

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008362.D
 Acq On : 11 Dec 2021 03:19
 Operator : CG/JU
 Sample : M4964-02 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EAST-SIDEWALL

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_P\Methods\8270E-BP112521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008362.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.964	161	166	173	rBV2	18541	28910	2.55%	0.183%
2	4.487	250	255	261	rVB2	18332	29312	2.58%	0.185%
3	5.369	398	405	409	rBV3	26550	51234	4.52%	0.324%
4	5.781	469	475	482	rVB4	17210	28451	2.51%	0.180%
5	6.899	661	665	672	rVB5	23971	48448	4.27%	0.306%
6	6.975	672	678	686	rBV4	16551	35134	3.10%	0.222%
7	7.387	743	748	755	rVB2	30146	45723	4.03%	0.289%
8	7.681	789	798	802	rBV9	12256	31748	2.80%	0.201%
9	7.758	802	811	819	rVV	255241	442844	39.03%	2.801%
10	8.046	856	860	868	rVB6	13500	27508	2.42%	0.174%
11	8.310	898	905	909	rBV5	31019	57432	5.06%	0.363%
12	8.863	988	999	1007	rBV4	41003	112525	9.92%	0.712%
13	8.946	1007	1013	1014	rVV4	26913	51874	4.57%	0.328%
14	8.993	1017	1021	1030	rVB	69764	124082	10.94%	0.785%
15	9.110	1036	1041	1047	rVB6	28124	66523	5.86%	0.421%
16	9.199	1047	1056	1057	rBV6	18148	38634	3.41%	0.244%
17	9.405	1085	1091	1096	rVB4	21373	42202	3.72%	0.267%
18	9.475	1096	1103	1109	rVB6	24452	43486	3.83%	0.275%
19	9.734	1143	1147	1156	rVB7	33355	85268	7.52%	0.539%
20	9.910	1172	1177	1181	rBV3	26895	43087	3.80%	0.273%
21	9.957	1181	1185	1189	rBV2	35615	69612	6.14%	0.440%
22	10.146	1213	1217	1222	rVB5	24903	39851	3.51%	0.252%
23	10.257	1231	1236	1240	rBV3	29722	51263	4.52%	0.324%
24	10.557	1276	1287	1292	rBV	325058	706093	62.23%	4.467%
25	10.604	1292	1295	1303	rVV3	43858	93376	8.23%	0.591%
26	10.675	1303	1307	1311	rVV2	42521	64622	5.70%	0.409%
27	10.728	1311	1316	1320	rVV	83542	126681	11.17%	0.801%
28	10.781	1321	1325	1332	rVV4	33572	68153	6.01%	0.431%
29	10.852	1333	1337	1342	rVB7	21184	33940	2.99%	0.215%
30	10.963	1353	1356	1365	rVV8	26452	50149	4.42%	0.317%
31	11.046	1366	1370	1376	rVB2	83825	132064	11.64%	0.835%
32	11.181	1389	1393	1396	rBV5	20130	30632	2.70%	0.194%
33	11.228	1396	1401	1404	rBV6	39439	82480	7.27%	0.522%
34	11.334	1415	1419	1424	rVB6	28476	57669	5.08%	0.365%
35	11.404	1426	1431	1437	rVV6	42932	110232	9.72%	0.697%
36	11.481	1439	1444	1451	rVB6	66097	148611	13.10%	0.940%

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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_P\Methods\8270E-BP112521.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.593	1458	1463	1472	rBV2	137678	328278	28.93%	2.077%
38	11.746	1486	1489	1493	rVB3	50768	66434	5.86%	0.420%
39	11.846	1498	1506	1511	rBV3	96234	202460	17.84%	1.281%
40	11.987	1526	1530	1532	rBV4	28262	39698	3.50%	0.251%
41	12.222	1567	1570	1577	rVB2	109687	191434	16.87%	1.211%
42	12.293	1578	1582	1585	rBV5	51331	84075	7.41%	0.532%
43	12.357	1590	1593	1596	rBV4	35947	42482	3.74%	0.269%
44	12.393	1596	1599	1601	rBV3	25070	33816	2.98%	0.214%
45	12.628	1632	1639	1643	rBV9	56114	132384	11.67%	0.837%
46	12.675	1643	1647	1655	rVV8	34866	102782	9.06%	0.650%
47	12.816	1667	1671	1672	rBV3	33105	46980	4.14%	0.297%
48	12.846	1673	1676	1681	rVB4	80540	112589	9.92%	0.712%
49	12.904	1681	1686	1688	rBV4	55353	103856	9.15%	0.657%
50	12.951	1690	1694	1699	rVB	205449	294705	25.98%	1.864%
51	12.998	1700	1702	1705	rBV3	25557	34329	3.03%	0.217%
52	13.222	1735	1740	1744	rBV2	108504	159858	14.09%	1.011%
53	13.340	1756	1760	1764	rVB3	62693	96059	8.47%	0.608%
54	13.445	1774	1778	1780	rBV	58036	94536	8.33%	0.598%
55	13.587	1796	1802	1810	rVB3	159716	370327	32.64%	2.343%
56	13.734	1822	1827	1832	rBV2	228095	411205	36.24%	2.601%
57	13.787	1833	1836	1839	rVB2	58432	81134	7.15%	0.513%
58	13.904	1852	1856	1859	rVB2	212384	279147	24.60%	1.766%
59	13.940	1859	1862	1864	rBV3	51869	63312	5.58%	0.400%
60	14.181	1900	1903	1908	rVV4	80164	95951	8.46%	0.607%
61	14.240	1910	1913	1921	rVB5	85993	180083	15.87%	1.139%
62	14.416	1933	1943	1948	rBV	501965	976770	86.09%	6.179%
63	14.634	1974	1980	1988	rVB3	158396	439701	38.75%	2.781%
64	14.822	2009	2012	2017	rVB2	222807	302704	26.68%	1.915%
65	14.892	2021	2024	2029	rVB	193226	272124	23.98%	1.721%
66	14.945	2029	2033	2039	rBV4	164132	251651	22.18%	1.592%
67	15.040	2045	2049	2054	rBV	174254	287078	25.30%	1.816%
68	15.463	2118	2121	2125	rVB3	113403	140231	12.36%	0.887%
69	15.687	2155	2159	2166	rVB	369278	562154	49.55%	3.556%
70	16.169	2235	2241	2246	rVB2	509282	883910	77.91%	5.591%
71	16.534	2299	2303	2309	rBV5	192738	353363	31.15%	2.235%
72	16.998	2378	2382	2393	rVB	688811	1134571	100.00%	7.177%
73	17.181	2408	2413	2417	rBV	643847	962405	84.83%	6.088%
74	18.945	2710	2713	2717	rBV	454017	595894	52.52%	3.769%
75	19.139	2743	2746	2752	rVB	420738	592214	52.20%	3.746%
76	21.292	3109	3112	3120	rVB	782301	1106039	97.49%	6.996%

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ClientSampleId :
EAST-SIDEWALL

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_P\Methods\8270E-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

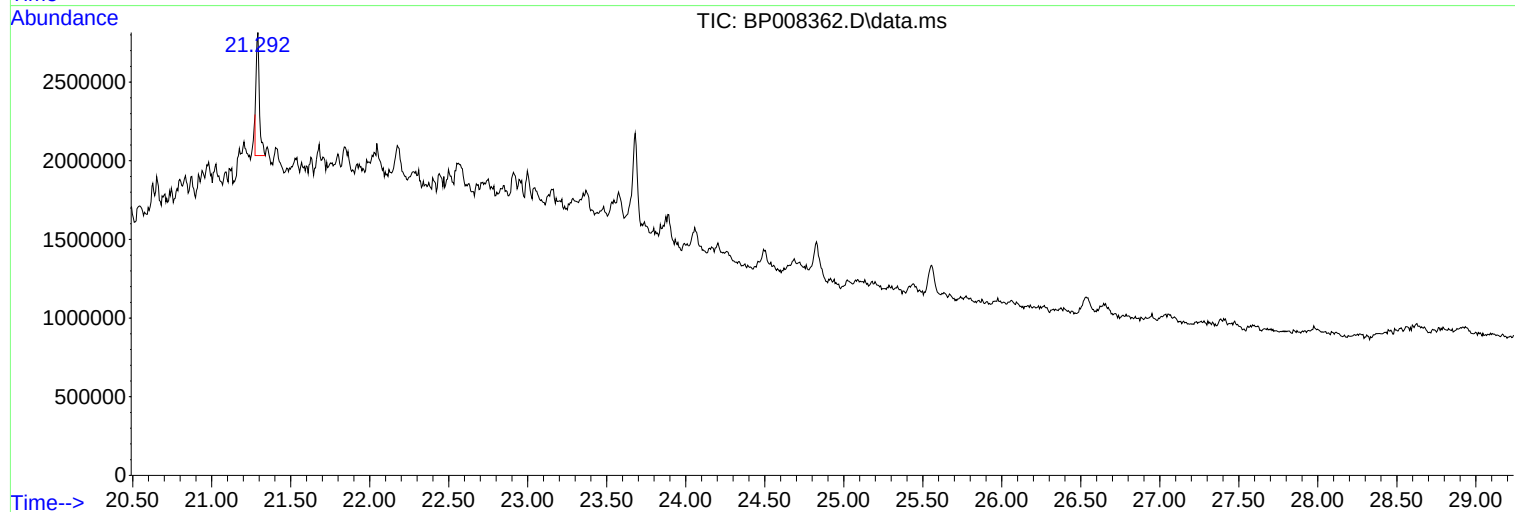
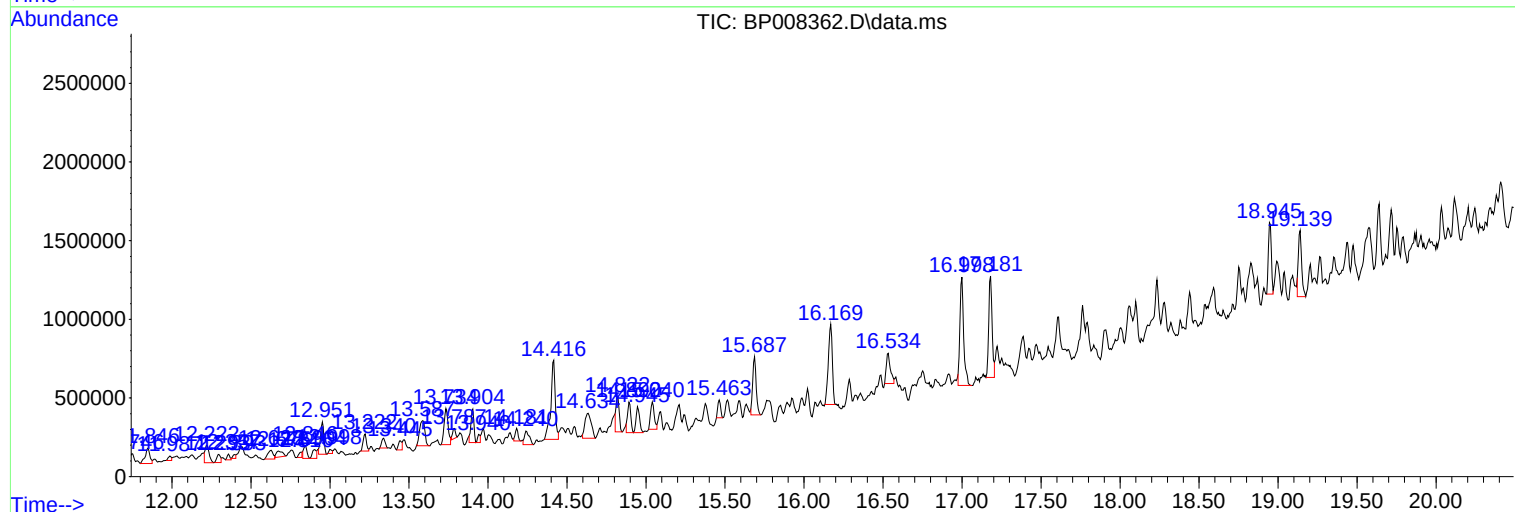
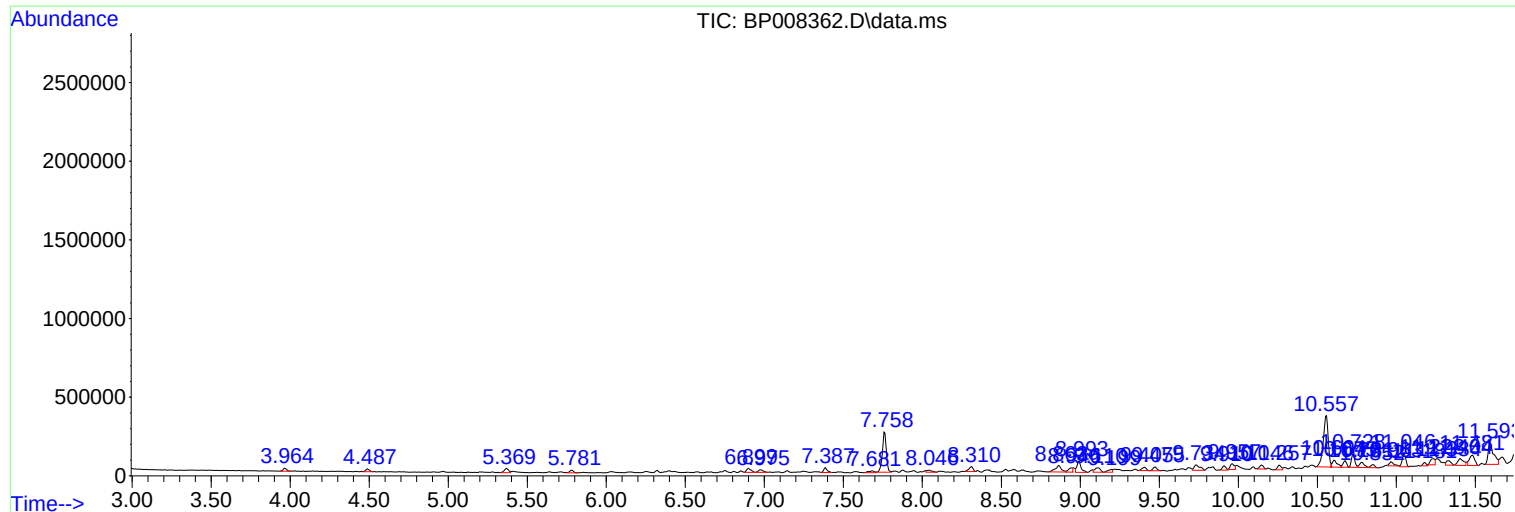
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : CG/JU
Sample : M4964-02 10X
Misc :
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Instrument :
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ClientSampleId :
EAST-SIDEWALL

