

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135982.D
 Acq On : 27 Oct 2023 13:54
 Operator : CG\JU
 Sample : 05027-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-DRUMS-SOLID

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-BF102523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135982.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	15	rVB	712571	758682	11.46%	0.814%
2	5.057	497	505	510	rBV	89477	107834	1.63%	0.116%
3	5.451	567	572	576	rBV	2932760	2919406	44.09%	3.133%
4	6.451	737	742	745	rBV	2742471	2935009	44.33%	3.150%
5	6.828	802	806	813	rVB	1259079	1044191	15.77%	1.121%
6	7.092	848	851	856	rBV2	80113	77325	1.17%	0.083%
7	7.351	890	895	897	rBV2	194587	256451	3.87%	0.275%
8	7.386	897	901	903	rVV	2248391	1814344	27.40%	1.947%
9	7.422	903	907	911	rVB3	163064	186789	2.82%	0.200%
10	7.469	911	915	918	rBV4	95117	132599	2.00%	0.142%
11	7.522	921	924	926	rBV2	109243	110411	1.67%	0.119%
12	7.581	930	934	935	rBV3	59978	75278	1.14%	0.081%
13	7.698	950	954	956	rBV3	108035	140761	2.13%	0.151%
14	7.745	960	962	966	rBV2	343003	427716	6.46%	0.459%
15	7.863	978	982	985	rBV4	225433	354560	5.35%	0.381%
16	7.933	991	994	997	rBV2	101034	127630	1.93%	0.137%
17	7.992	999	1004	1007	rBV4	252527	400608	6.05%	0.430%
18	8.051	1012	1014	1016	rBV3	139641	144647	2.18%	0.155%
19	8.104	1018	1023	1027	rVB2	1870984	2345444	35.42%	2.517%
20	8.139	1027	1029	1030	rBV2	144266	115352	1.74%	0.124%
21	8.175	1032	1035	1036	rBV	440962	310682	4.69%	0.333%
22	8.192	1036	1038	1040	rVB	277488	224034	3.38%	0.240%
23	8.216	1040	1042	1043	rBV	146329	83092	1.25%	0.089%
24	8.281	1050	1053	1056	rBV3	240704	258409	3.90%	0.277%
25	8.316	1056	1059	1061	rVB	722954	499298	7.54%	0.536%
26	8.339	1061	1063	1066	rBV	237131	220236	3.33%	0.236%
27	8.369	1066	1068	1070	rBV2	262098	285671	4.31%	0.307%
28	8.404	1070	1074	1076	rVV4	532939	598525	9.04%	0.642%
29	8.428	1076	1078	1081	rVB3	259751	214591	3.24%	0.230%
30	8.457	1081	1083	1084	rBV2	381962	297886	4.50%	0.320%
31	8.492	1087	1089	1092	rBV2	358469	379031	5.72%	0.407%
32	8.539	1092	1097	1098	rBV	1280953	1301280	19.65%	1.397%
33	8.551	1098	1099	1101	rVV	754470	576091	8.70%	0.618%
34	8.575	1101	1103	1106	rVB	859490	745609	11.26%	0.800%
35	8.616	1106	1110	1112	rBV3	545120	587489	8.87%	0.631%
36	8.657	1112	1117	1121	rBV5	1019885	1355175	20.47%	1.454%

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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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.710	1123	1126	1129	rBV	1388969	1200768	18.14%	1.289%
38	8.769	1134	1136	1139	rVV4	383005	442983	6.69%	0.475%
39	8.798	1139	1141	1146	rVB3	763040	900677	13.60%	0.967%
40	8.857	1148	1151	1155	rBV5	927438	1056459	15.96%	1.134%

41	8.892	1155	1157	1159	rBV	628599	482561	7.29%	0.518%
42	8.998	1172	1175	1178	rBV4	731554	897909	13.56%	0.964%
43	9.075	1185	1188	1190	rBV3	742624	837651	12.65%	0.899%
44	9.110	1191	1194	1196	rVV2	1294698	1358408	20.52%	1.458%
45	9.145	1197	1200	1203	rVB	1748719	1790736	27.05%	1.922%

46	9.186	1204	1207	1210	rBV	3213700	3062700	46.26%	3.287%
47	9.275	1218	1222	1227	rBV2	4972042	6621128	100.00%	7.106%
48	9.580	1272	1274	1276	rBV	2787965	2528633	38.19%	2.714%
49	9.604	1276	1278	1280	rVB	2017762	1510503	22.81%	1.621%
50	9.692	1291	1293	1295	rBV	1099682	773067	11.68%	0.830%

51	9.745	1298	1302	1304	rBV2	2198465	2891313	43.67%	3.103%
52	9.769	1304	1306	1307	rVV	1783597	1499090	22.64%	1.609%
53	9.786	1307	1309	1311	rVV	2721022	2240543	33.84%	2.405%
54	9.816	1311	1314	1318	rVV2	2780841	2739059	41.37%	2.940%
55	9.875	1318	1324	1327	rVB3	2005407	3862551	58.34%	4.146%

56	9.922	1328	1332	1336	rBV2	1145807	1822616	27.53%	1.956%
57	10.216	1380	1382	1385	rVB2	992567	744702	11.25%	0.799%
58	10.251	1385	1388	1391	rBV4	818483	969203	14.64%	1.040%
59	10.286	1391	1394	1396	rBV	1921533	1561548	23.58%	1.676%
60	10.316	1396	1399	1401	rBV	2604751	2081824	31.44%	2.234%

61	10.539	1434	1437	1443	rVB	2021183	2118575	32.00%	2.274%
62	10.663	1454	1458	1460	rBV2	1399160	1522347	22.99%	1.634%
63	10.810	1477	1483	1486	rBV	4224087	6364494	96.12%	6.831%
64	11.245	1554	1557	1559	rBV	2180411	1931981	29.18%	2.074%
65	11.274	1559	1562	1569	rVB	2429429	2545938	38.45%	2.732%

66	11.363	1575	1577	1582	rVB	965278	998342	15.08%	1.071%
67	11.621	1619	1621	1625	rVB	982739	897636	13.56%	0.963%
68	11.669	1627	1629	1633	rVB	2301871	2011464	30.38%	2.159%
69	12.080	1696	1699	1702	rVB	1873786	1478850	22.34%	1.587%
70	12.468	1762	1765	1768	rVB	1572707	1345999	20.33%	1.445%

71	12.839	1826	1828	1832	rVB	855638	770331	11.63%	0.827%
72	12.957	1844	1848	1852	rVB	1987719	1692375	25.56%	1.816%
73	13.198	1887	1889	1893	rVB	583135	498788	7.53%	0.535%
74	13.545	1945	1948	1951	rVB	304998	262131	3.96%	0.281%
75	13.874	2002	2004	2006	rVB	139434	95717	1.45%	0.103%

