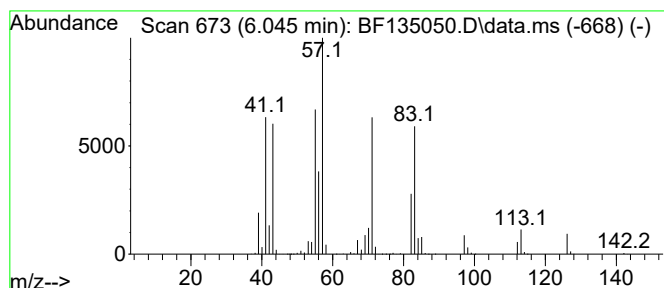
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.045 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.045	39.63 ng	12031200	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4			Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	43
5			Decane, 3-methyl-	156	C11H24	013151-34-3	38



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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
SB-06(16-18)

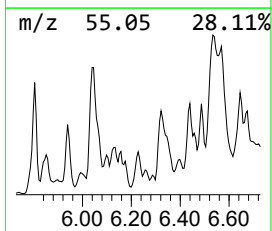
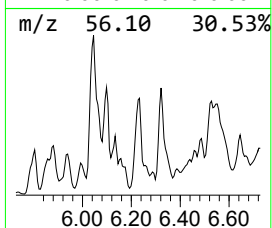
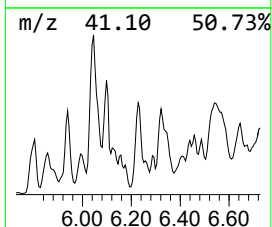
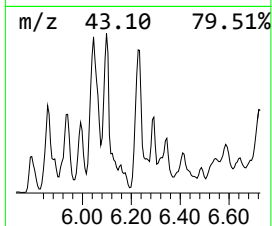
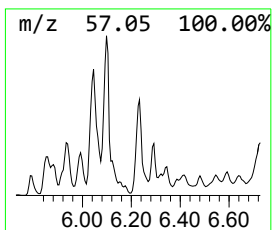
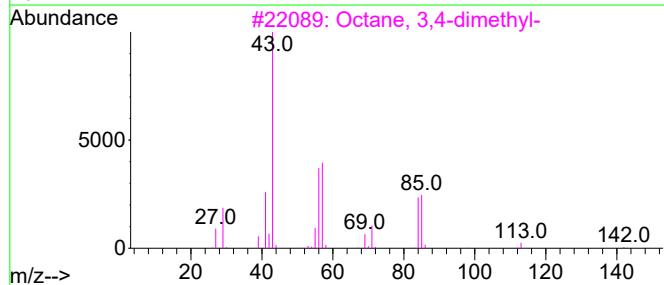
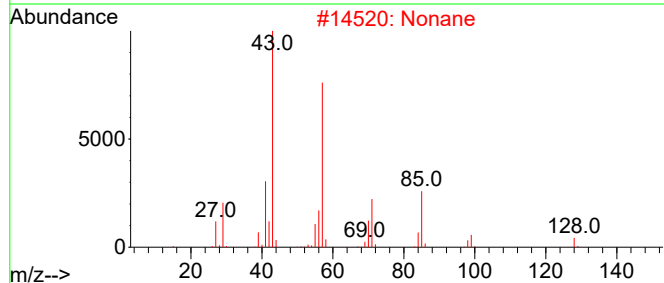
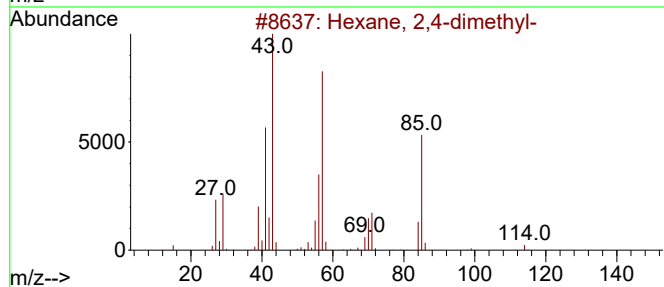
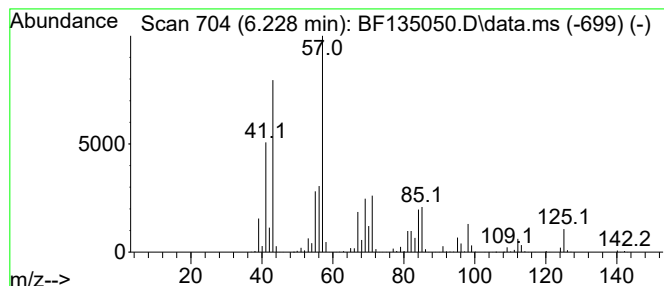
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.228 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.228	36.73 ng	11148700	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	46
2	Nonane			128	C9H20	000111-84-2	46
3	Octane, 3,4-dimethyl-			142	C10H22	015869-92-8	43
4	Tridecane, 6-methyl-			198	C14H30	013287-21-3	43
5	Octane, 4-ethyl-			142	C10H22	015869-86-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
Sample : 04189-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)

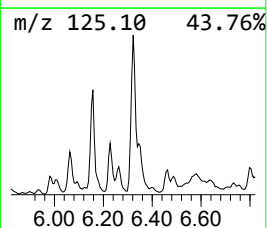
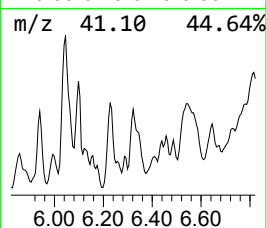
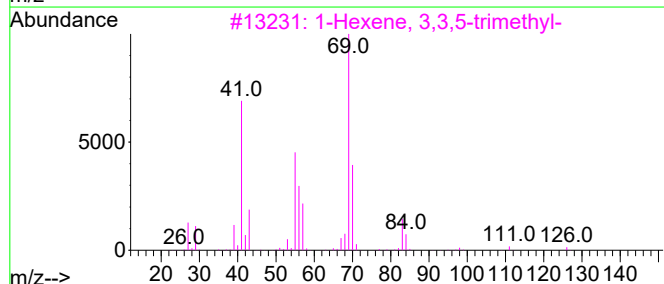
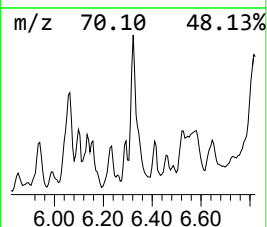
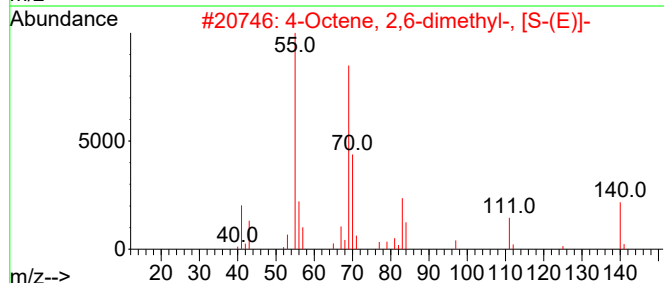
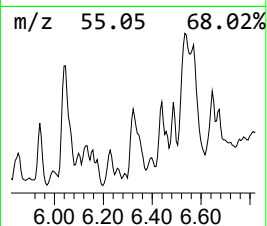
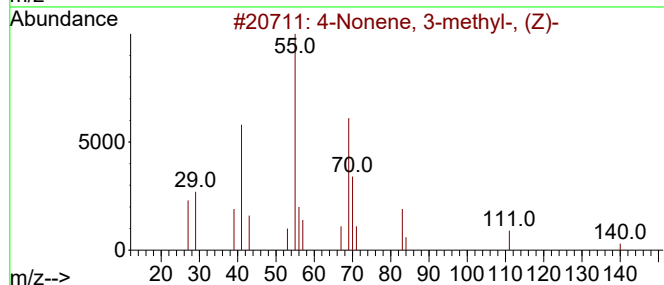
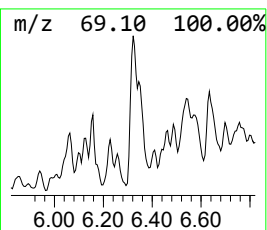
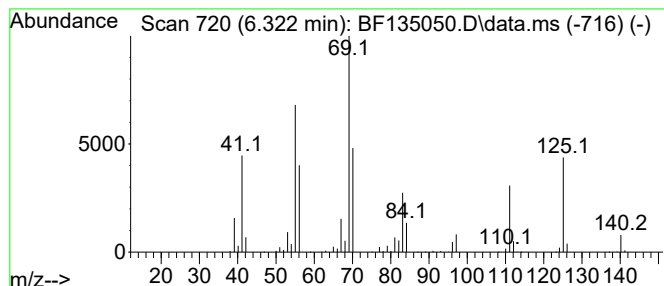
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4-Nonene, 3-methyl-, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.322	27.34 ng	8300740	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	59
2			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
3			1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	53