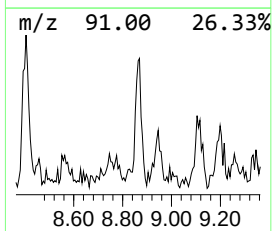
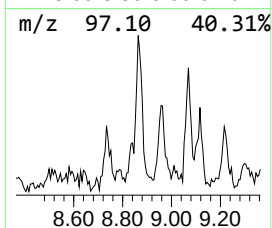
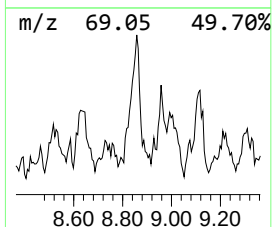
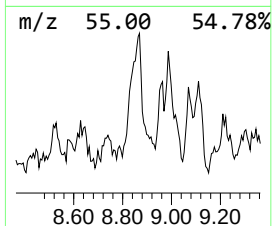
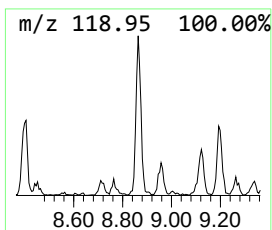
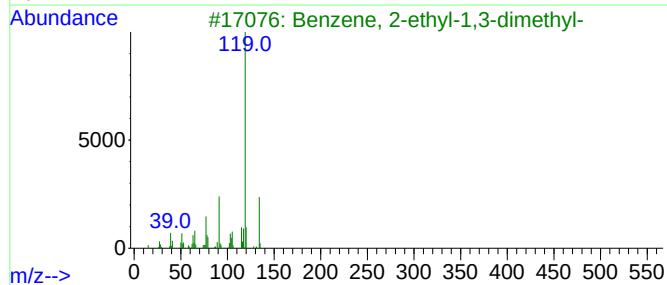
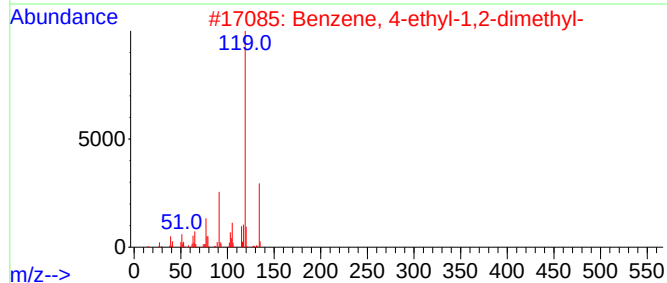
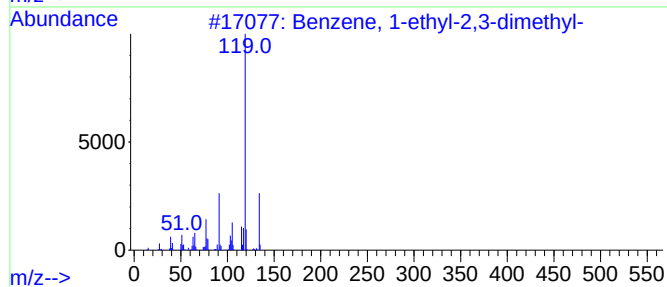
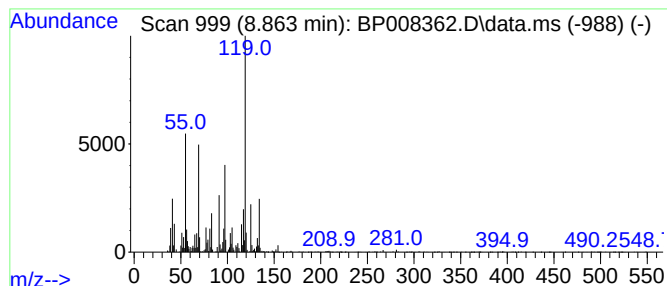
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	5.08 ng	112525	1,4-Dichlorobenzene-d4	7.758

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	89
4			p-Cymene	134	C10H14	000099-87-6	60
5			o-Cymene	134	C10H14	000527-84-4	53



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Instrument :
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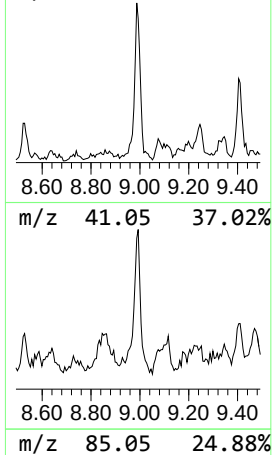
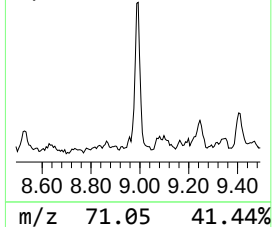
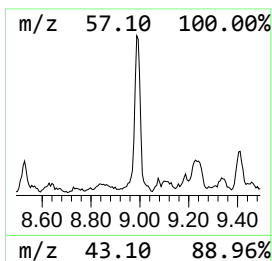
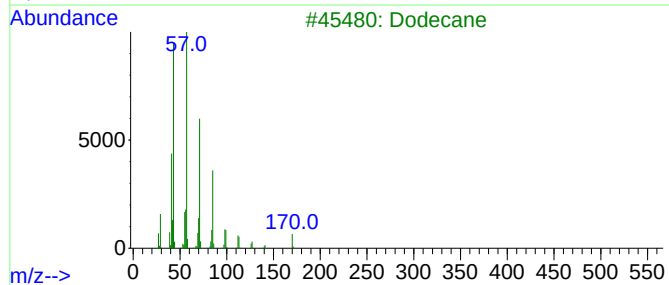
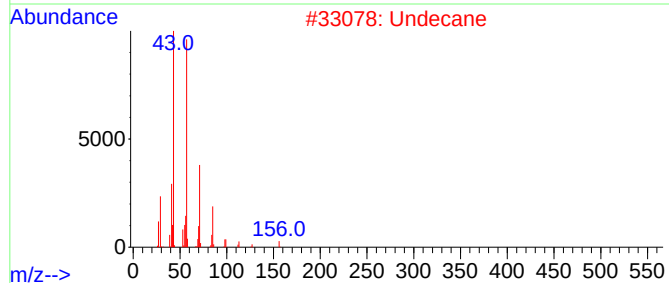
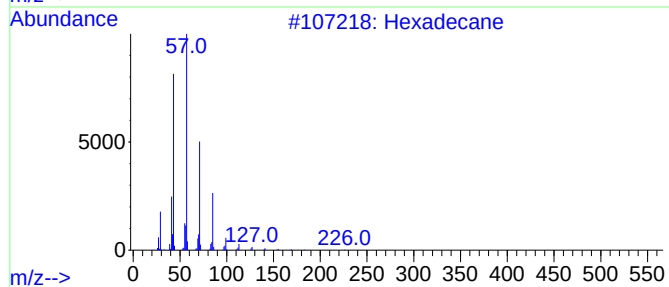
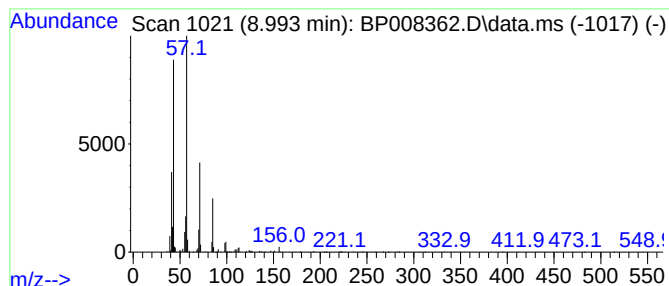
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.993	5.60 ng	124082	1,4-Dichlorobenzene-d4	7.758

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Undecane	156	C11H24	001120-21-4	87
3		Dodecane	170	C12H26	000112-40-3	86
4		Nonadecane	268	C19H40	000629-92-5	83
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	81