76	14.010	2023	2027	2037	rVB	997084	941266	14.22%	1.010%
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ClientSampleId :
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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.192	2056	2058	2061	rVB	91500	80817	1.22%	0.087%
78	14.892	2175	2177	2181	rVB	78678	82160	1.24%	0.088%
79	15.498	2275	2280	2285	rVB	839839	1036070	15.65%	1.112%
80	17.833	2672	2677	2685	rVB3	91088	208871	3.15%	0.224%

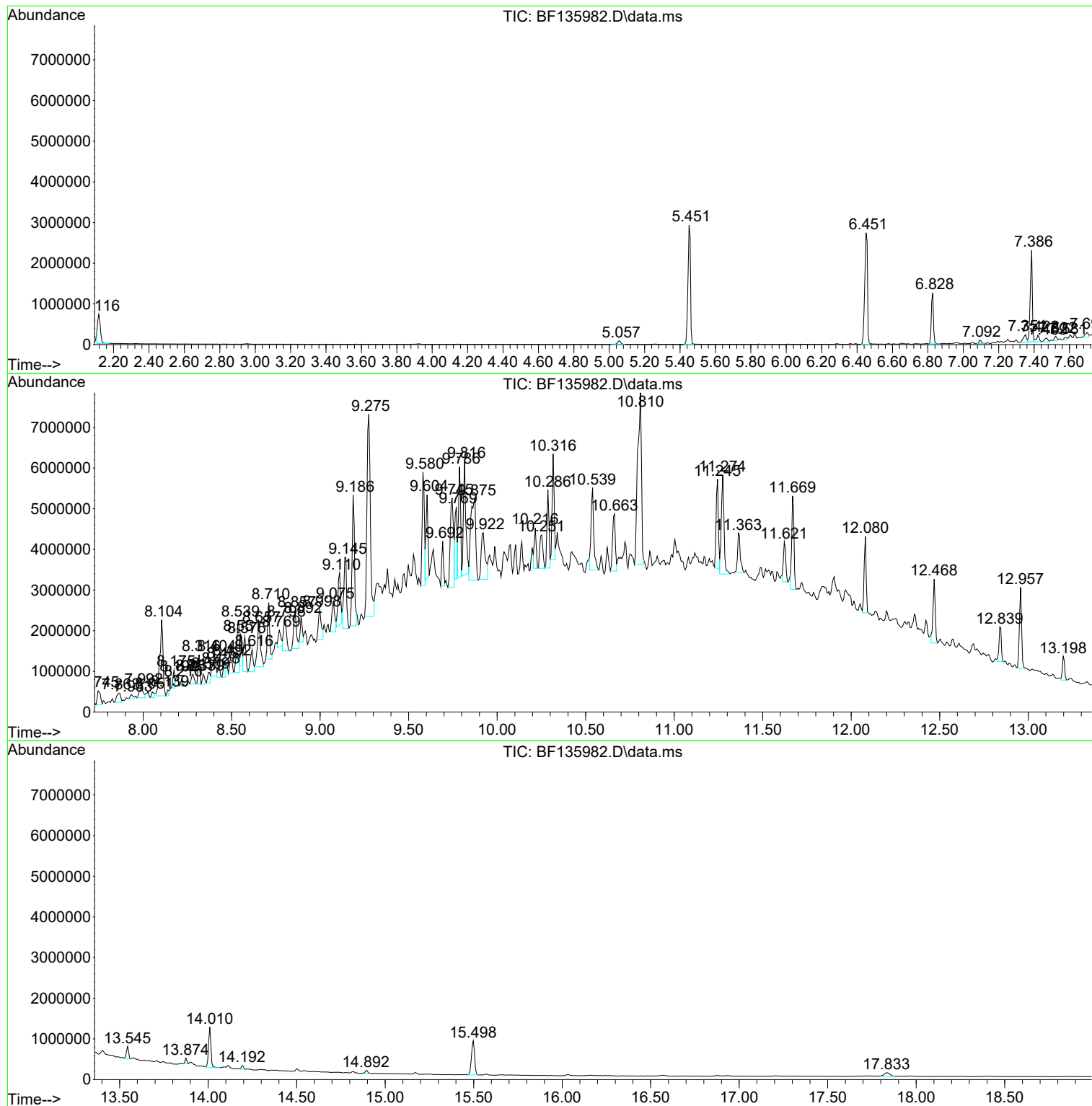
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
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Instrument :
BNA_F
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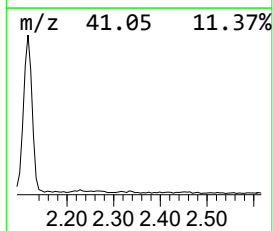
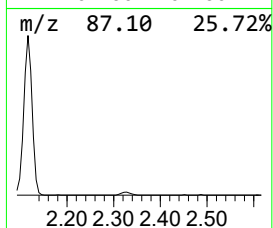
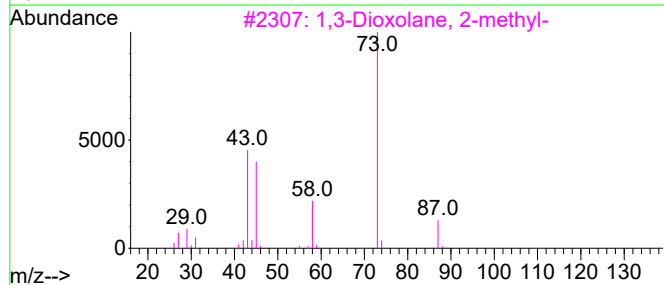
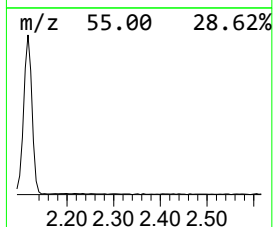
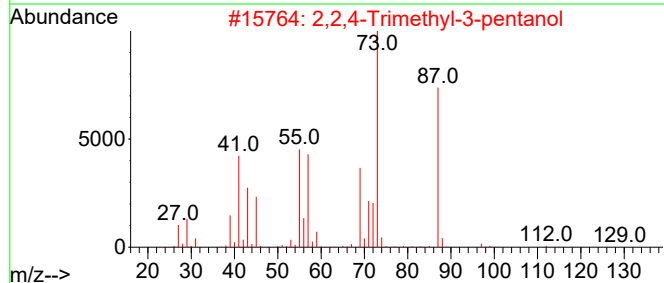
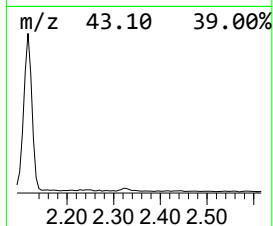
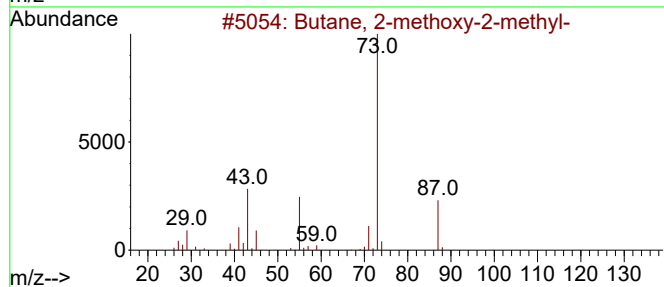
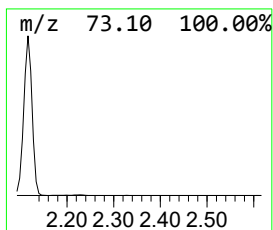
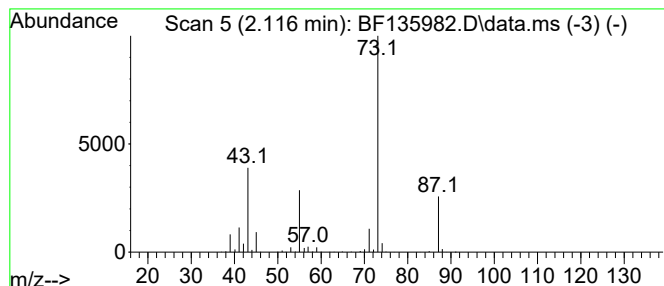
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	14.53 ng	758682	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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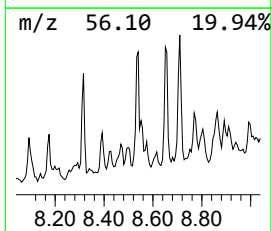
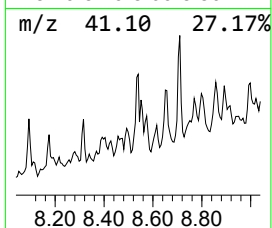
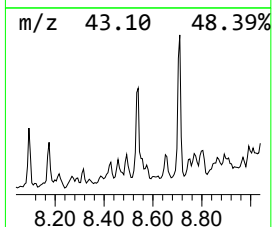
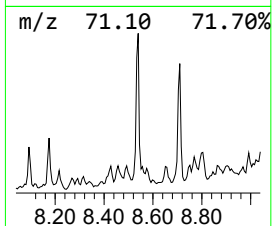
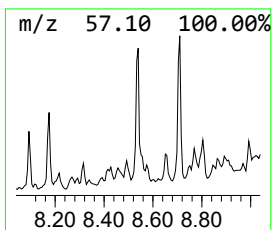
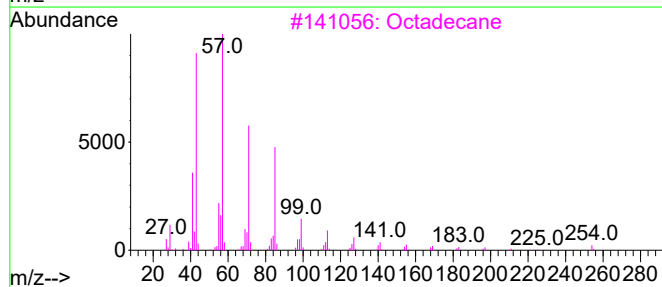
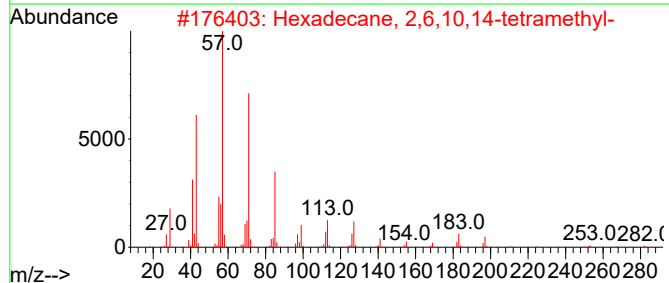
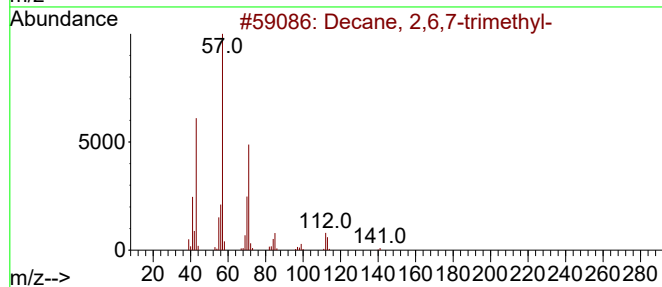
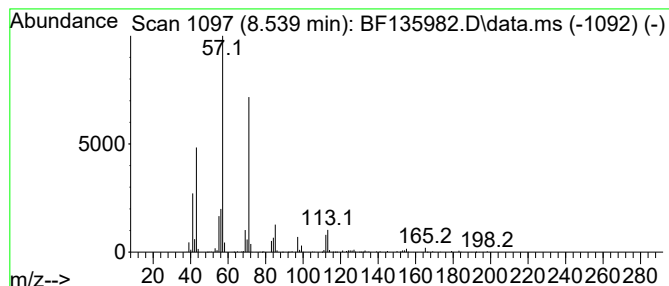
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 2,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	11.10 ng	1301280	Naphthalene-d8	8.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3			Octadecane	254	C18H38	000593-45-3	78
4			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
5			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	72