4			4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	52
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
Sample : 04189-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-06(16-18)

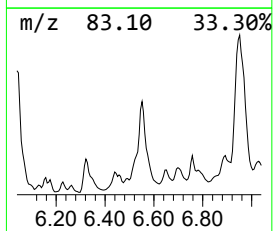
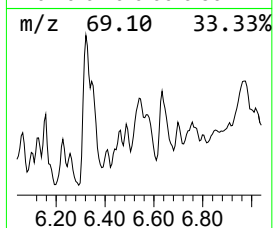
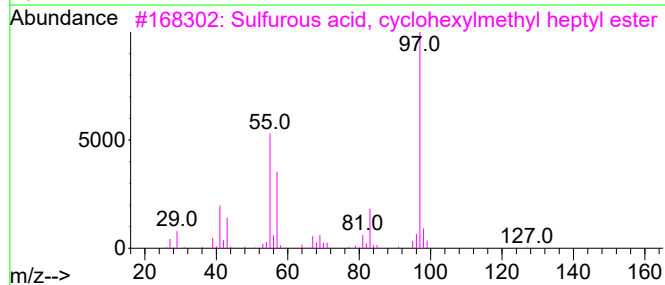
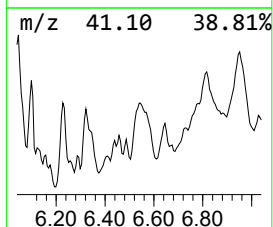
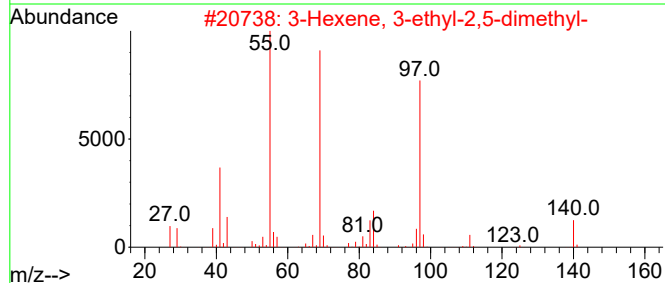
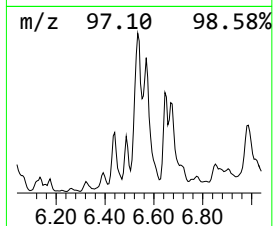
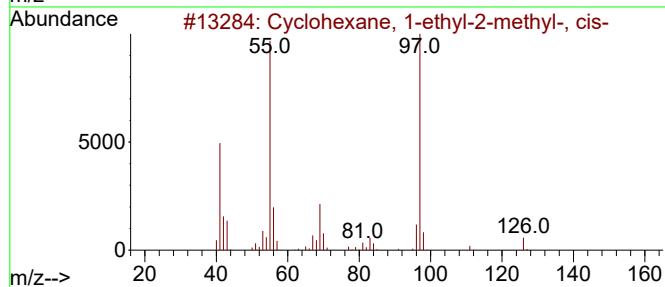
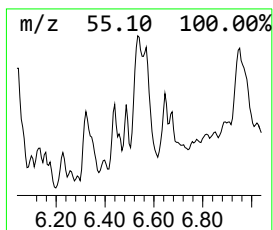
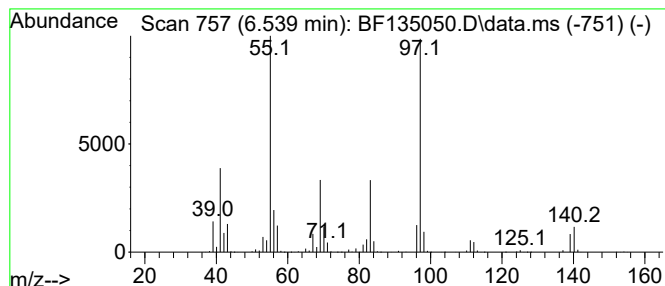
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.539	28.87 ng	8764220	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
2			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	64
3			Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	59
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
Sample : 04189-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)

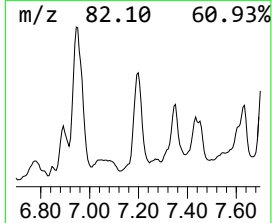
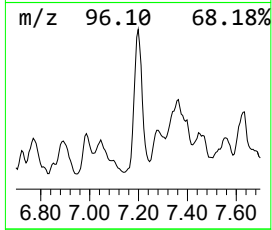
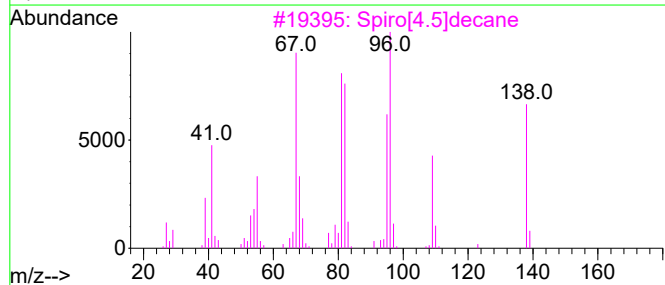
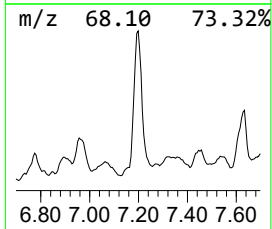
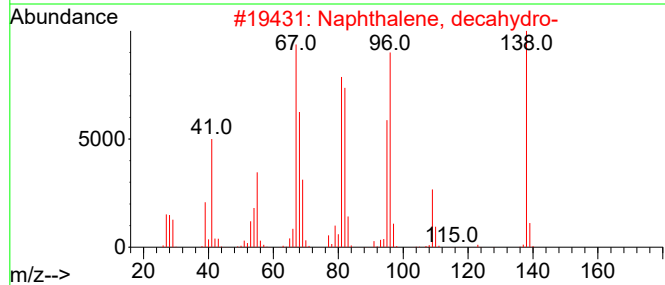
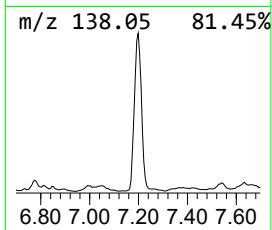
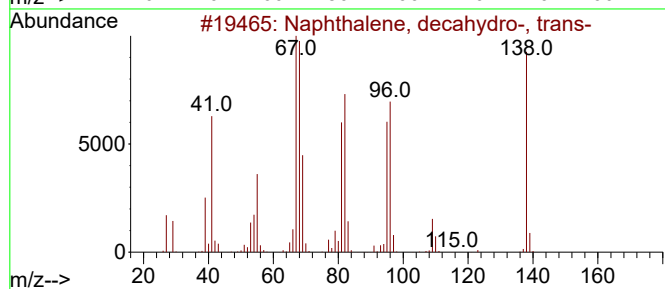
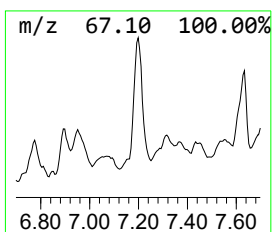
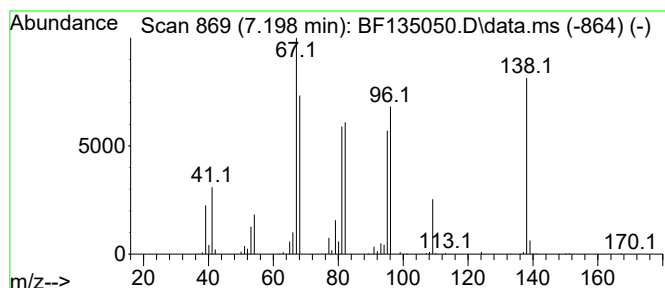
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.198	24.04 ng	7298430	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3			Spiro[4.5]decane	138	C10H18	000176-63-6	68
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
5			(Z)-Dec-4-en-1-yl 2-methylbutanoate	240	C15H28O2	1000372-72-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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Acq On : 31 Aug 2023 19:54
Operator : CG\JU
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Misc :
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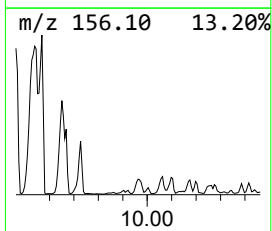
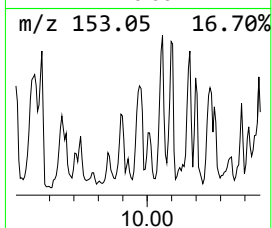
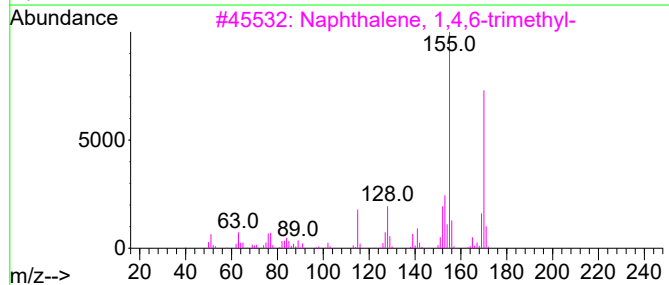
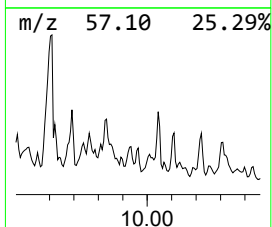