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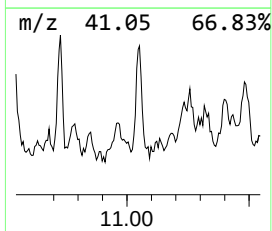
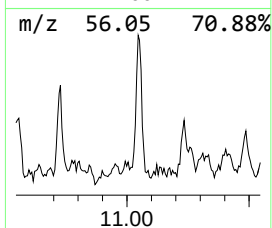
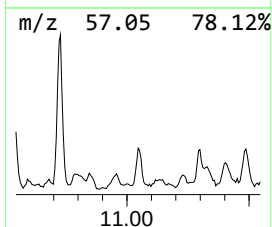
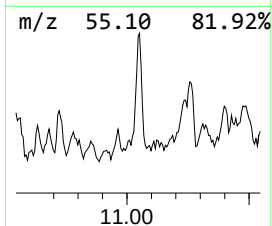
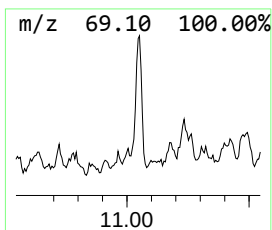
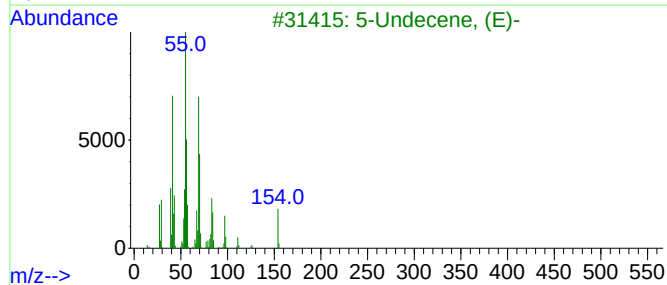
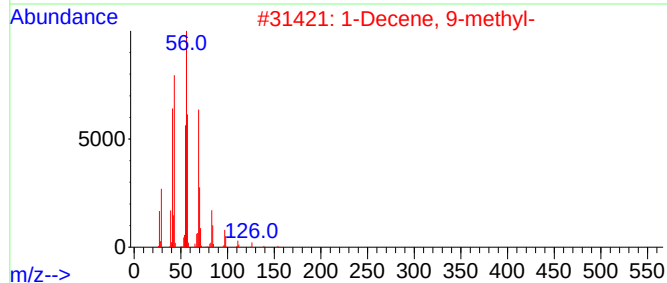
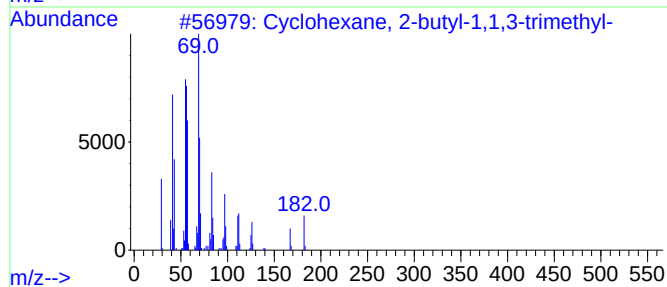
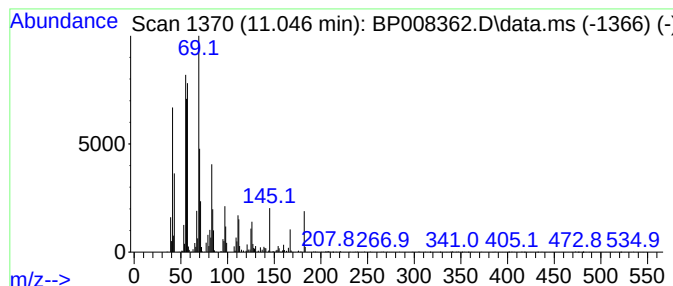
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.046	3.74 ng	132064	Naphthalene-d8	10.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	98
2			1-Decene, 9-methyl-	154	C11H22	061142-78-7	87
3			5-Undecene, (E)-	154	C11H22	000764-97-6	76
4			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	64
5			3-Tridecene, (E)-	182	C13H26	041446-57-5	60