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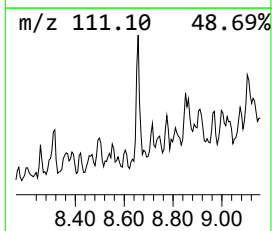
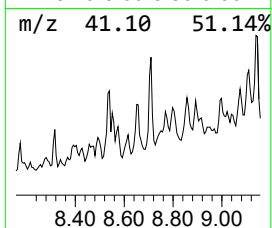
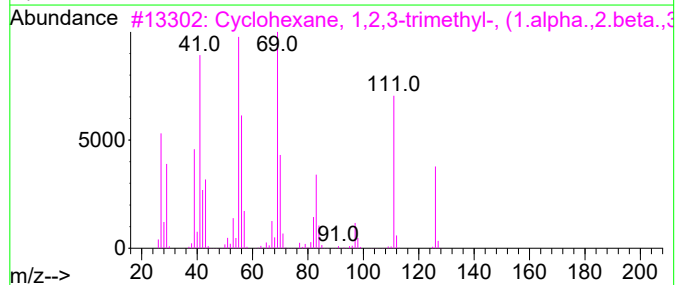
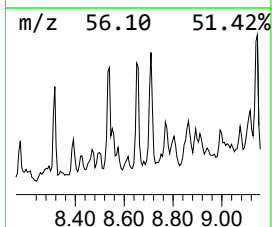
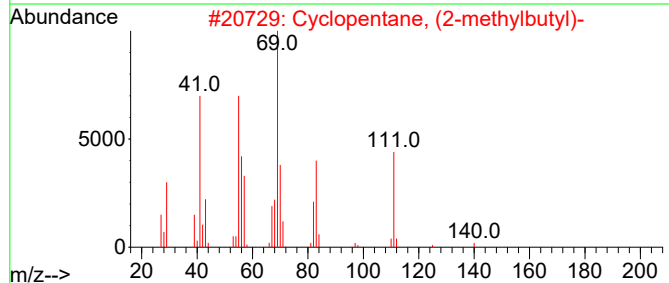
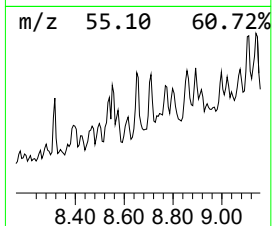
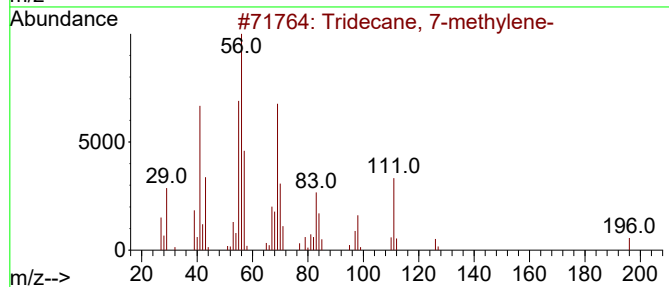
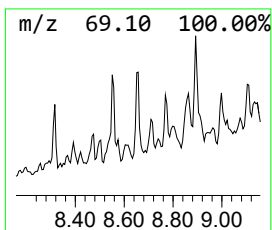
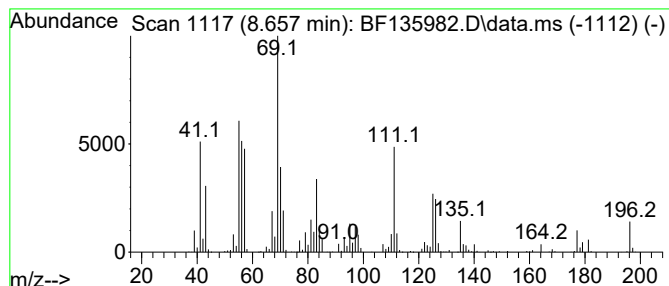
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane, 7-methylene- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.657	11.56 ng	1355180	Naphthalene-d8	8.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methylene-	196	C14H28	019780-80-4	64
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	62
3			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	49
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	45
5			Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	43