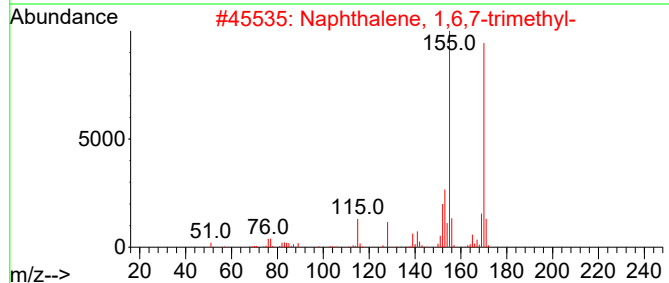
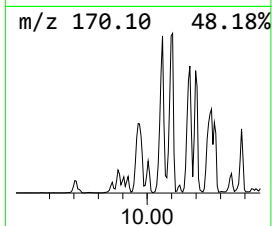
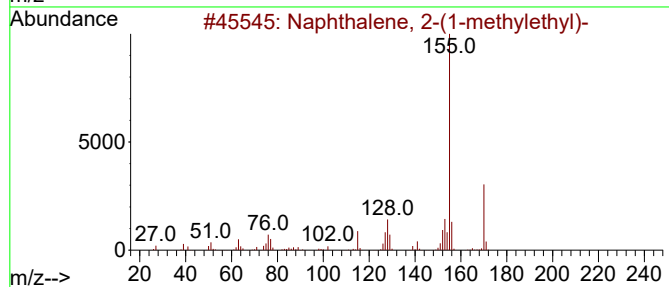
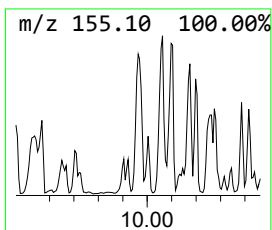
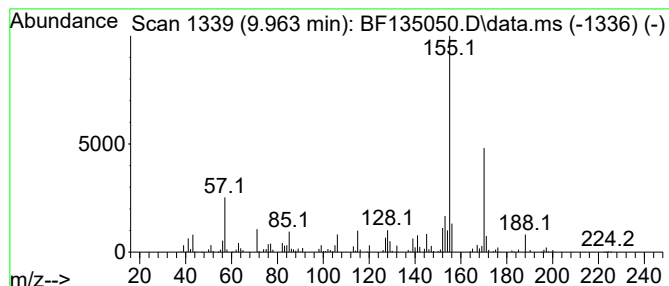
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SB-06(16-18)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.963	20.00 ng	2556600	Acenaphthene-d10	9.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	68
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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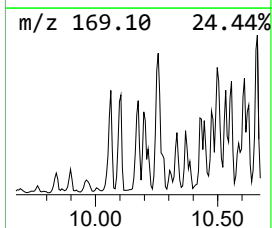
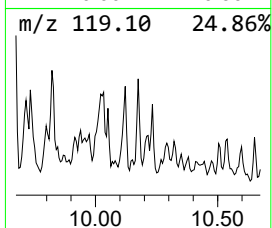
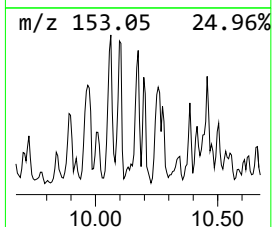
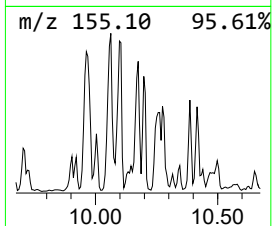
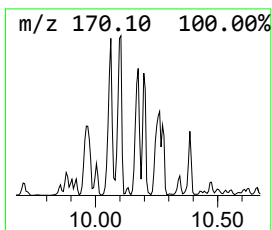
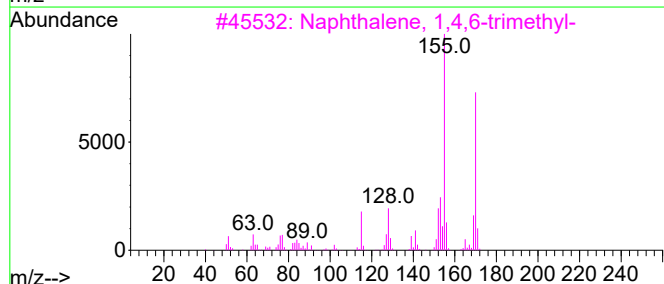
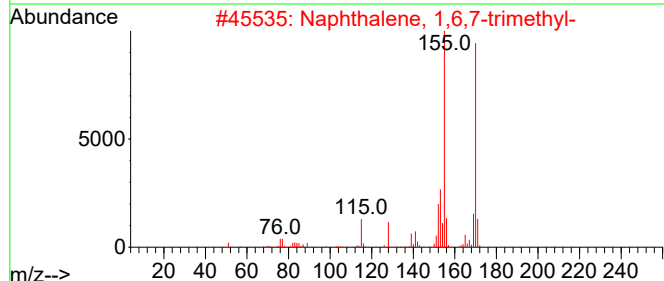
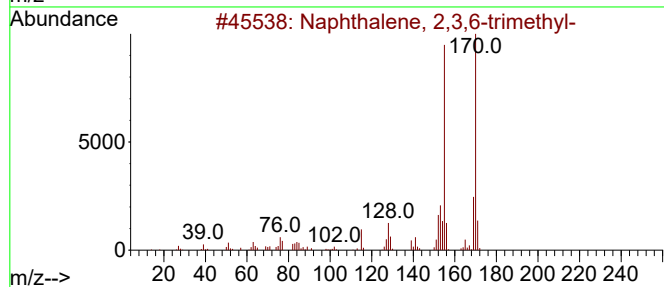
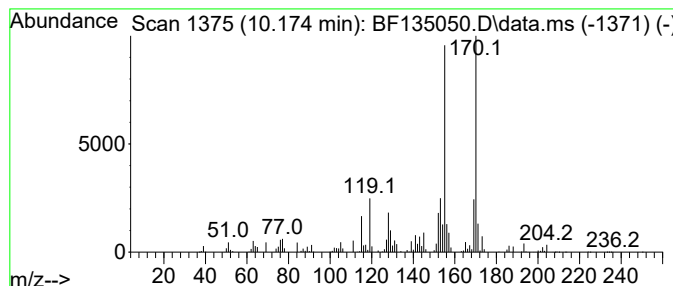
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.175	19.85 ng	2537480	Acenaphthene-d10	9.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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ALS Vial : 7 Sample Multiplier: 1

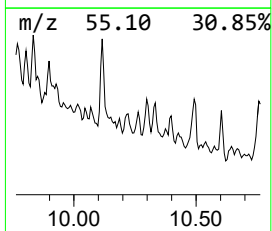
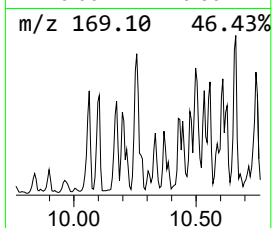
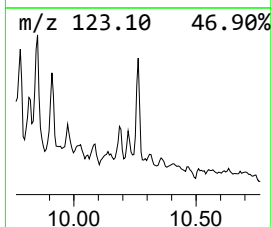
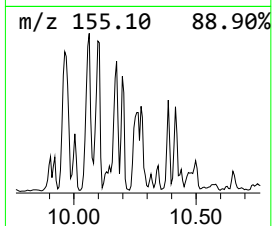
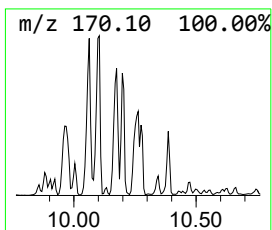
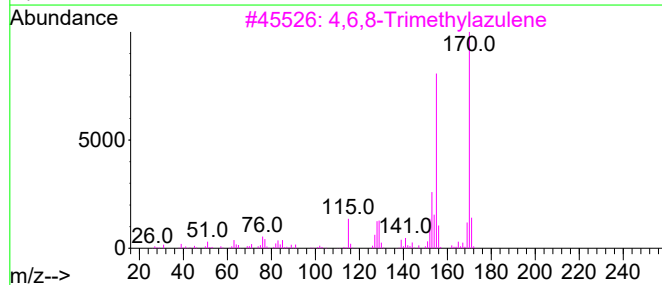
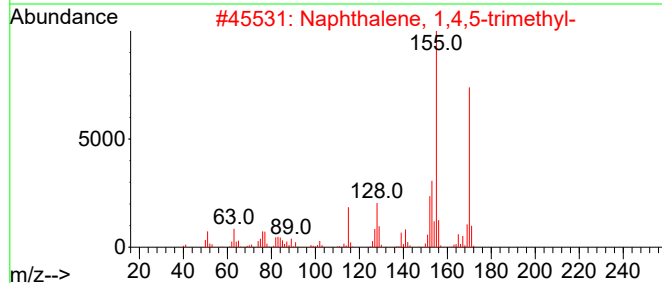
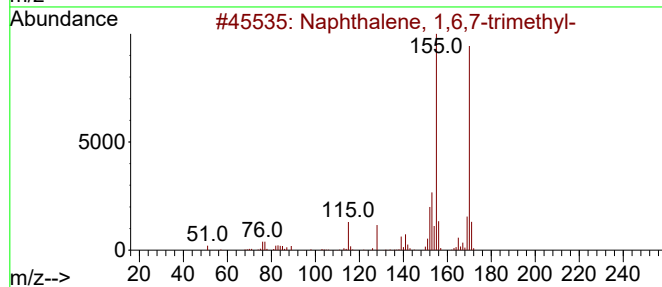
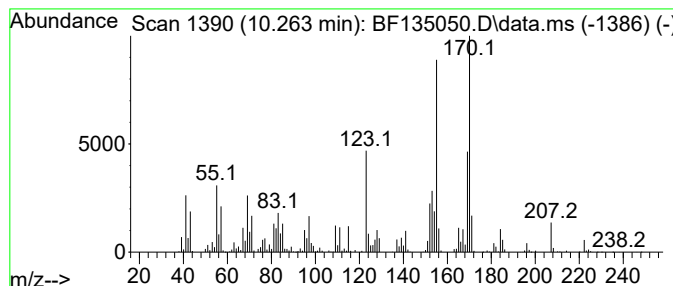
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.263	21.07 ng	2692880	Acenaphthene-d10	9.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
Sample : 04189-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

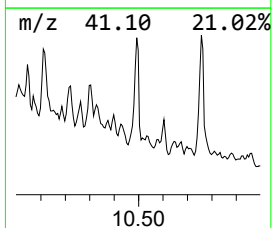
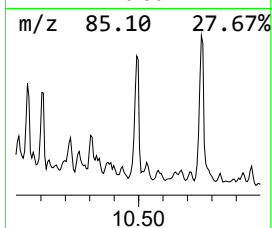
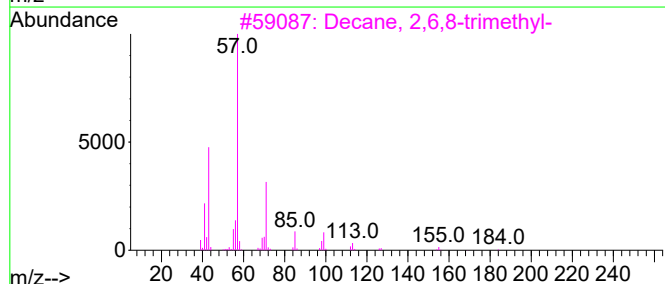
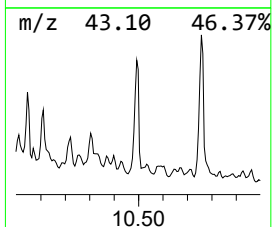
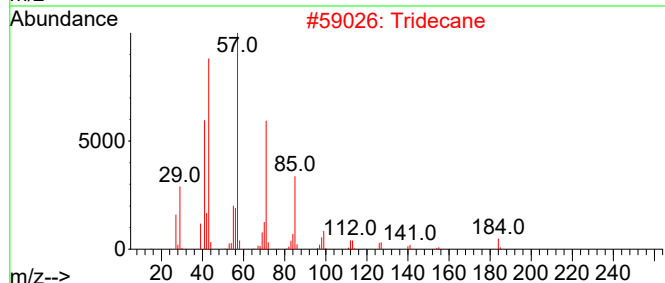
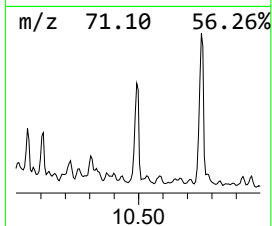
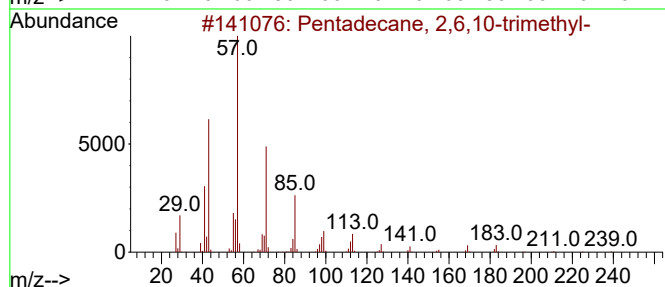