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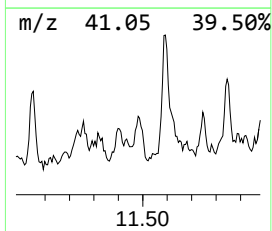
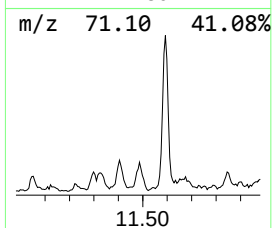
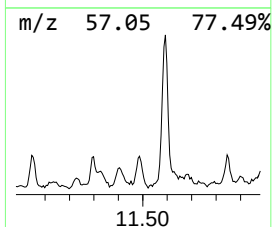
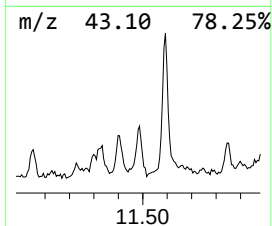
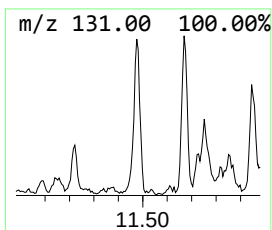
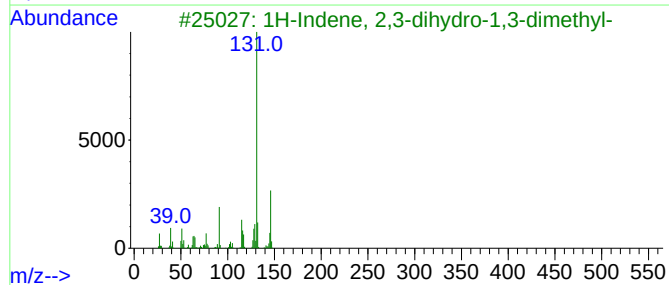
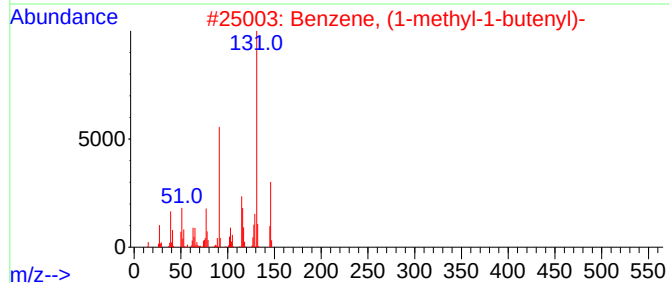
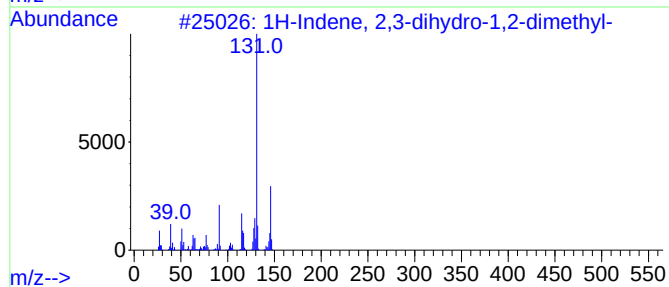
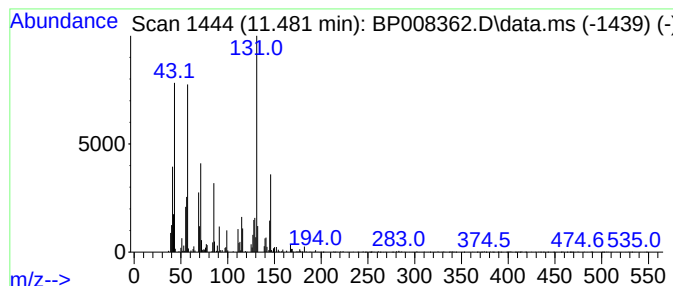
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.481	4.21 ng	148611	Naphthalene-d8	10.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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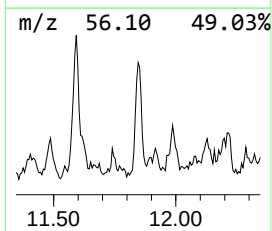
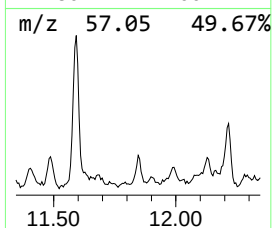
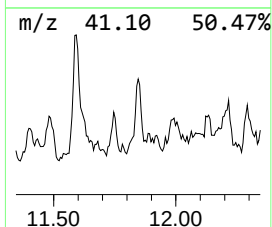
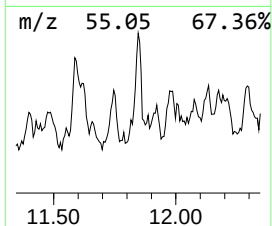
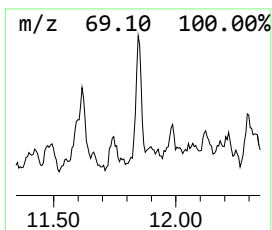
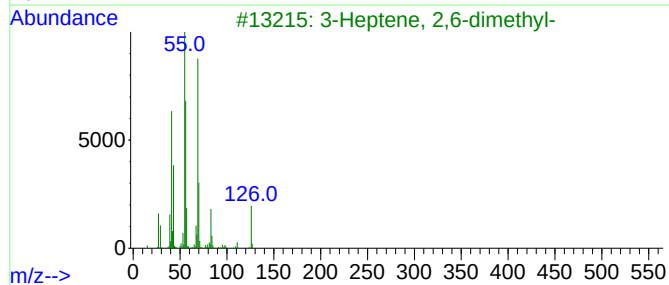
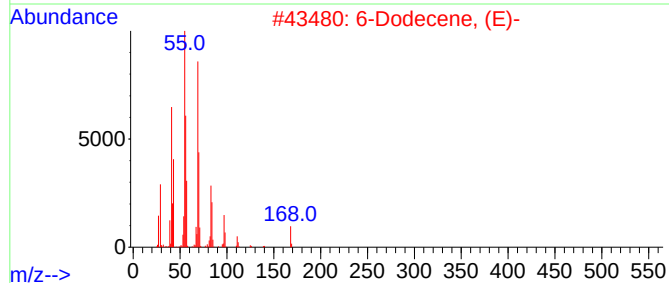
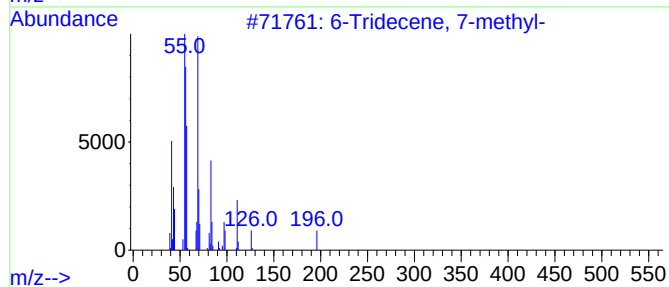
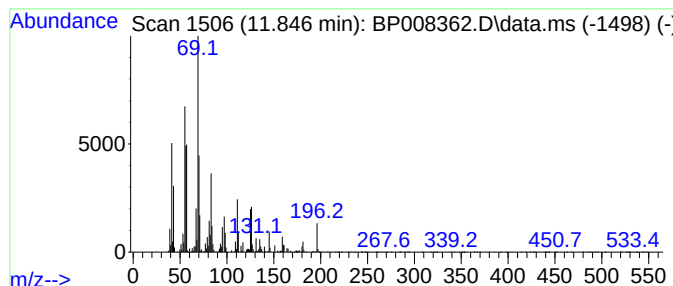
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 6-Tridecene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.846	5.73 ng	202460	Naphthalene-d8	10.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	76
2			6-Dodecene, (E)-	168	C12H24	007206-17-9	64
3			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	53
4			trans-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	50
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
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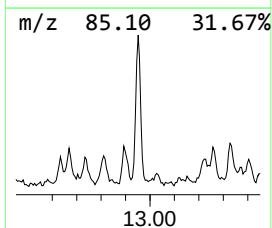
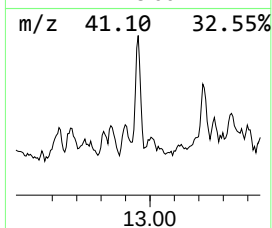
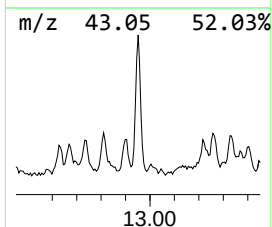
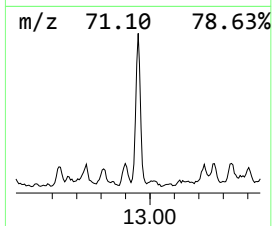
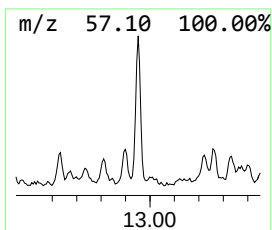
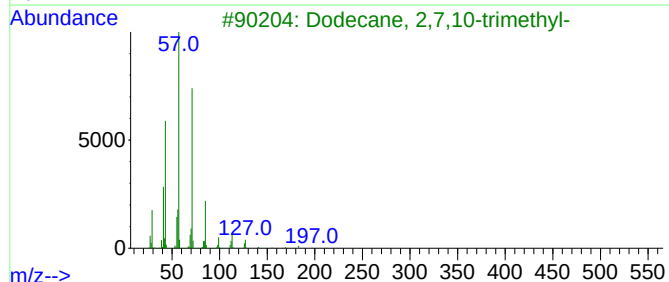
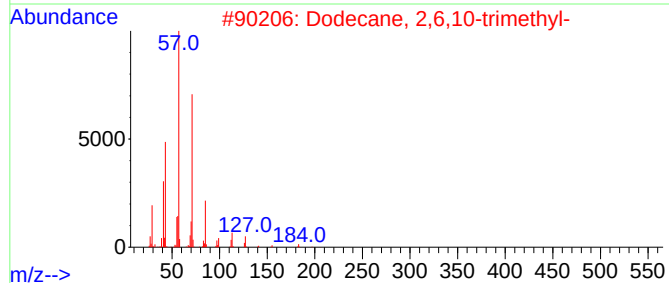
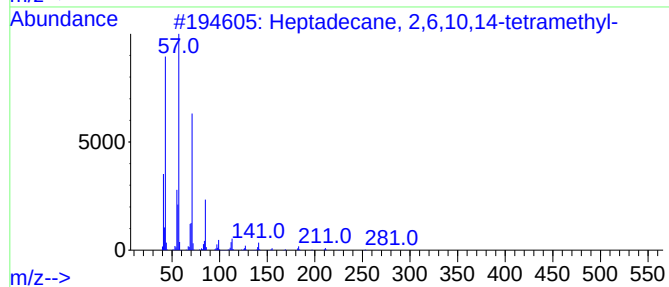
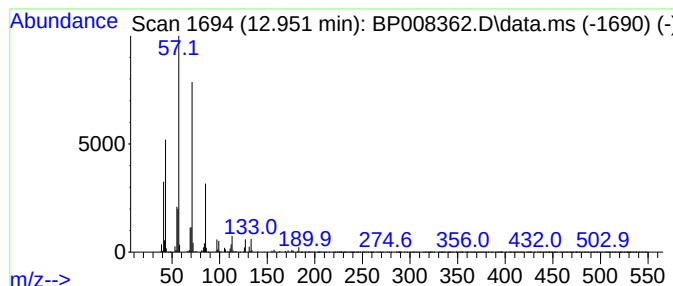
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane, 2,6,10,14-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.951	6.03 ng	294705	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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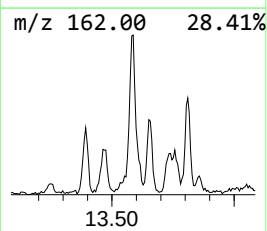
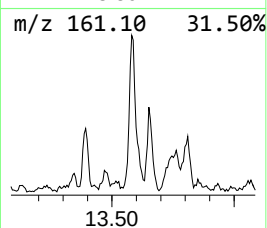
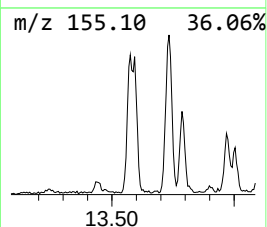
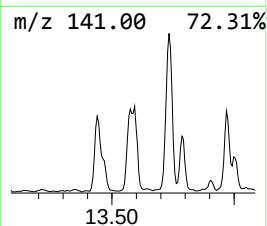
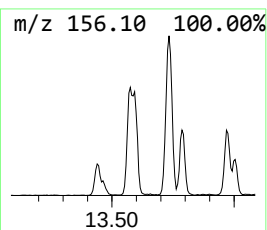
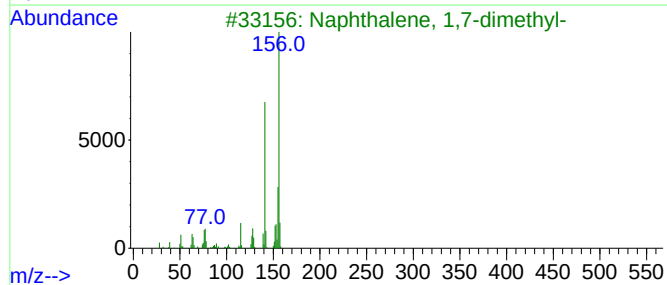
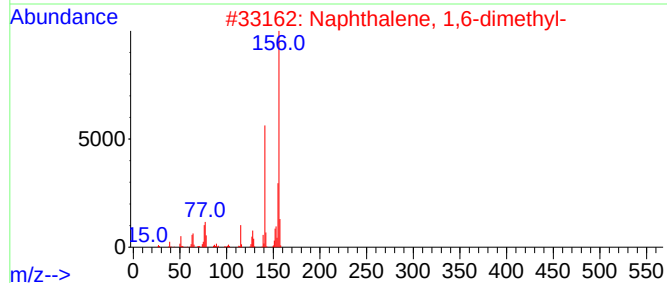
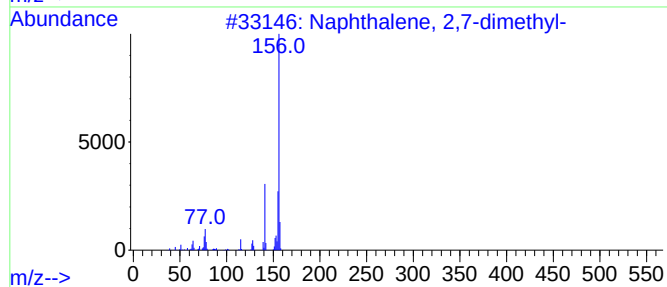
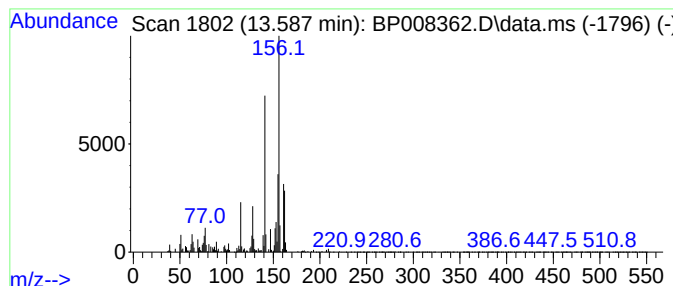
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.587	7.58 ng	370327	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
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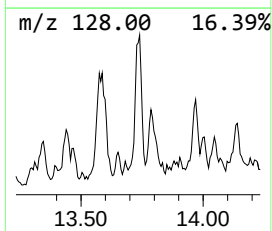
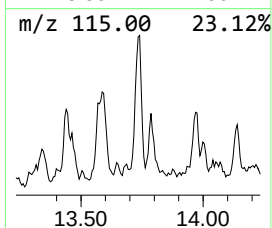
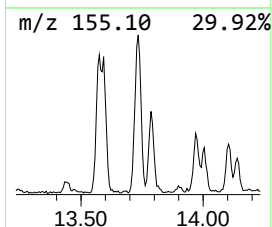
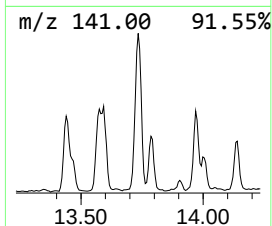
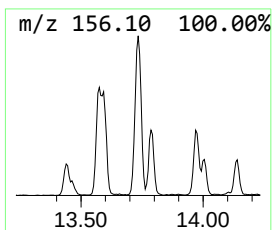
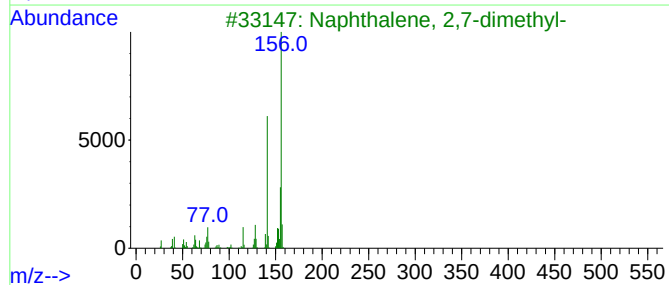
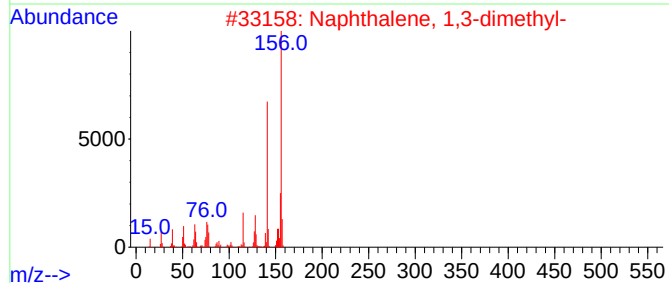
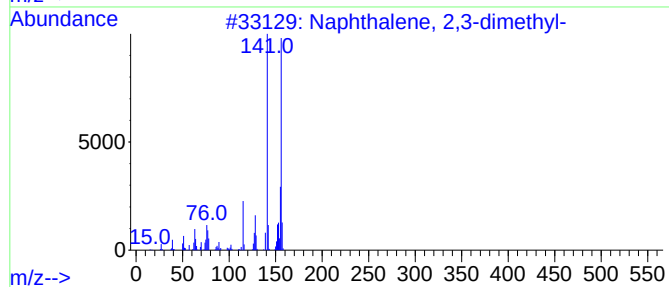
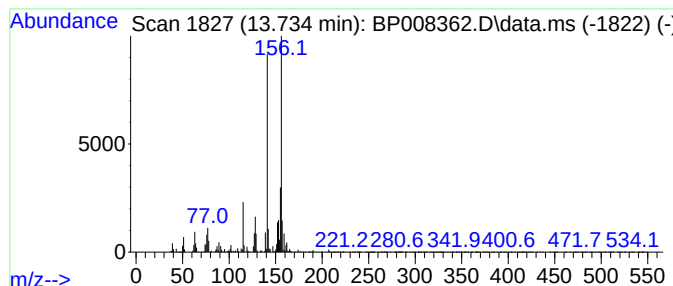
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.734	8.42 ng	411205	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
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Sample : M4964-02 10X
Misc :
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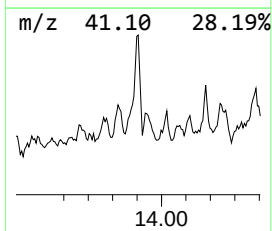
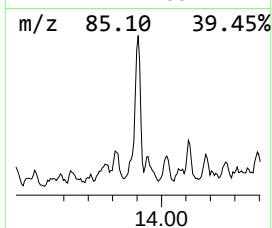
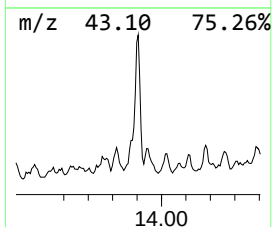
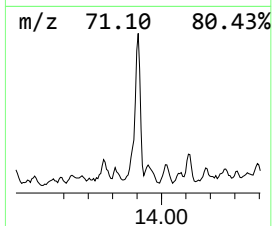
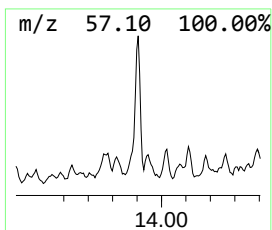
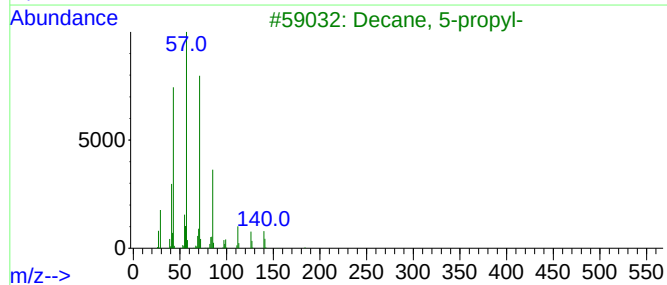
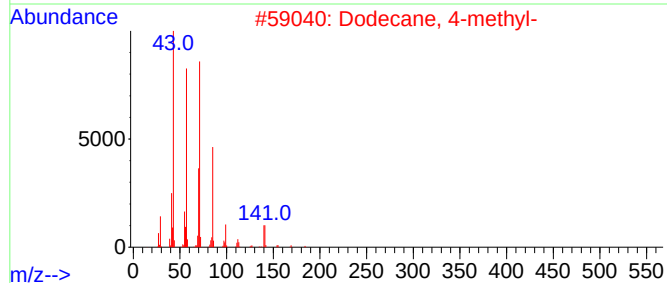
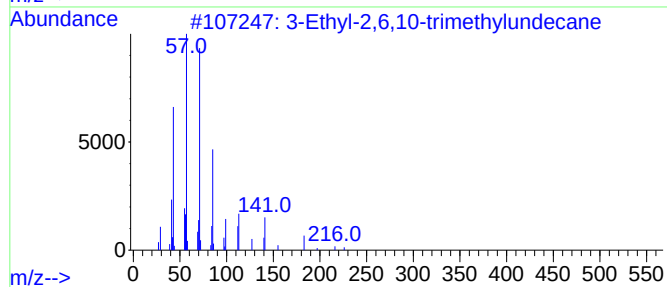
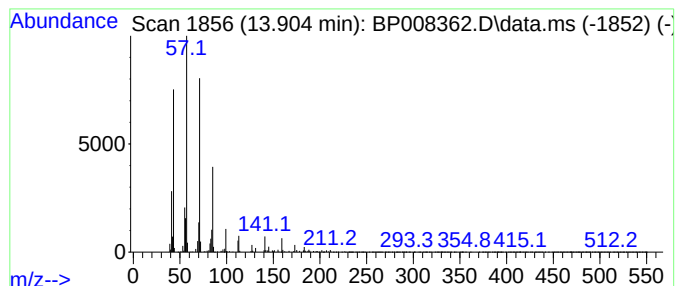
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Ethyl-2,6,10-trimethylund... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.904	5.72 ng	279147	Acenaphthene-d10		14.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	97
2	Dodecane, 4-methyl-		184	C13H28	006117-97-1	87
3	Decane, 5-propyl-		184	C13H28	017312-62-8	87
4	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	86
5	Hexatriacontane		507	C36H74	000630-06-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
EAST-SIDEWALL