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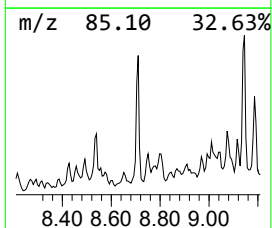
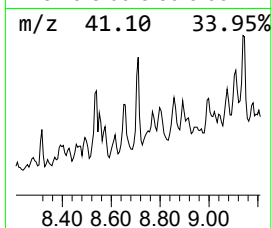
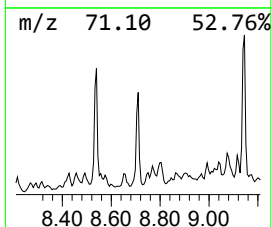
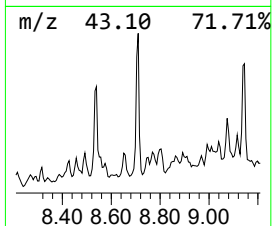
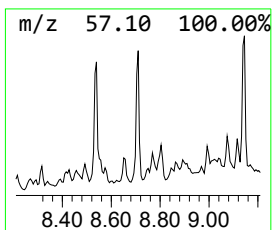
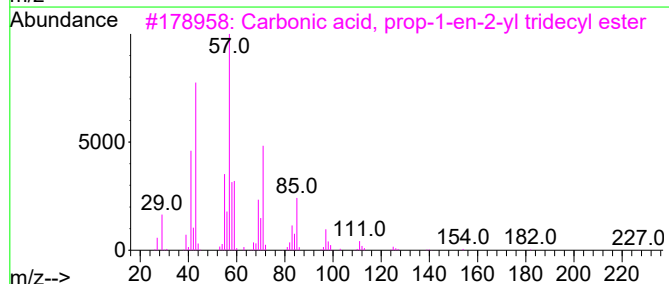
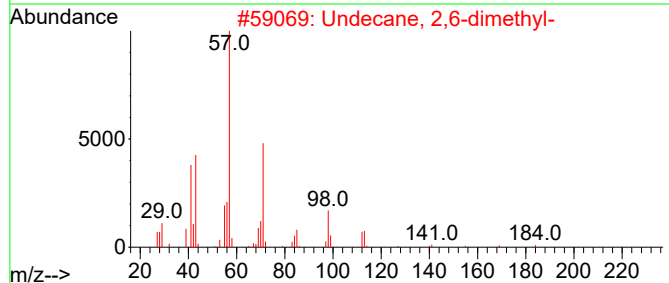
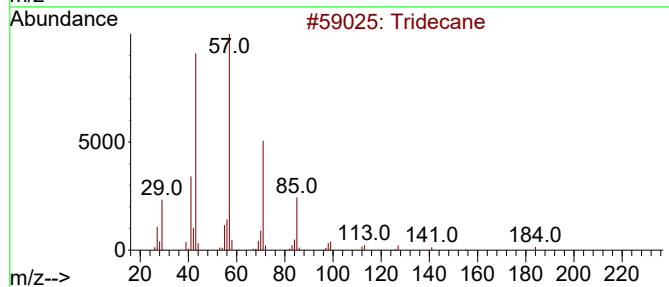
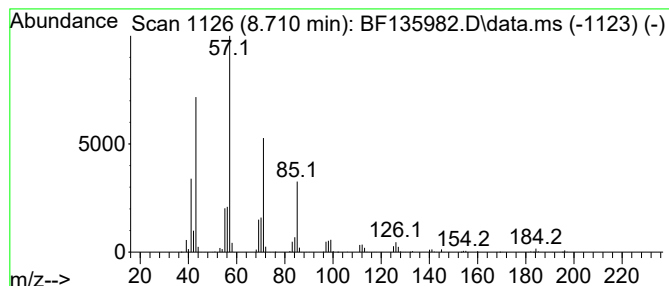
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.710	10.24 ng	1200770	Naphthalene-d8	8.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
4			Tetradecane	198	C14H30	000629-59-4	64
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
Operator : CG\JU
Sample : 05027-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