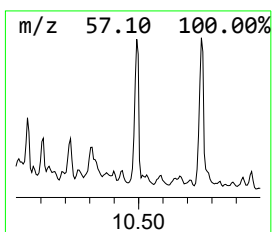
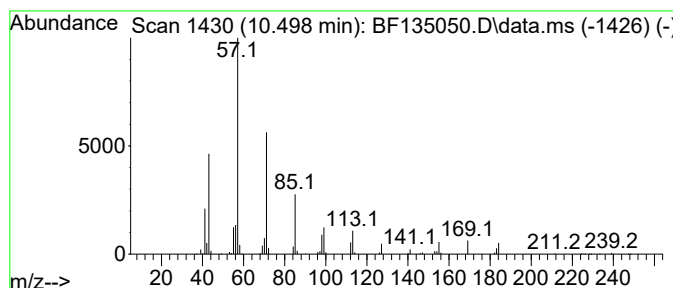
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ClientSampleId :
SB-06(16-18)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.498	34.02 ng	4348320	Acenaphthene-d10	9.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Tridecane	184	C13H28	000629-50-5	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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Operator : CG\JU
Sample : 04189-02
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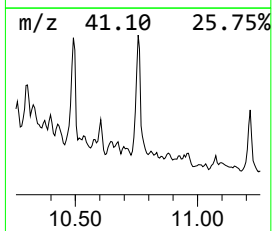
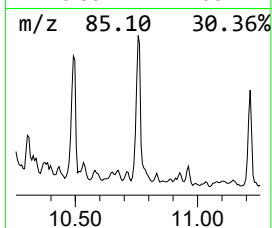
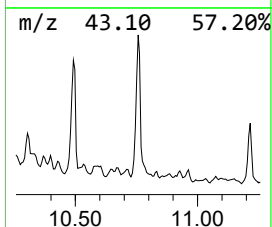
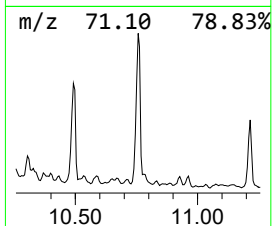
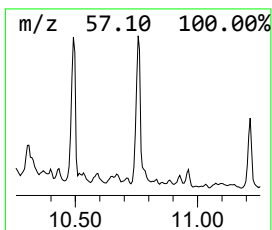
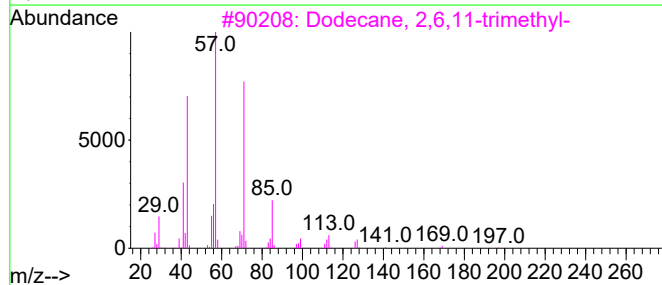
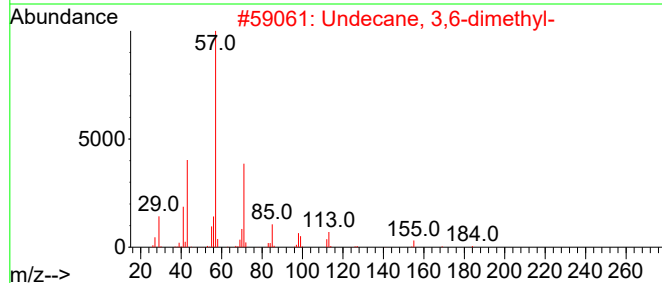
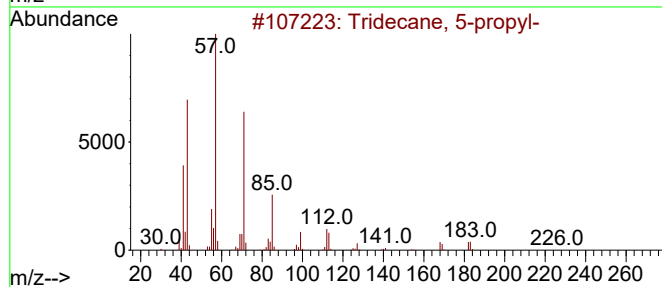
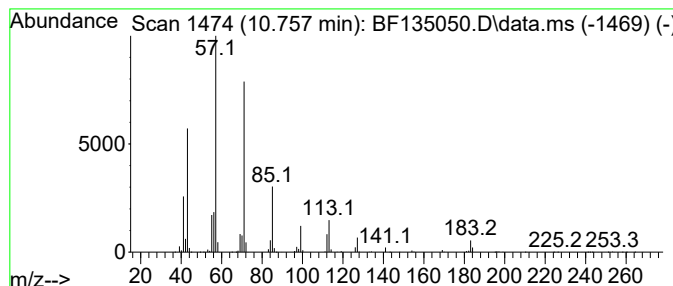
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.757	150.05 ng	6249900	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	90
2	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	81
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	78
4	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	64
5	Dodecane		170	C12H26	000112-40-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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Sample : 04189-02
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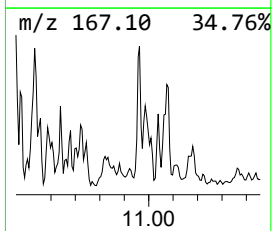
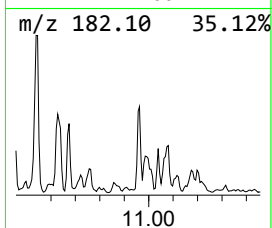
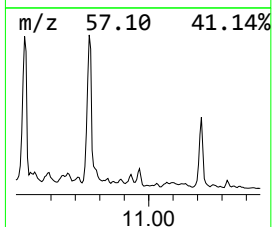
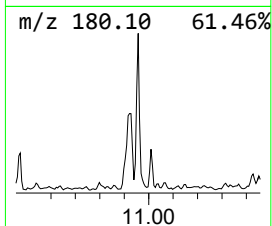
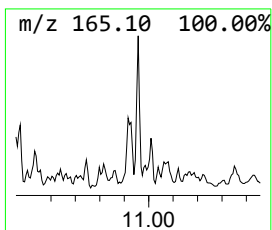
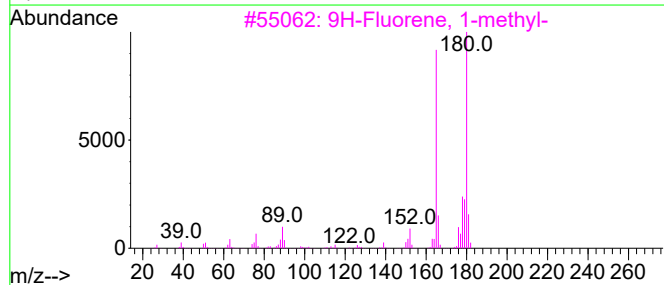
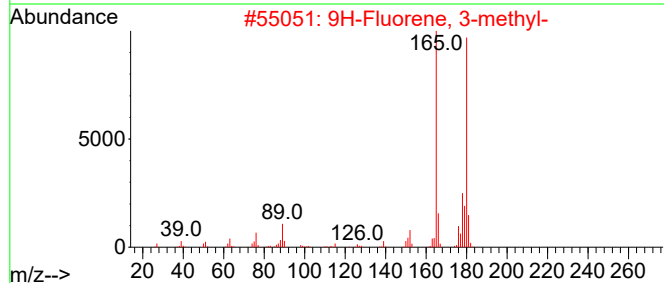
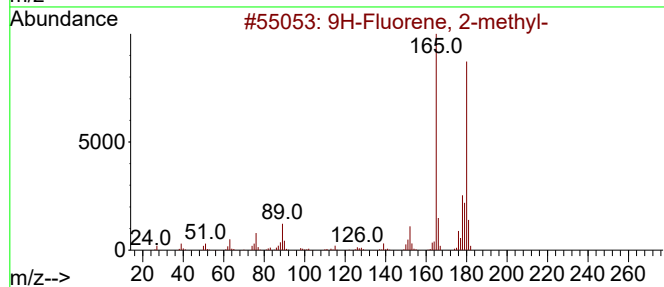
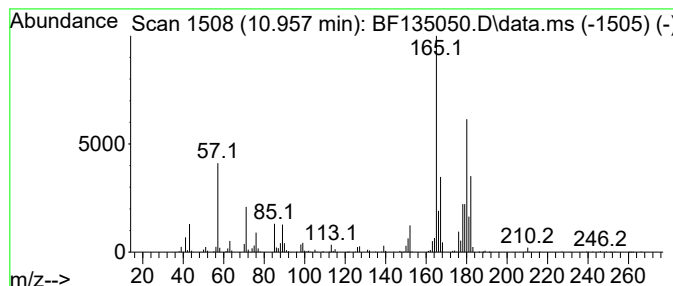
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SB-06(16-18)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 9H-Fluorene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.957	28.08 ng	1169800	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	91