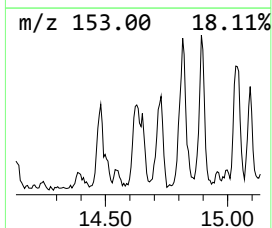
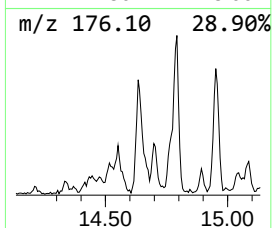
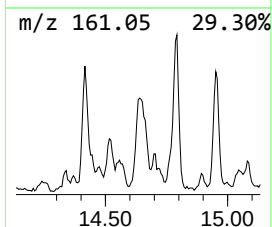
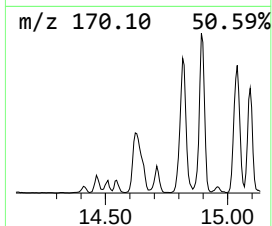
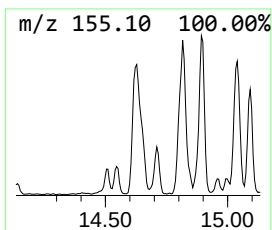
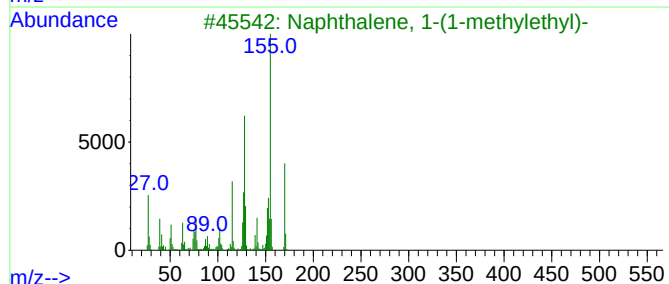
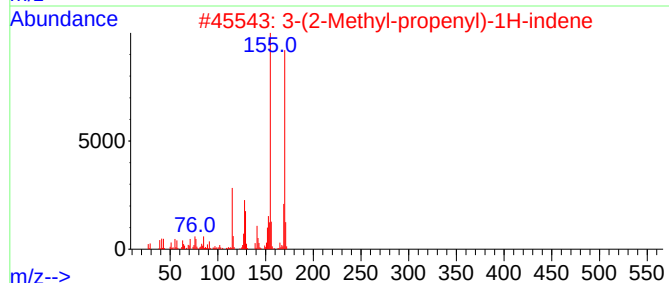
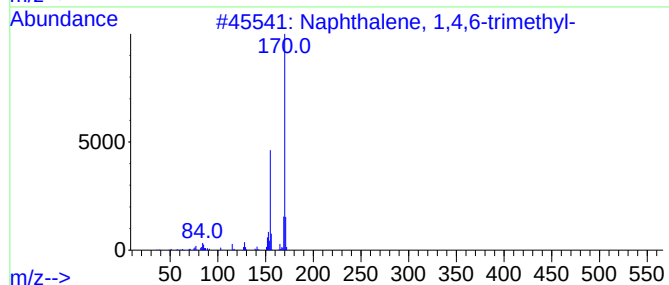
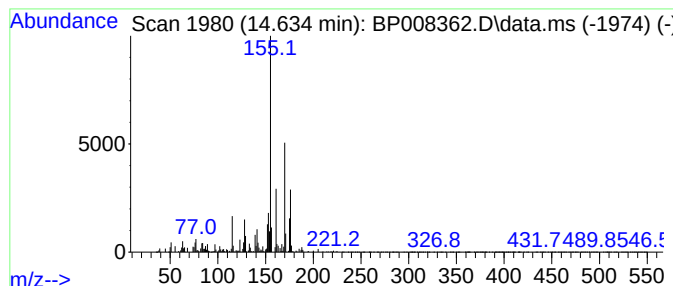
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	9.00 ng	439701	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76
3		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
5		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

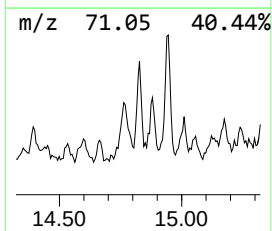
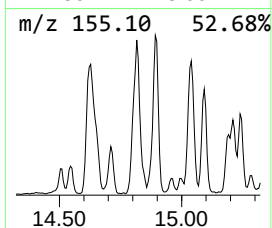
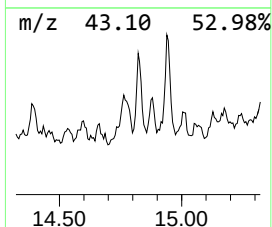
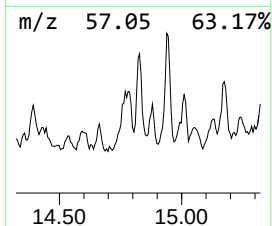
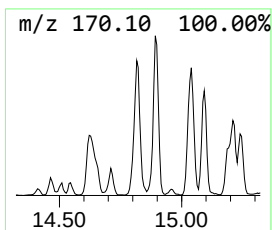
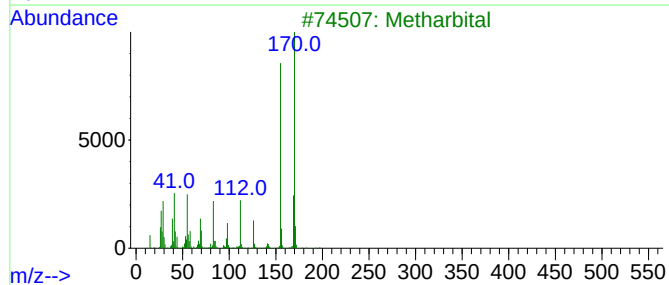
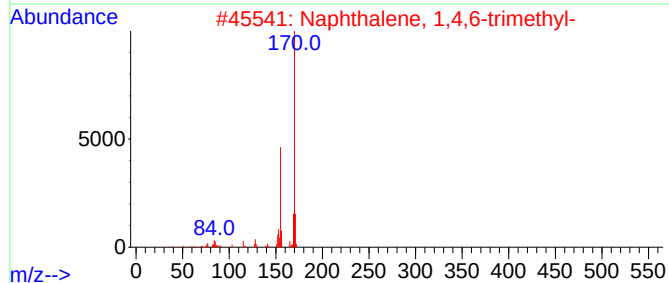
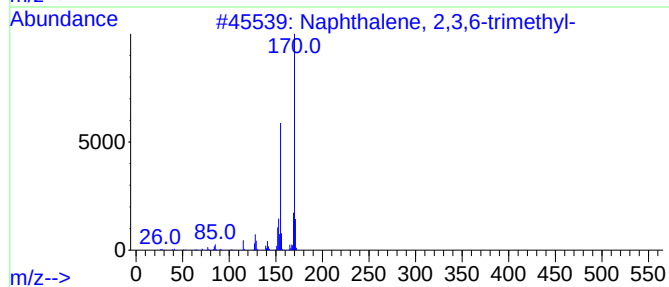
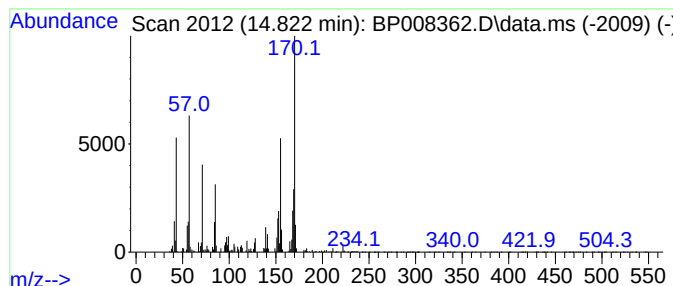
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.822 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	6.20 ng	302704	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	52
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
3			Metharbital	198	C9H14N2O3	000050-11-3	47
4			3,4-Dimethoxythiophenol	170	C8H10O2S	000700-96-9	47
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