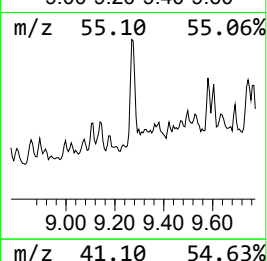
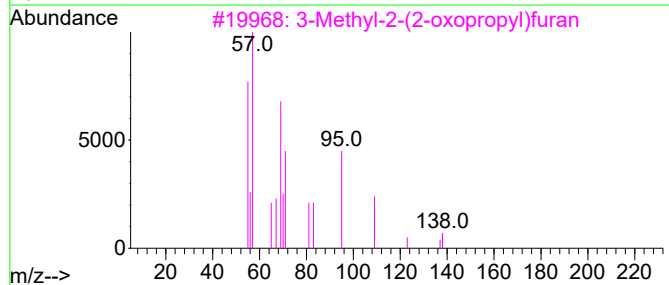
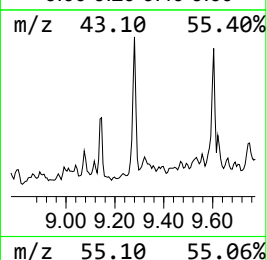
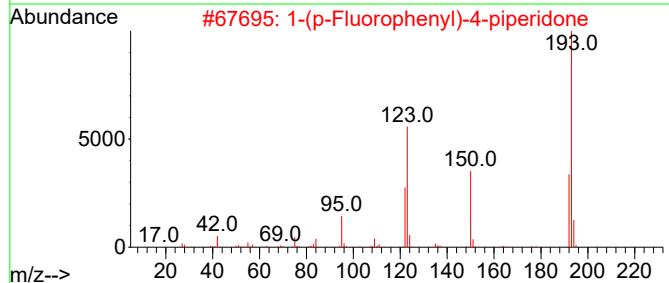
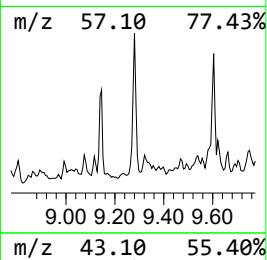
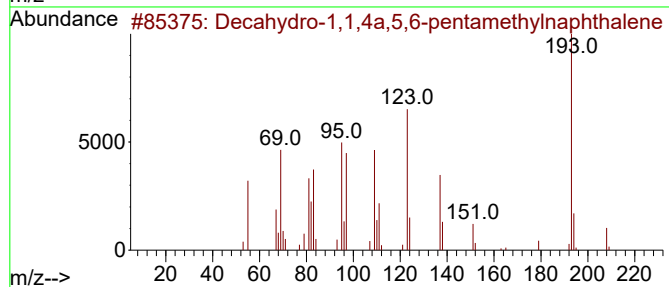
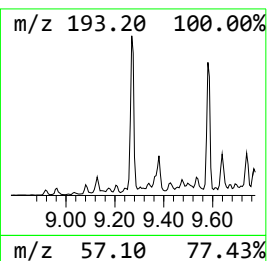
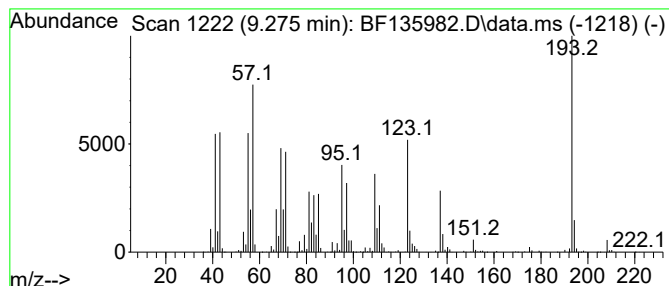
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.275	34.28 ng	6621130	Acenaphthene-d10			9.875
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	91
2	1-(p-Fluorophenyl)-4-piperidone		193	C11H12FNO	1000238-56-7	38
3	3-Methyl-2-(2-oxopropyl)furan		138	C8H10O2	087773-62-4	35
4	Dodecane, 6-cyclohexyl-		252	C18H36	013151-86-5	18
5	Tetratriacontyl pentafluoropropi...		641	C37H69F5O2	1000351-81-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
Operator : CG\JU
Sample : 05027-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