2	9H-Fluorene, 3-methyl-		180	C14H12	002523-39-9	70
3	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	60
4	9H-Fluorene, 9-methyl-		180	C14H12	002523-37-7	53
5	p-Cresol, TMS derivative		180	C10H16OSi	017902-32-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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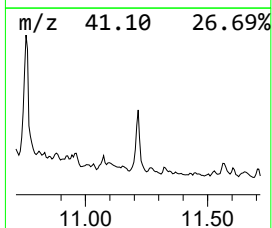
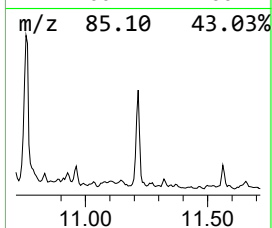
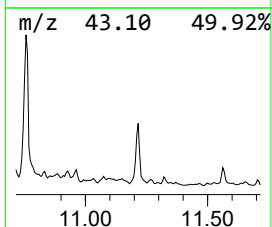
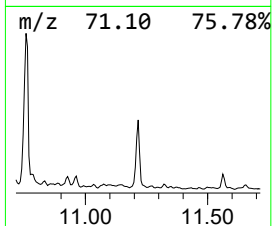
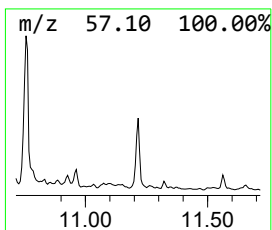
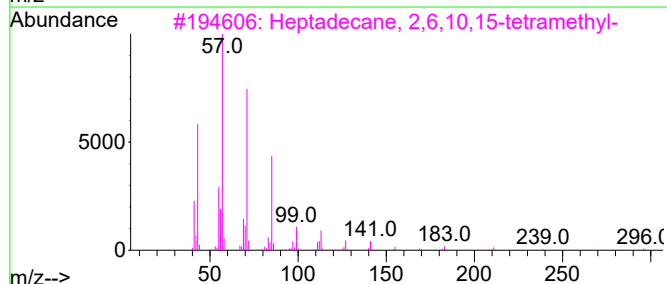
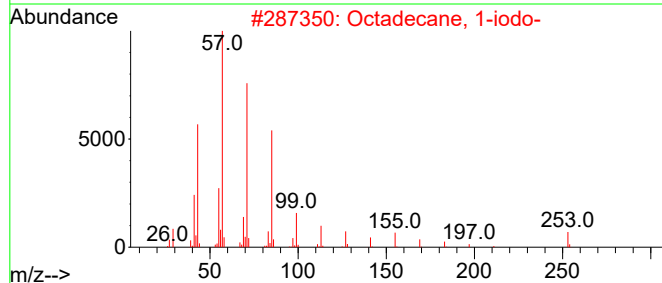
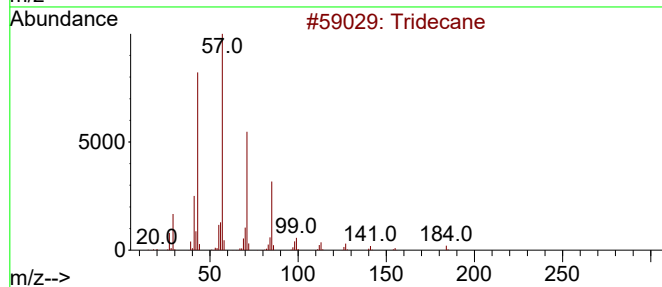
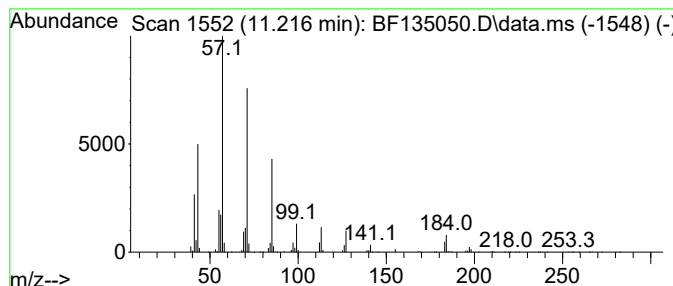
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.216	67.33 ng	2804650	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	90
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
4	Heptadecane		240	C17H36	000629-78-7	86
5	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-06(16-18)

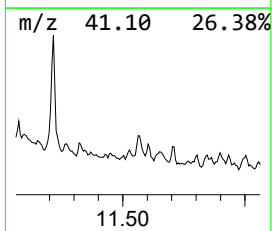
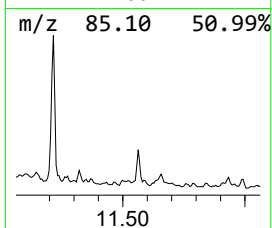
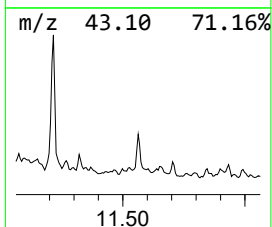
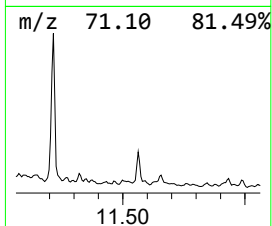
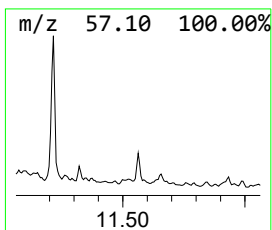
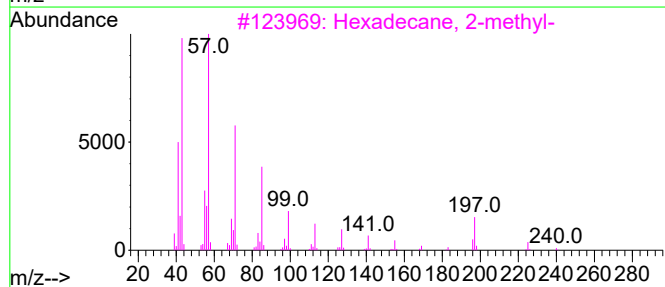
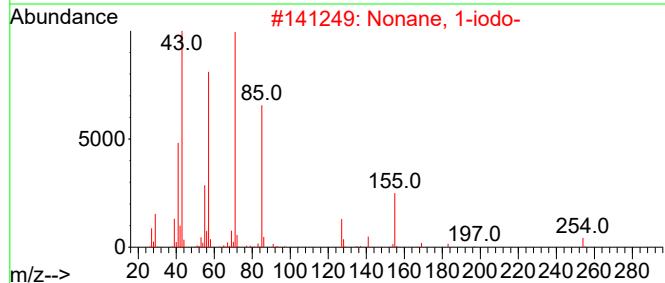
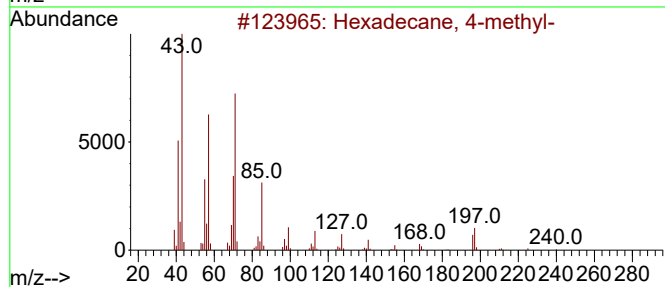
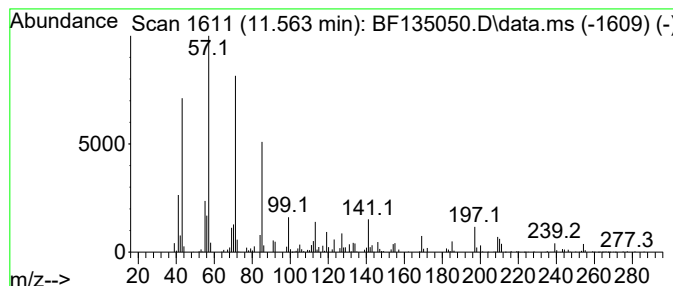
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.563	19.46 ng	810541	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 4-methyl-	240	C17H36	025117-26-4	91
2			Nonane, 1-iodo-	254	C9H19I	004282-42-2	91
3			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
4			Octadecane	254	C18H38	000593-45-3	87
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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Acq On : 31 Aug 2023 19:54
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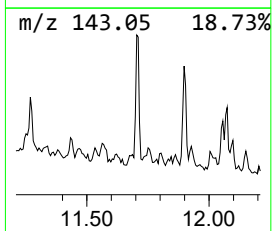
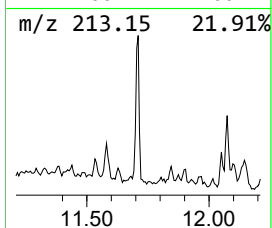
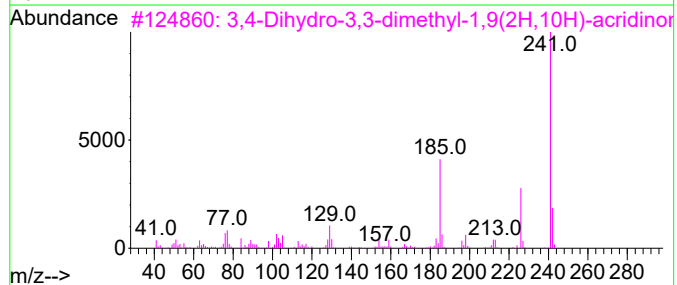
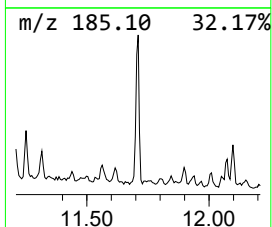