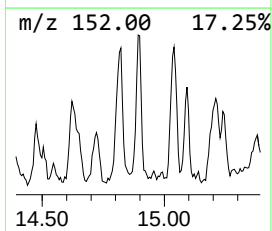
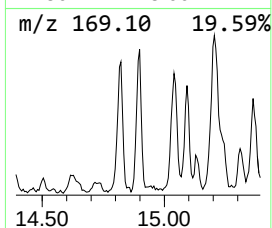
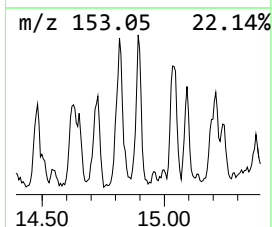
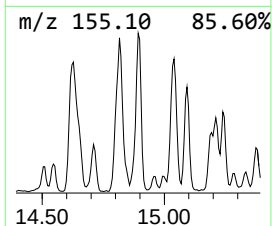
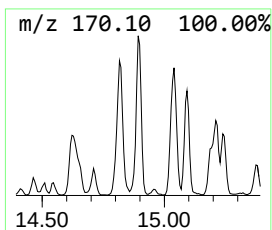
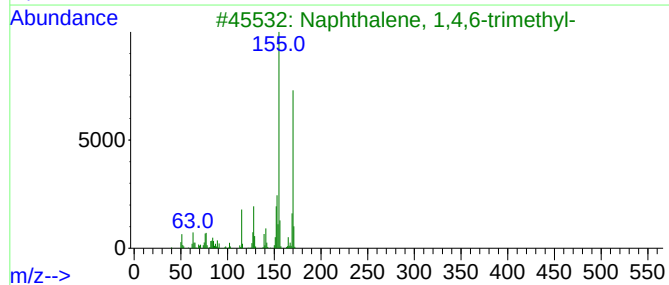
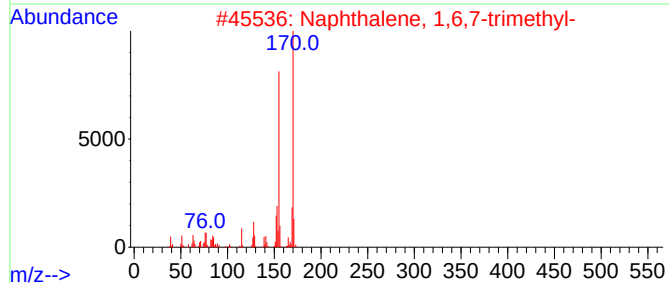
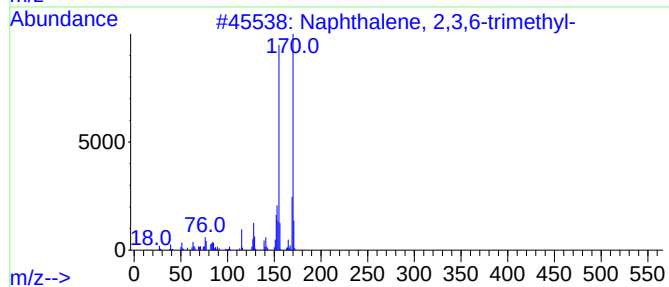
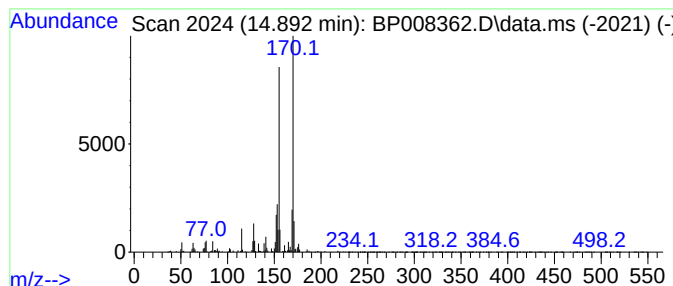
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.893	5.57 ng	272124	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

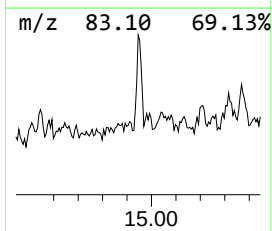
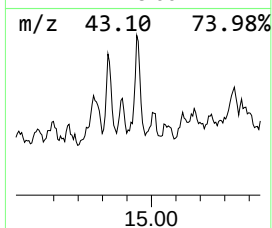
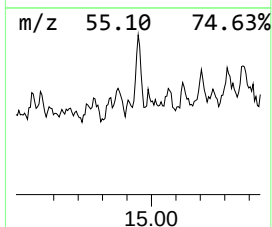
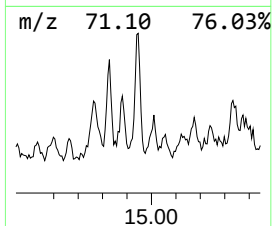
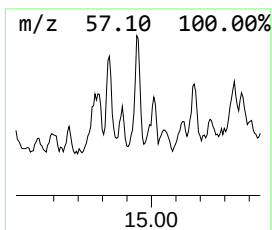
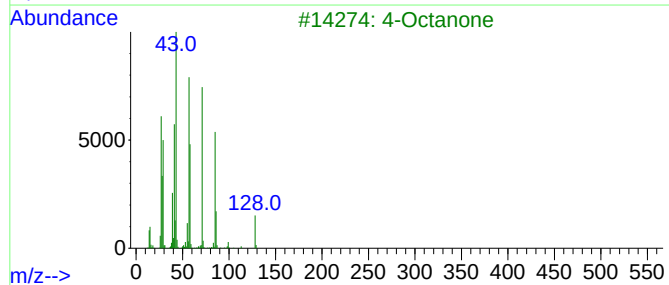
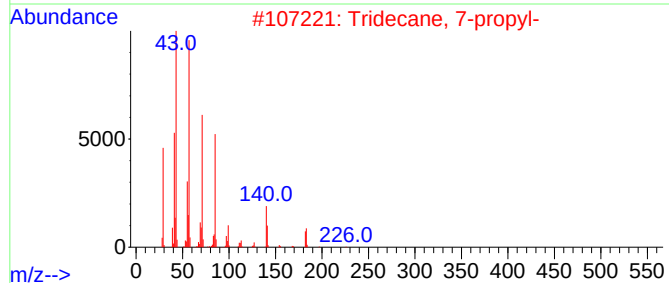
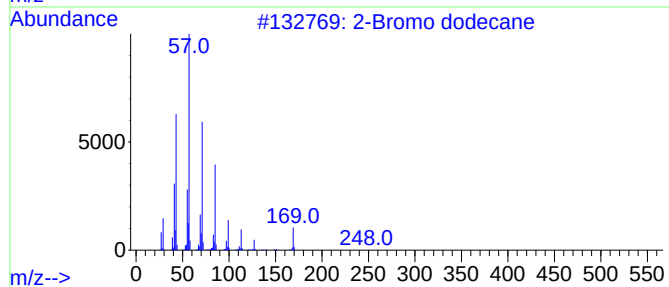
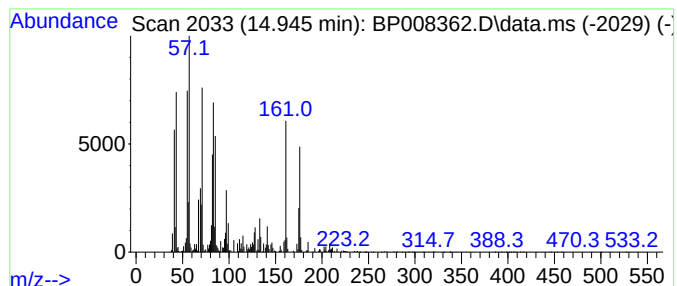
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.945 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	5.15 ng	251651	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	30
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	30
3		4-Octanone	128	C8H16O	000589-63-9	25
4		Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	25
5		Hexadecane	226	C16H34	000544-76-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

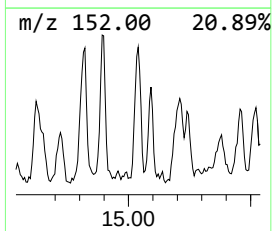
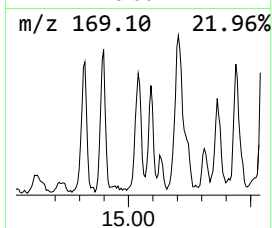
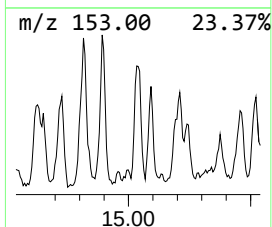
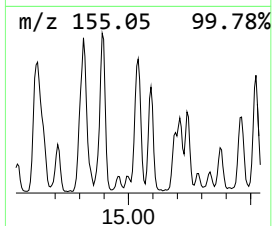
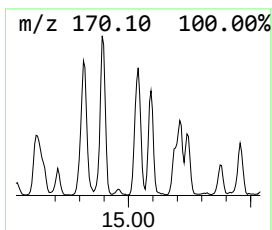
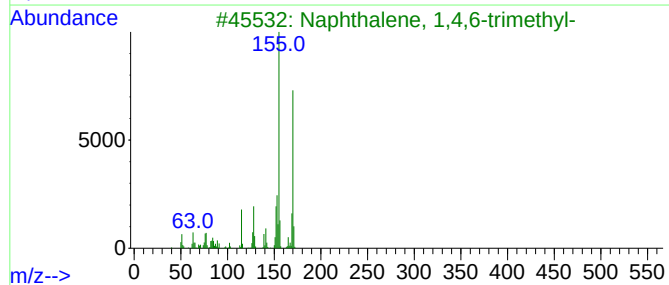
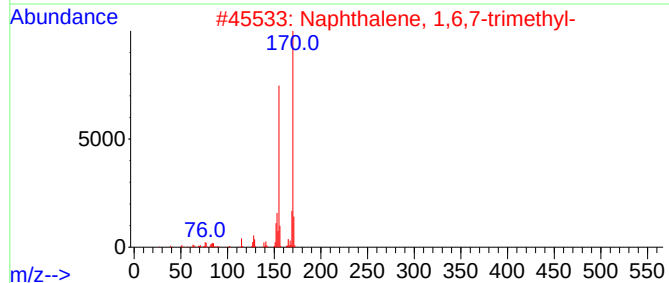
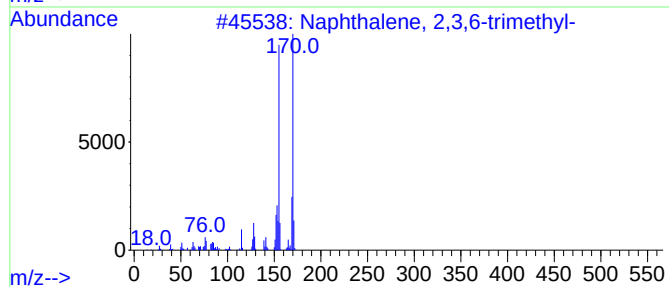
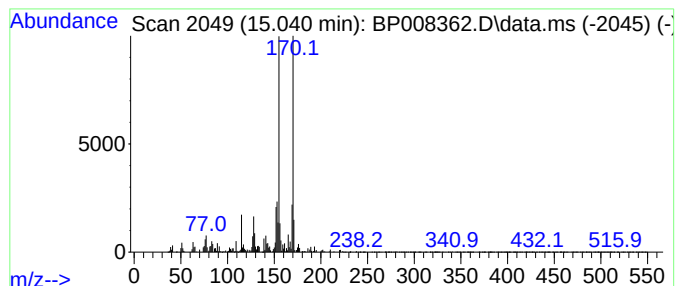
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.040	5.88 ng	287078	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

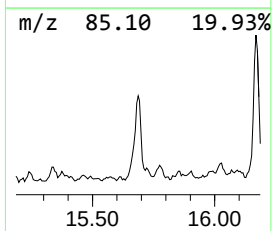
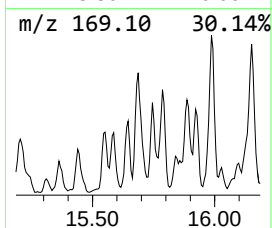
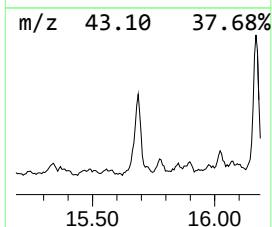
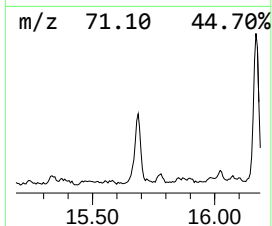
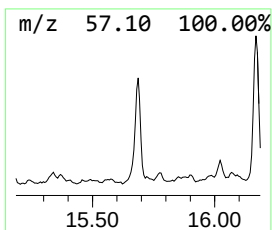
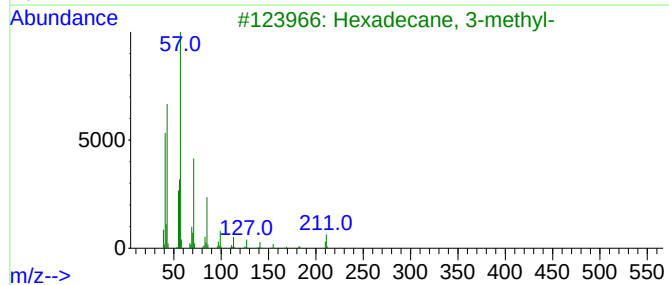
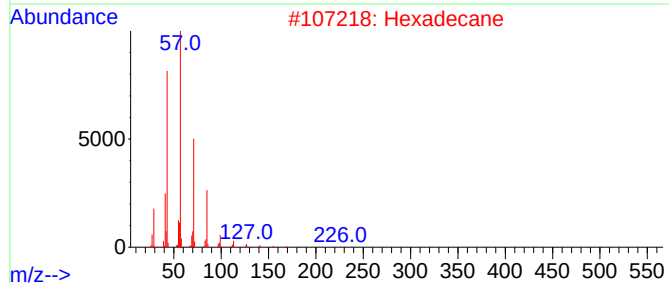
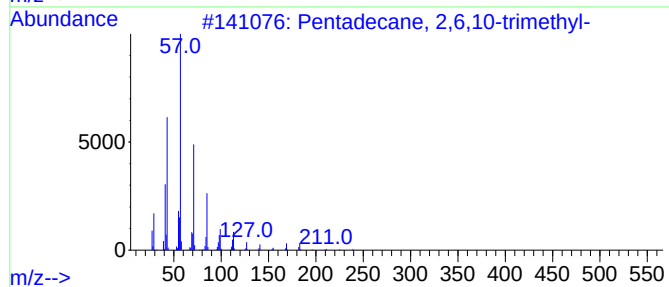
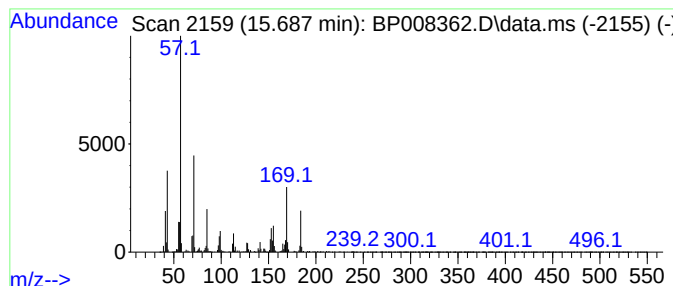
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.687	11.51 ng	562154	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	55
2		Hexadecane	226	C16H34	000544-76-3	50
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	49
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
5		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