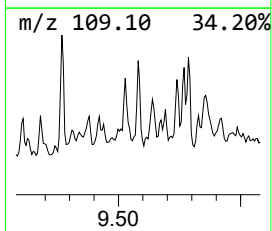
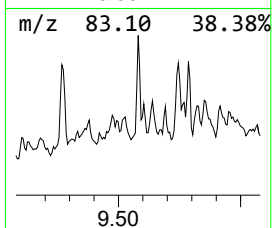
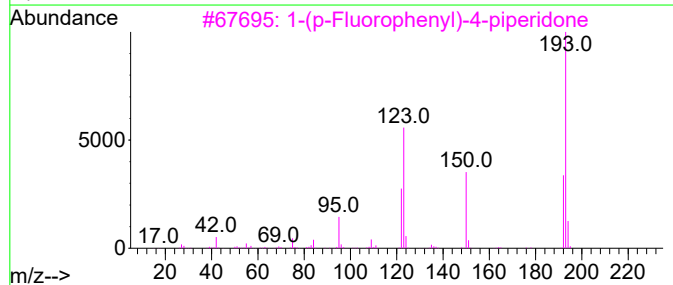
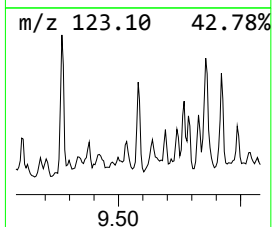
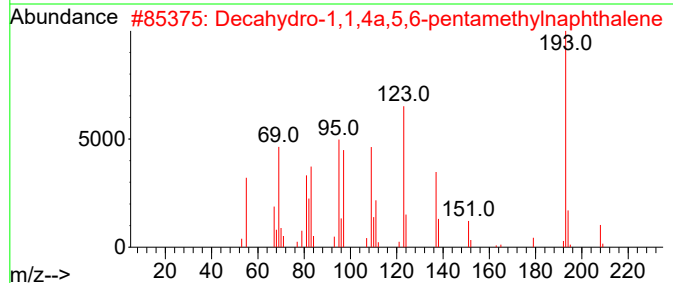
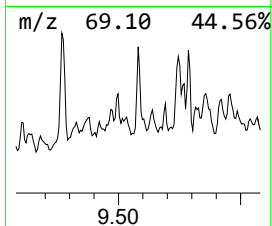
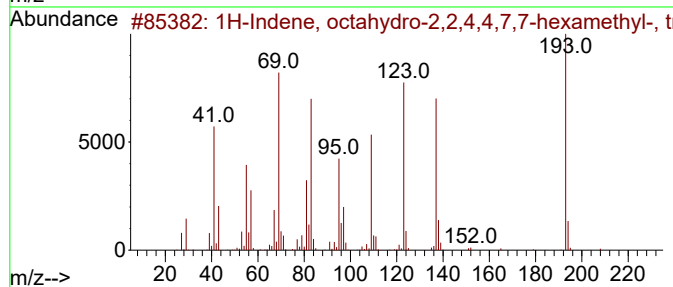
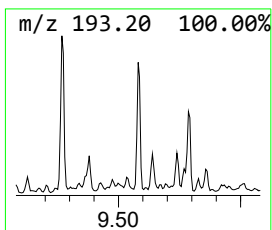
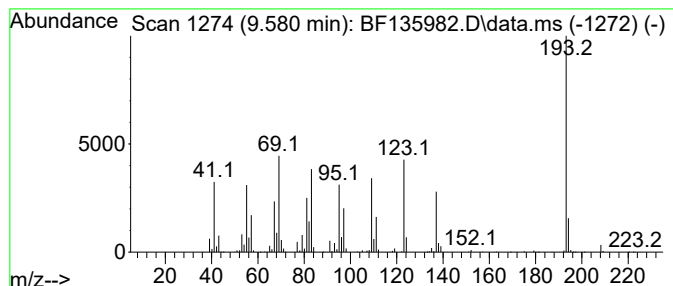
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.580 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.580	13.09 ng	2528630	Acenaphthene-d10		9.875	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...		208	C15H28	054832-83-6	39
2	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	37
3	1-(p-Fluorophenyl)-4-piperidone		193	C11H12FNO	1000238-56-7	37
4	1-Methyl-3-(trifluoromethyl)-1H-...		193	C7H10F3N3	1000511-73-1	35
5	1-Anthracenamine		193	C14H11N	000610-49-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
Operator : CG\JU
Sample : 05027-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
H-DRUMS-SOLID

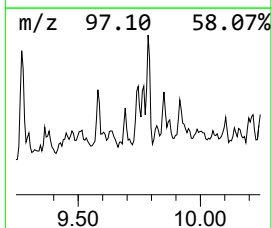
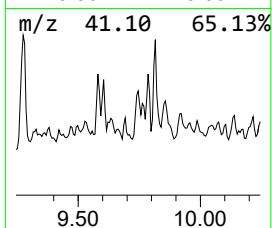
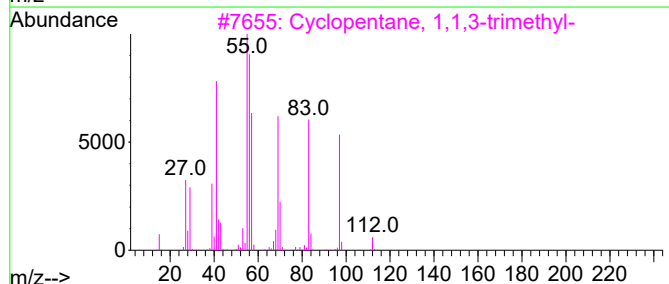
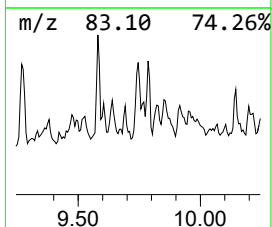
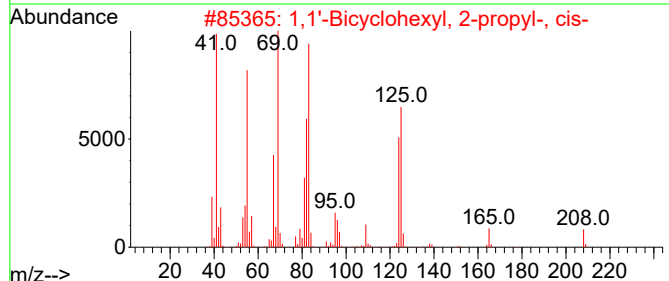
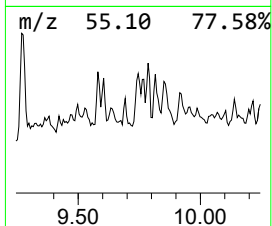
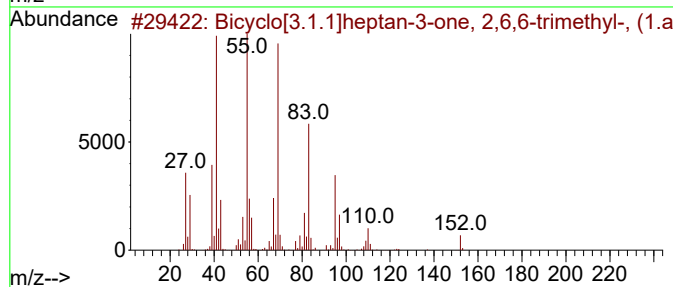
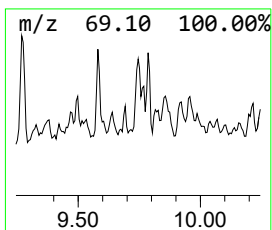
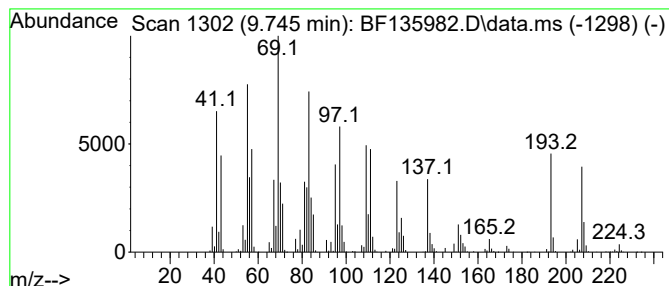
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.745 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	14.97 ng	2891310	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
2			1,1'-Bicyclohexyl, 2-propyl-, cis-	208	C15H28	054934-88-2	41
3			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35
5			Cyclopentane, 1,1'-[3-(2-cyclope...	304	C22H40	055255-85-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
Operator : CG\JU
Sample : 05027-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
H-DRUMS-SOLID