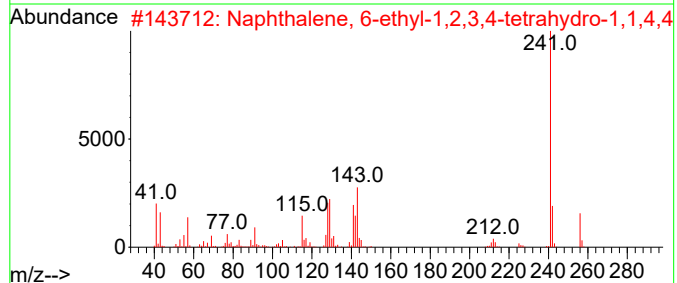
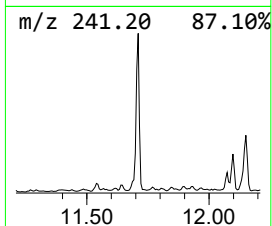
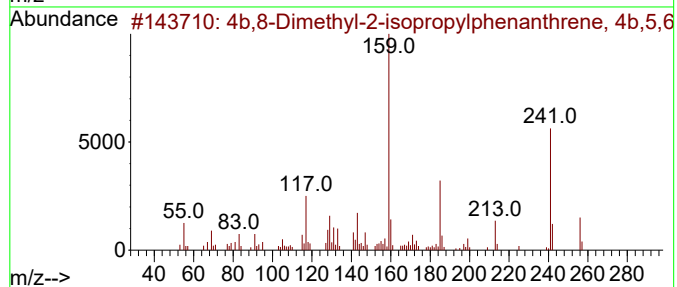
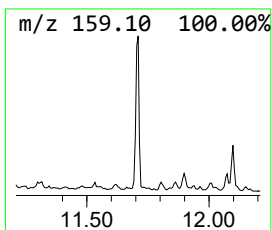
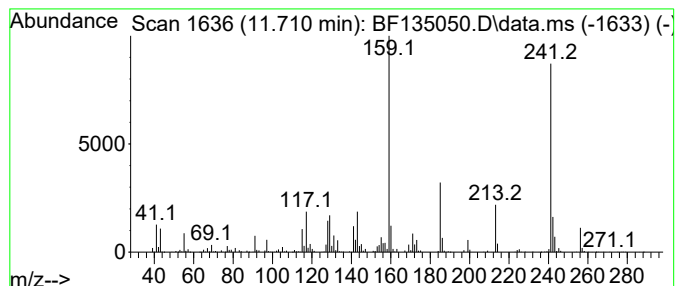
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 4b,8-Dimethyl-2-isopropylph... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	17.02 ng	708820	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	87
2			Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	81
3			3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	38
4			Pyrimido[4',5':4,5]furo[2,3-b]qu...	241	C13H11N3O2	1000362-77-3	38
5			3-(4-Methyl-1H-imidazol-1-yl)-5-...	241	C11H10F3N3	641571-11-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
SB-06(16-18)

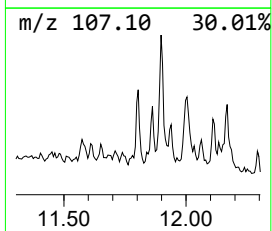
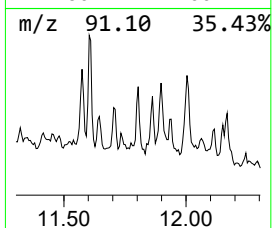
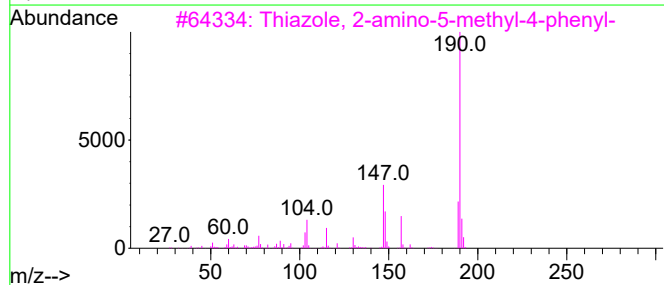
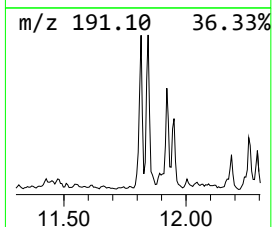
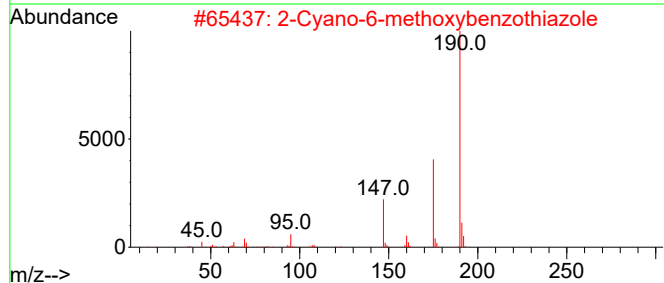
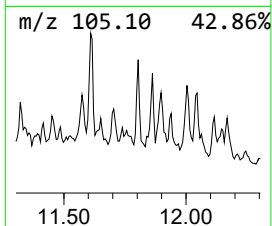
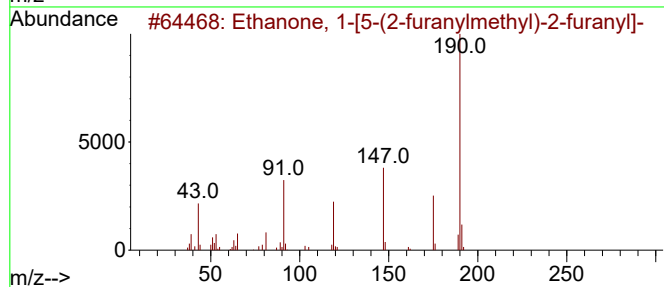
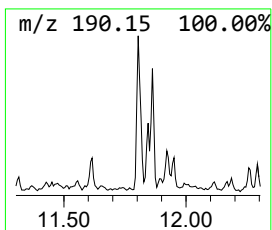
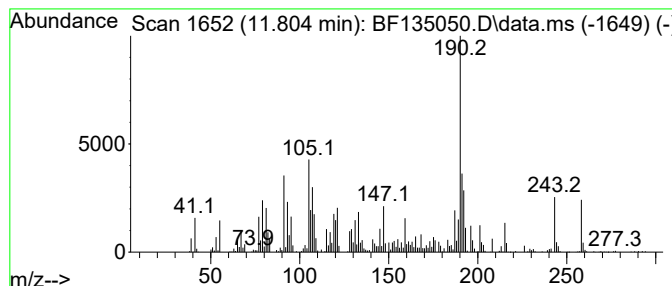
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown11.804 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	17.45 ng	726958	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	35		
2	2-Cyano-6-methoxybenzothiazole	190	C9H6N2OS	000943-03-3	35		
3	Thiazole, 2-amino-5-methyl-4-phe...	190	C10H10N2S	030709-67-2	35		
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	27		
5	3-Imidazoline-2-thione, 5-methyl...	190	C10H10N2S	033289-24-6	27		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
Sample : 04189-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

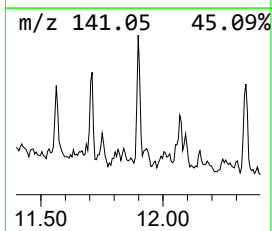
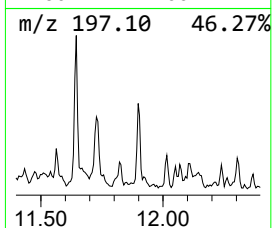
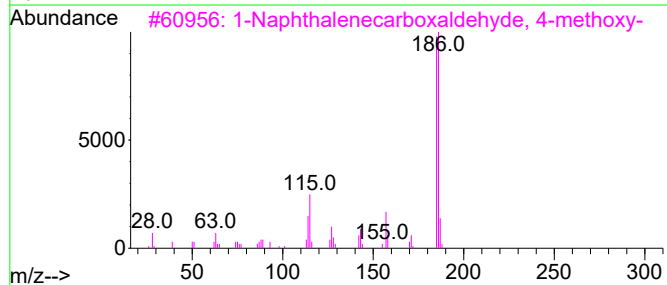
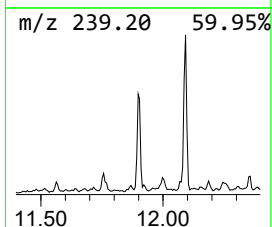
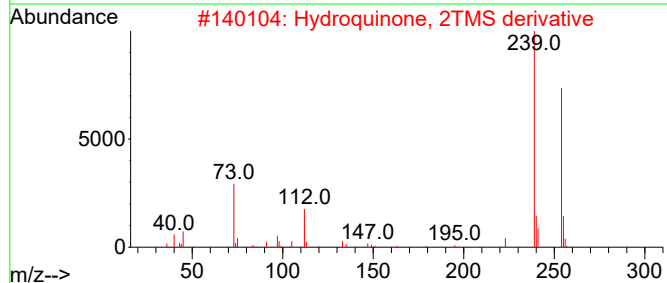
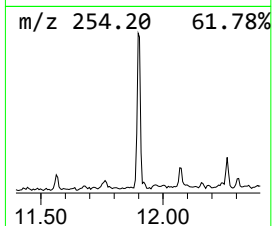
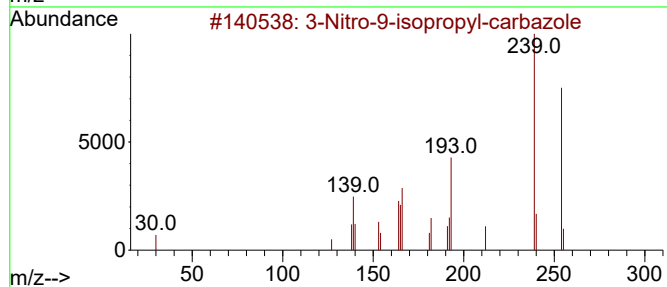
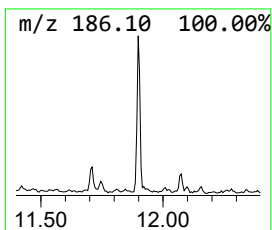