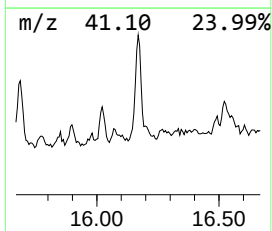
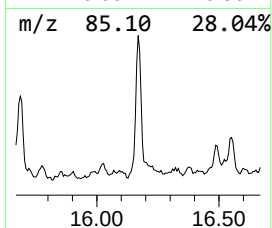
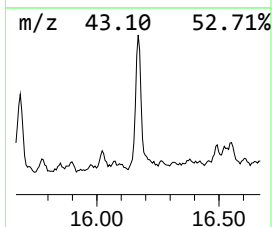
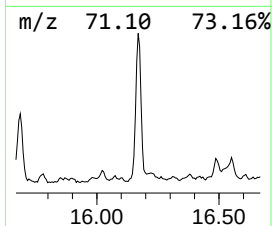
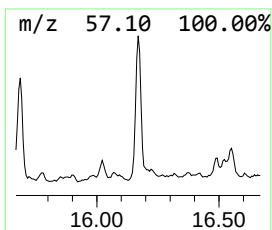
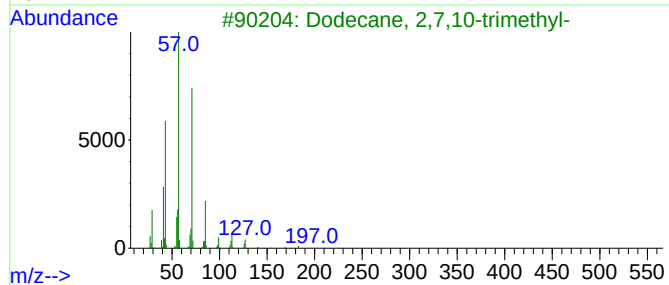
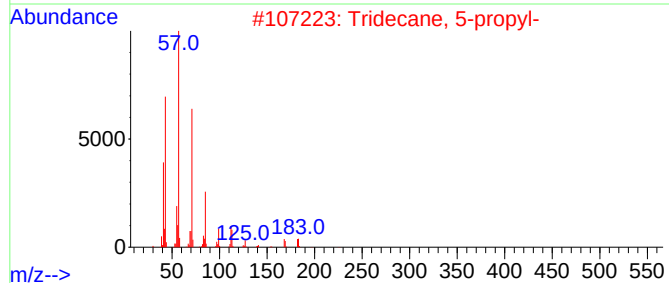
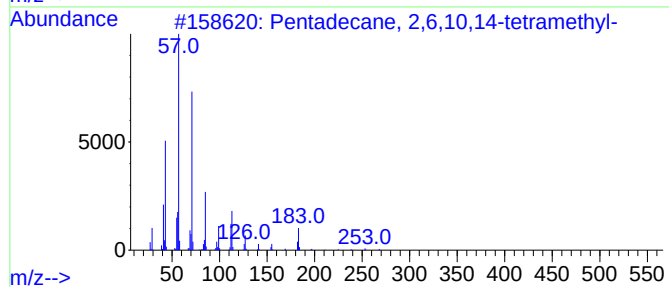
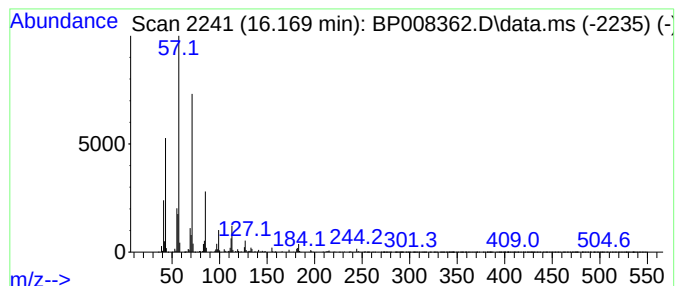
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	18.37 ng	883910	Phenanthrene-d10	17.181

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Tridecane, 3-ethyl-	212	C15H32	013286-73-2	86
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

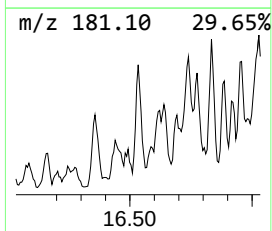
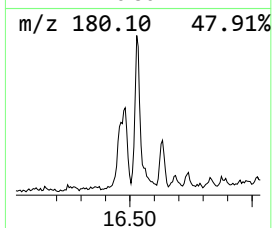
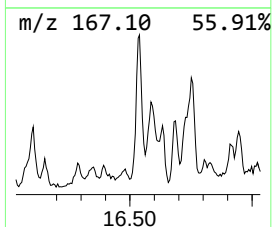
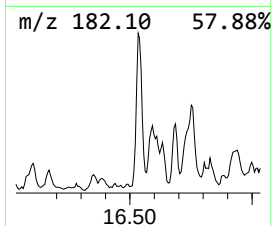
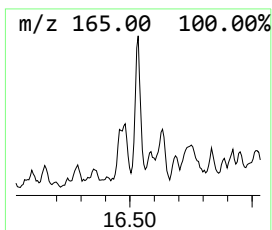
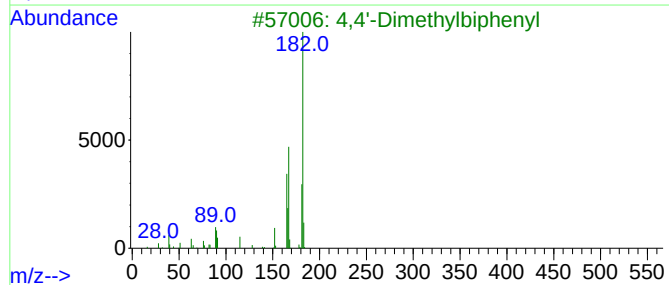
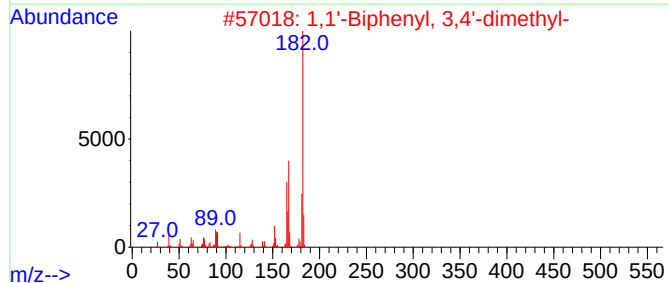
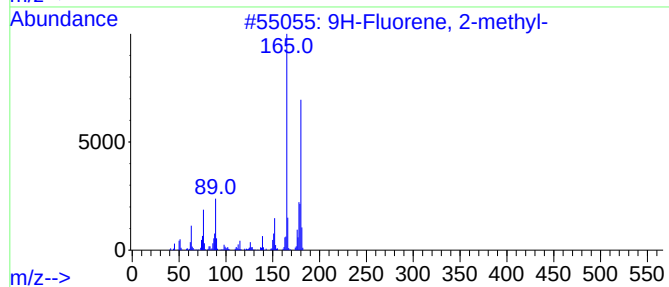
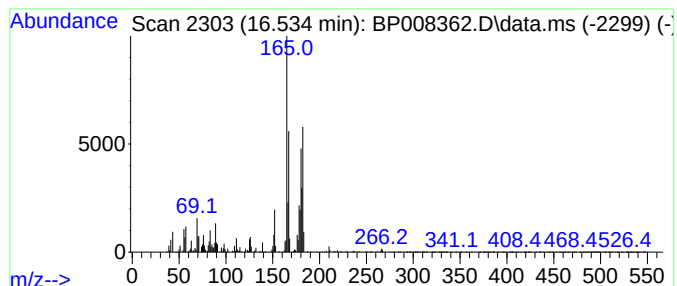
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.534	7.34 ng	353363	Phenanthrene-d10	17.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
2			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49
3			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	45
5			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
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Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
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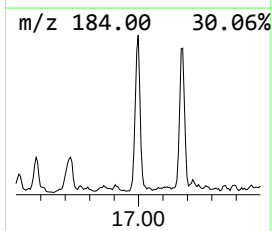
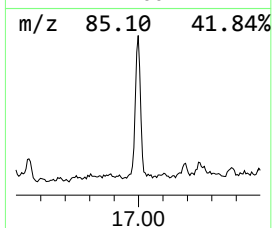
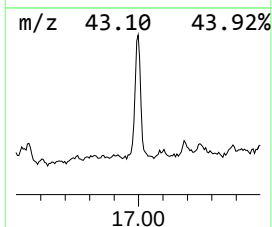
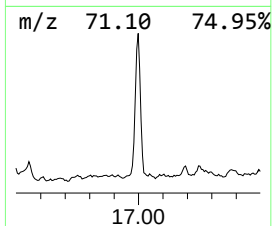
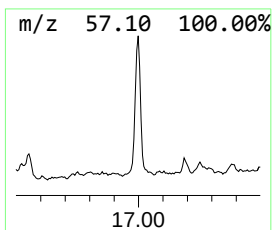
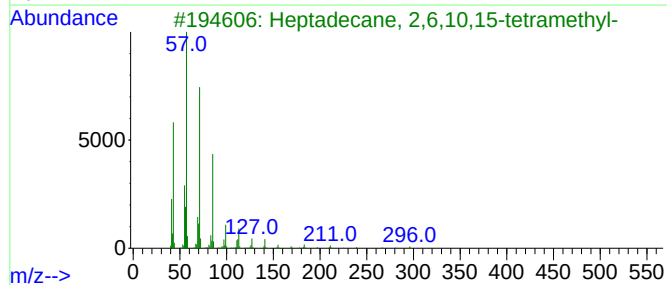
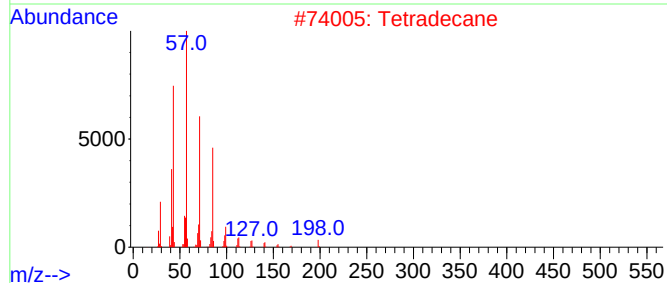
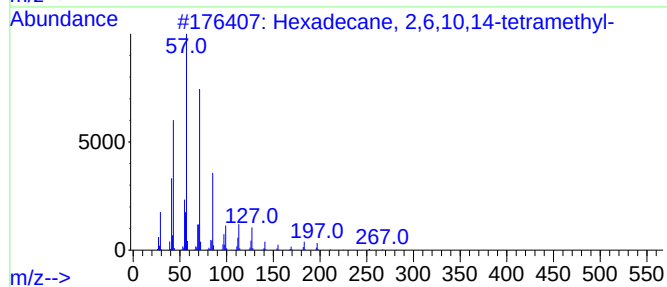
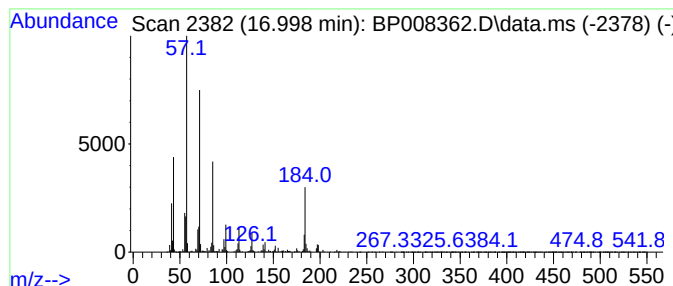
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BNA_P
ClientSampleId :
EAST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.998	23.58 ng	1134570	Phenanthrene-d10	17.181	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
2	Tetradecane	198	C14H30	000629-59-4	81
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