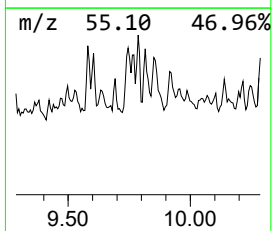
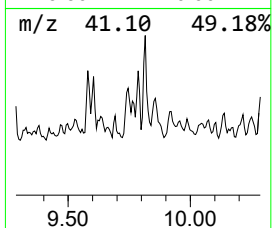
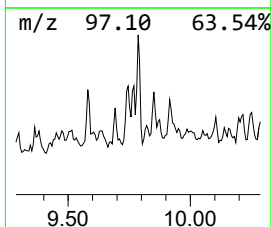
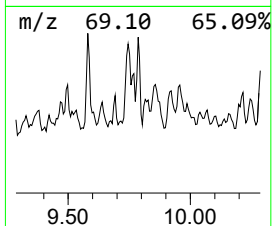
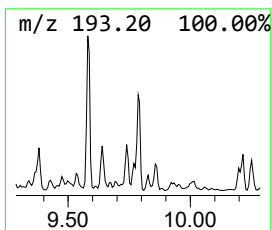
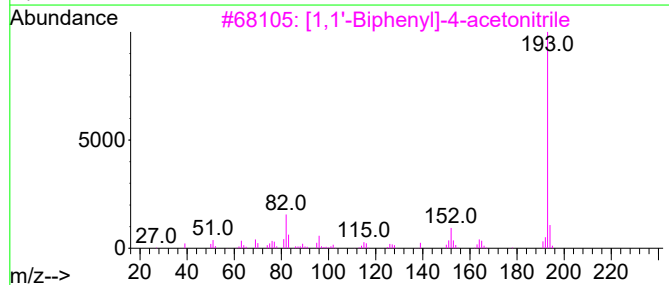
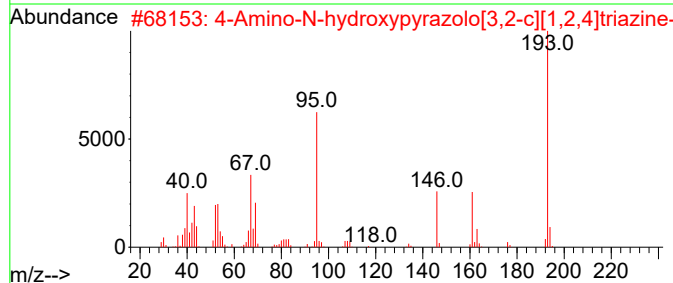
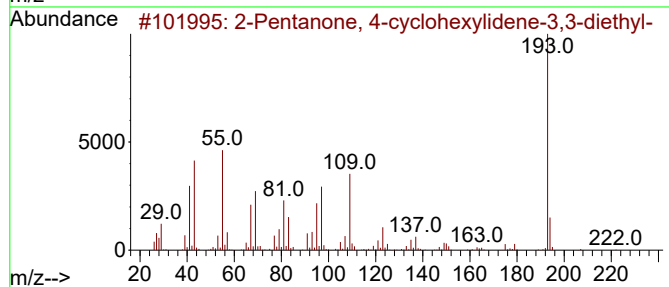
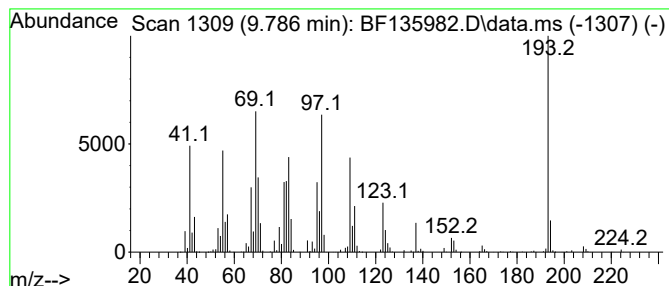
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.786 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	11.60 ng	2240540	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40		
2	4-Amino-N-hydroxypyrazolo[3,2-c]...	193	C6H7N7O	1000443-50-2	22		
3	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	18		
4	(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	18		
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	15		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
Operator : CG\JU
Sample : 05027-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

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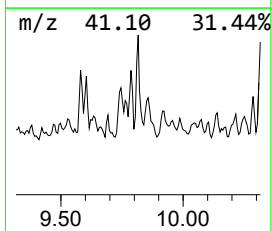
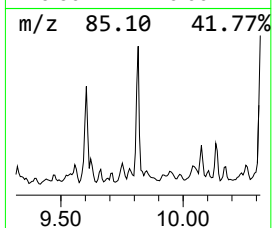
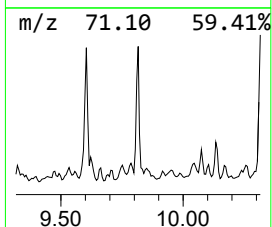
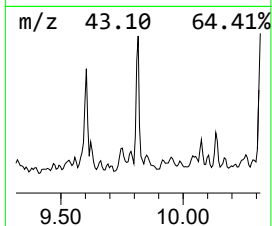
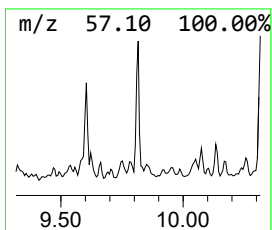
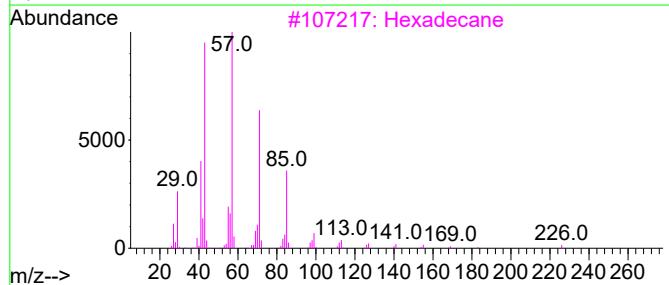
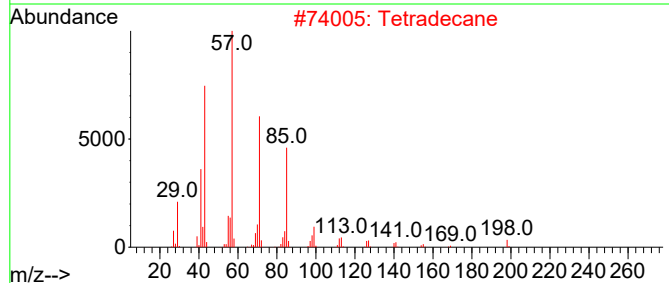
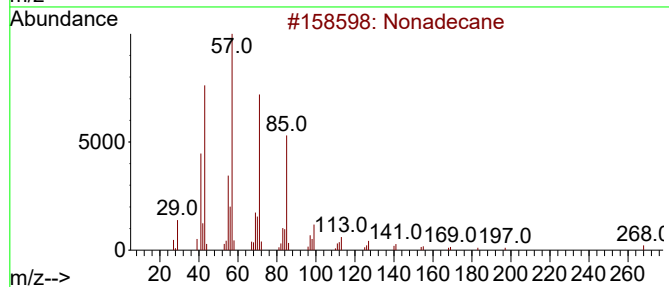
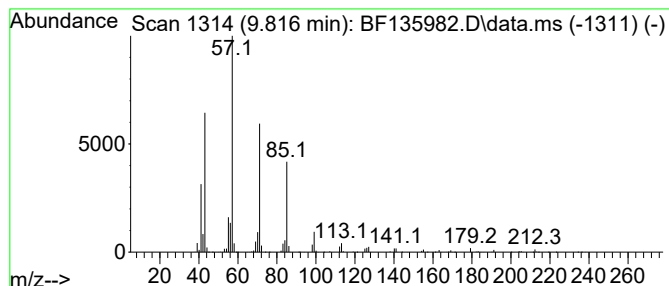
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	14.18 ng	2739060	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Tetradecane	198	C14H30	000629-59-4	86
3			Hexadecane	226	C16H34	000544-76-3	83
4			Tridecane	184	C13H28	000629-50-5	80
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
Operator : CG\JU
Sample : 05027-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