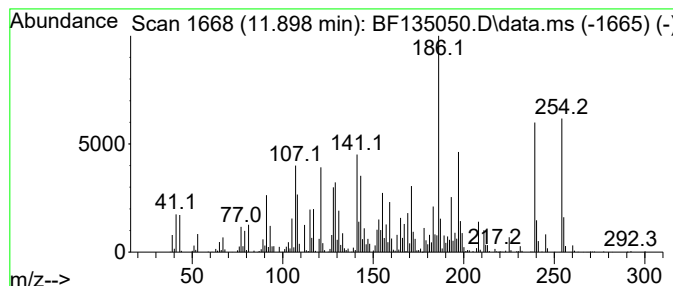
Instrument :
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ClientSampleId :
SB-06(16-18)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown11.898 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.898	22.39 ng	932442	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Nitro-9-isopropyl-carbazole		254	C15H14N2O2	022130-02-5	35
2	Hydroquinone, 2TMS derivative		254	C12H22O2Si2	002117-24-0	25
3	1-Naphthalenecarboxaldehyde, 4-m...		186	C12H10O2	015971-29-6	25
4	Cyclopentene-1-carbonitrile, 2-(...		186	C11H10N2O	304872-45-5	15
5	Psoralen, 3-(.alpha.,.alpha.-dim...		254	C16H14O3	013164-03-9	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
Sample : 04189-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)

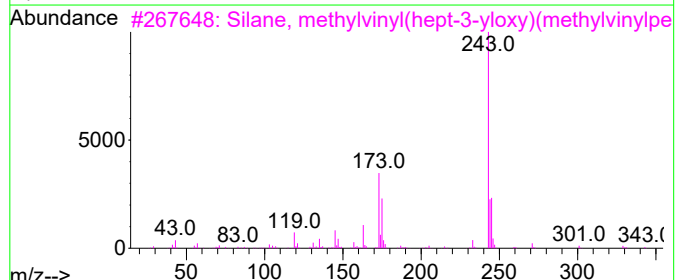
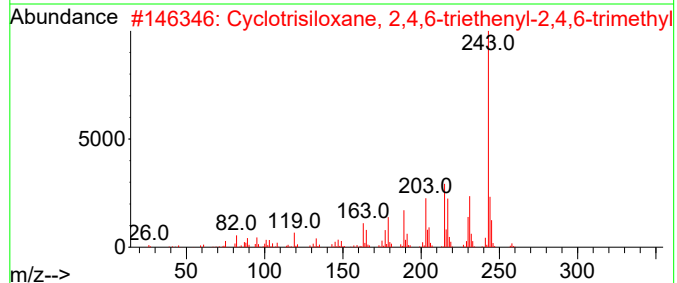
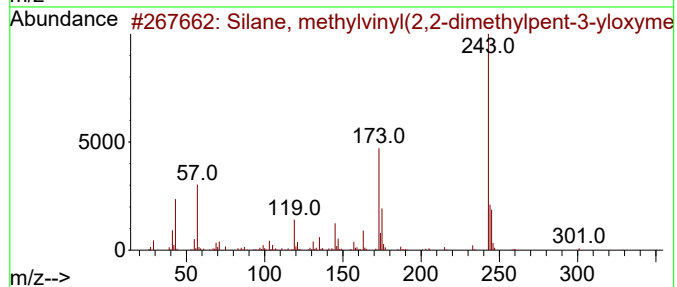
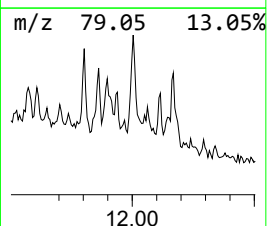
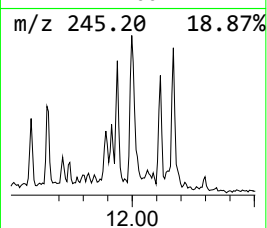
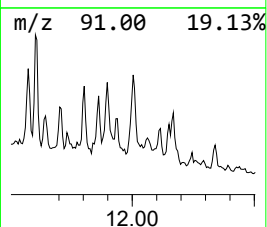
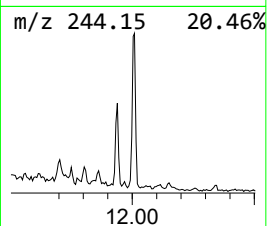
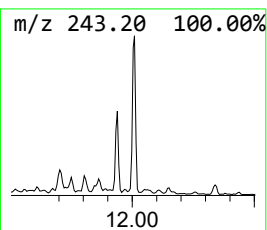
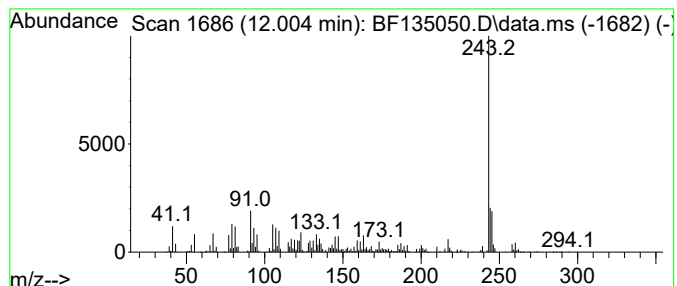
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Silane, methylvinyl(2,2-dim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	24.08 ng	1002850	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, methylvinyl(2,2-dimethyl...	358	C18H3803Si2	1000420-85-5	58
2			Cyclotrisiloxane, 2,4,6-triethen...	258	C9H1803Si3	003901-77-7	53
3			Silane, methylvinyl(hept-3-yloxy...	358	C18H3803Si2	1000421-69-3	53
4			6-Chrysenamine	243	C18H13N	002642-98-0	53
5			3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
Sample : 04189-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

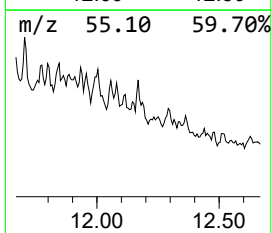
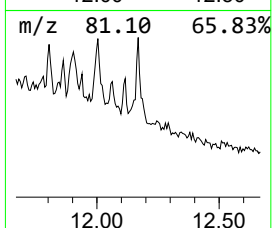
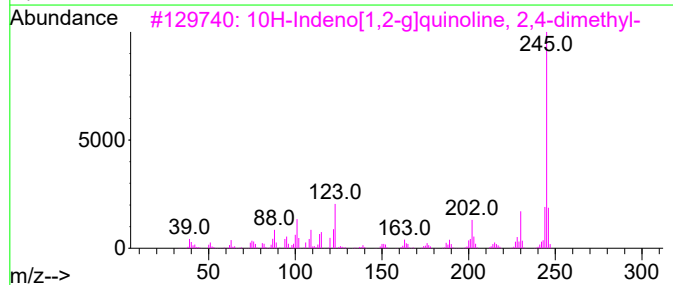
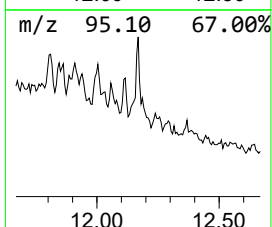
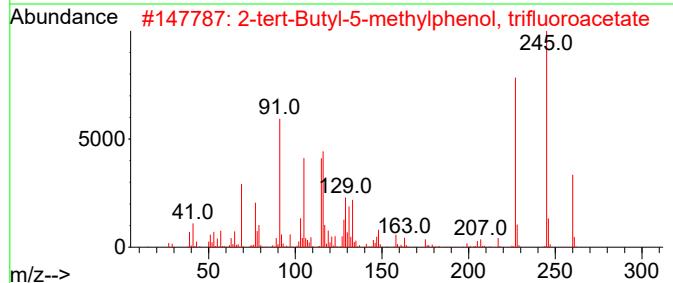
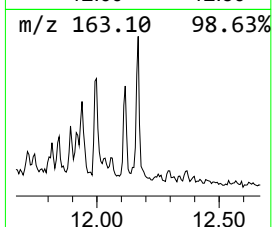
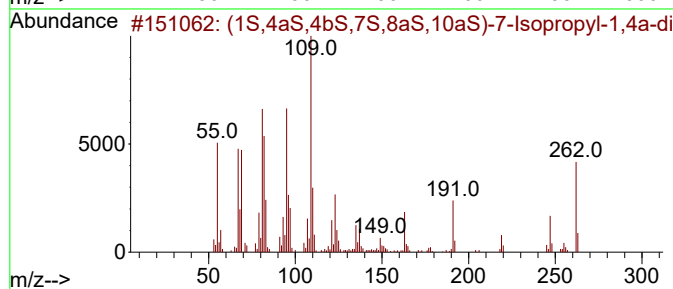