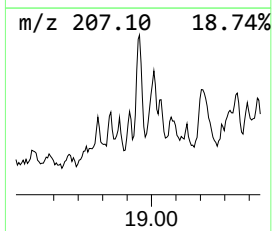
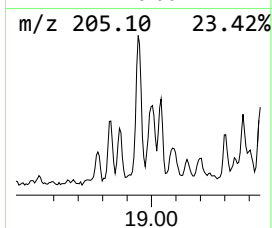
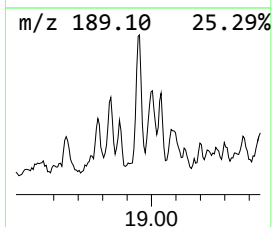
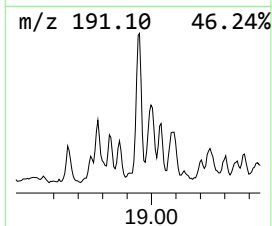
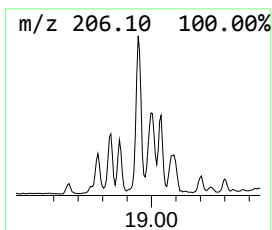
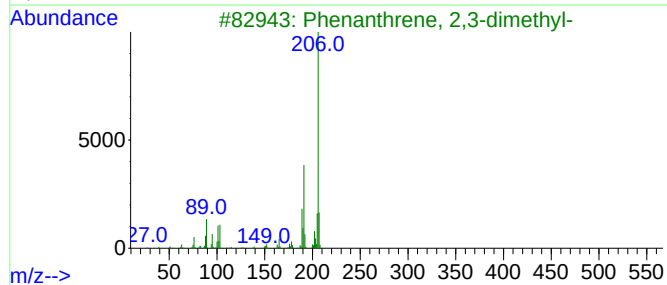
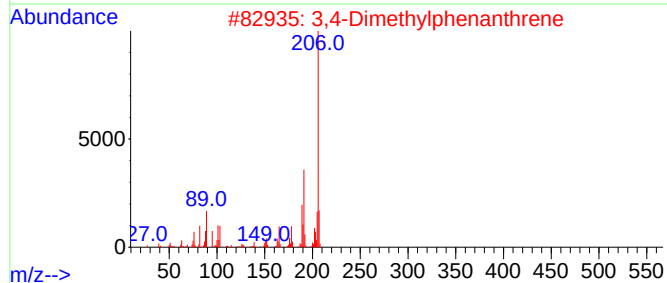
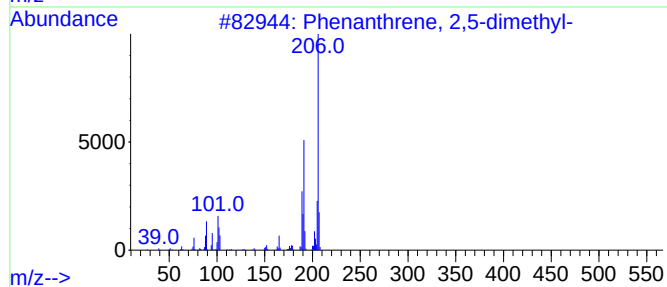
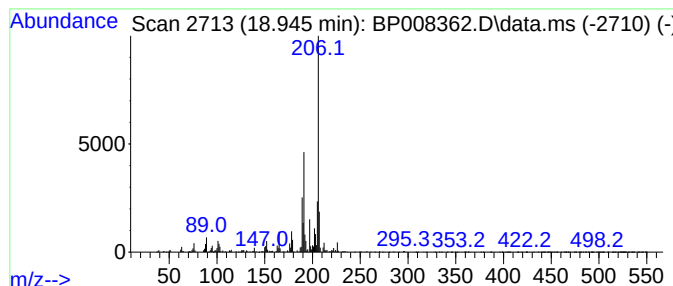
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	12.38 ng	595894	Phenanthrene-d10	17.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008362.D
Acq On : 11 Dec 2021 03:19
Operator : CG/JU
Sample : M4964-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

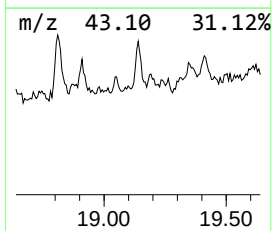
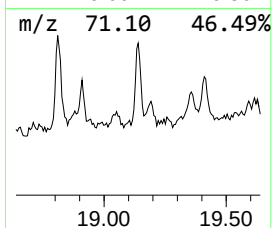
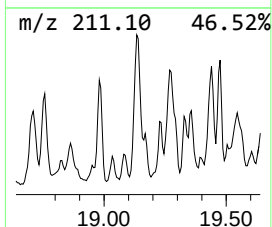
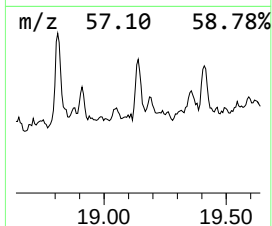
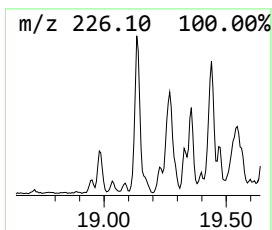
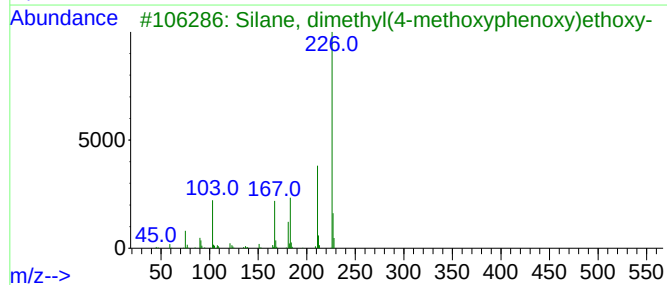
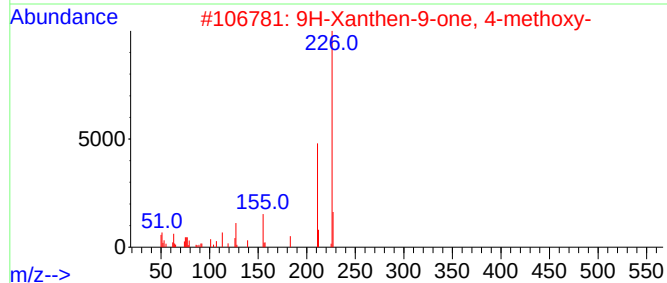
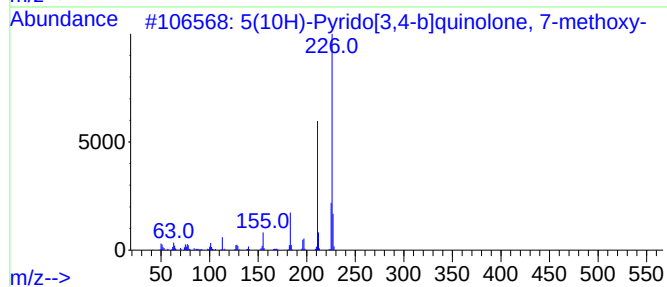
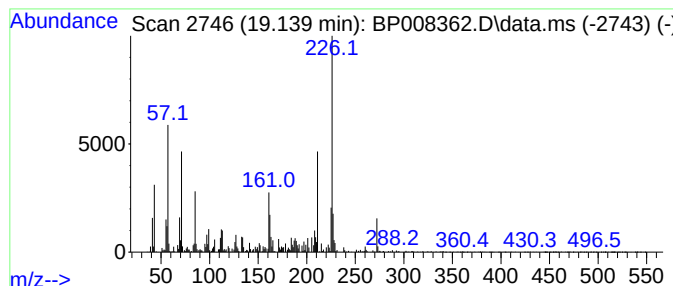
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.139 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	12.31 ng	592214	Phenanthrene-d10	17.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	43		
2	9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	43		
3	Silane, dimethyl(4-methoxyphenoxy)ethoxy-	226	C11H18O3Si	1000347-13-9	38		
4	Diheptylisobutylamine	269	C18H39N	1000310-32-0	37		
5	2-(Methylthio)phenazine	226	C13H10N2S	005752-54-5	35		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008362.D
 Acq On : 11 Dec 2021 03:19
 Operator : CG/JU
 Sample : M4964-02 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EAST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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
Benzene, 1-ethy...	8.863	5.1	ng	112525	1	7.758	442844	20.0
Hexadecane	8.993	5.6	ng	124082	1	7.758	442844	20.0
Cyclohexane, 2-...	11.046	3.7	ng	132064	2	10.557	706093	20.0
1H-Indene, 2,3-...	11.481	4.2	ng	148611	2	10.557	706093	20.0
6-Tridecene, 7-...	11.846	5.7	ng	202460	2	10.557	706093	20.0
Heptadecane, 2,...	12.951	6.0	ng	294705	3	14.416	976770	20.0
Naphthalene, 2,...	13.587	7.6	ng	370327	3	14.416	976770	20.0
Naphthalene, 2,...	13.734	8.4	ng	411205	3	14.416	976770	20.0
3-Ethyl-2,6,10-...	13.904	5.7	ng	279147	3	14.416	976770	20.0
Naphthalene, 1,...	14.634	9.0	ng	439701	3	14.416	976770	20.0
unknown14.822	14.822	6.2	ng	302704	3	14.416	976770	20.0
Naphthalene, 2,...	14.893	5.6	ng	272124	3	14.416	976770	20.0
unknown14.945	14.945	5.2	ng	251651	3	14.416	976770	20.0
Naphthalene, 1,...	15.040	5.9	ng	287078	3	14.416	976770	20.0
Pentadecane, 2,...	15.687	11.5	ng	562154	3	14.416	976770	20.0
Pentadecane, 2,...	16.169	18.4	ng	883910	4	17.181	962405	20.0
9H-Fluorene, 2-...	16.534	7.3	ng	353363	4	17.181	962405	20.0
Hexadecane, 2,6...	16.998	23.6	ng	1134570	4	17.181	962405	20.0
Phenanthrene, 2...	18.945	12.4	ng	595894	4	17.181	962405	20.0
unknown19.139	19.139	12.3	ng	592214	4	17.181	962405	20.0