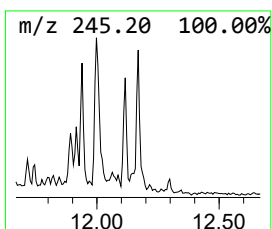
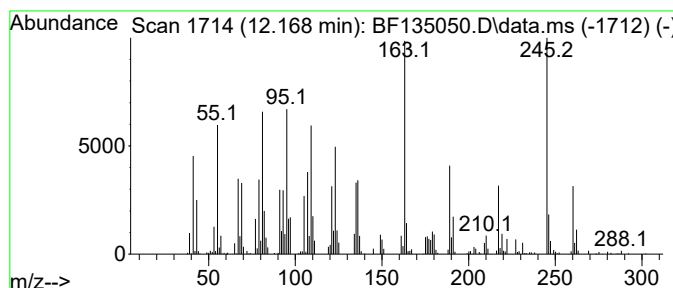
Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown12.168 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.			
12.168	17.40 ng	724859	Phenanthrene-d10	11.316			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	15		
2	2-tert-Butyl-5-methylphenol, tri...	260	C13H15F3O2	1000466-89-0	14		
3	10H-Indeno[1,2-g]quinoline, 2,4-...	245	C18H15N	050519-37-4	14		
4	Silane, triethoxypropyl-	206	C9H22O3Si	002550-02-9	11		
5	Cyclohexanecarbonitrile, 1-(4-ch...	219	C13H14ClN	064399-28-6	11		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135050.D
 Acq On : 31 Aug 2023 19:54
 Operator : CG\JU
 Sample : 04189-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(16-18)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Ethyl-4-methy...	5.804	18.3	ng	5546210	1	6.786	6071330	20.0
unknown5.939	5.939	20.8	ng	6303640	1	6.786	6071330	20.0
unknown6.045	6.045	39.6	ng	12031200	1	6.786	6071330	20.0
unknown6.228	6.228	36.7	ng	11148700	1	6.786	6071330	20.0
4-Nonene, 3-met...	6.322	27.3	ng	8300740	1	6.786	6071330	20.0
Cyclohexane, 1-...	6.539	28.9	ng	8764220	1	6.786	6071330	20.0
Naphthalene, de...	7.198	24.0	ng	7298430	1	6.786	6071330	20.0
Naphthalene, 2-...	9.963	20.0	ng	2556600	3	9.863	2556600	20.0
Naphthalene, 2,...	10.175	19.9	ng	2537480	3	9.863	2556600	20.0
Naphthalene, 1,...	10.263	21.1	ng	2692880	3	9.863	2556600	20.0
Pentadecane, 2,...	10.498	34.0	ng	4348320	3	9.863	2556600	20.0
Tridecane, 5-pr...	10.757	150.1	ng	6249900	4	11.316	833051	20.0
9H-Fluorene, 2-...	10.957	28.1	ng	1169800	4	11.316	833051	20.0
Tridecane	11.216	67.3	ng	2804650	4	11.316	833051	20.0
Hexadecane, 4-m...	11.563	19.5	ng	810541	4	11.316	833051	20.0
4b,8-Dimethyl-2...	11.710	17.0	ng	708820	4	11.316	833051	20.0
unknown11.804	11.804	17.4	ng	726958	4	11.316	833051	20.0
unknown11.898	11.898	22.4	ng	932442	4	11.316	833051	20.0
Silane, methylv...	12.004	24.1	ng	1002850	4	11.316	833051	20.0
unknown12.168	12.168	17.4	ng	724859	4	11.316	833051	20.0