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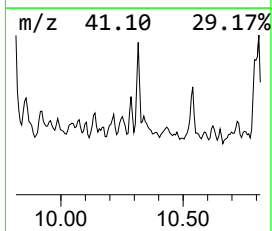
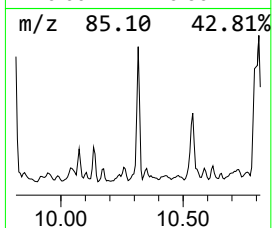
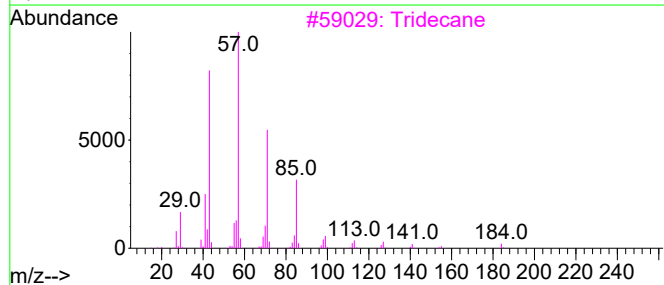
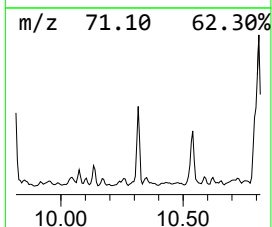
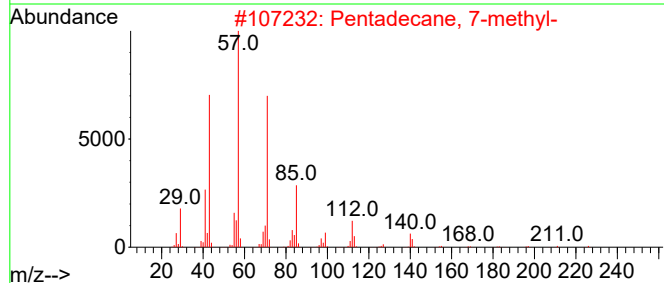
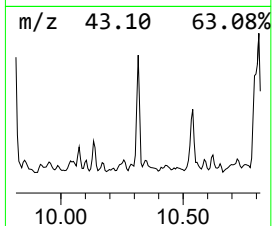
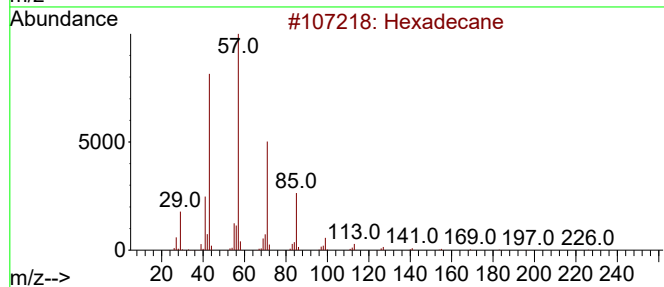
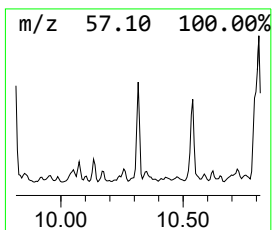
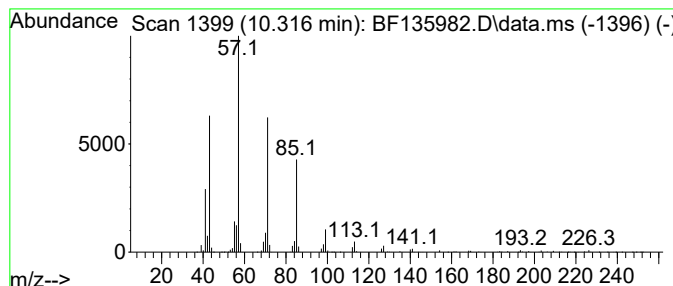
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.316	10.78 ng	2081820	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	76
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	74
3		Tridecane	184	C13H28	000629-50-5	72
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	68
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
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Operator : CG\JU
Sample : 05027-04
Misc :
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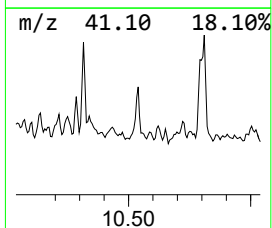
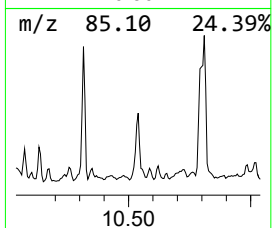
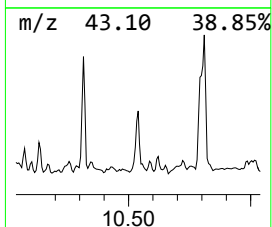
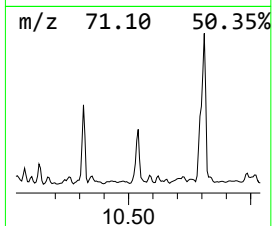
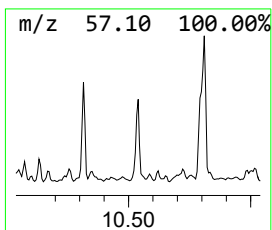
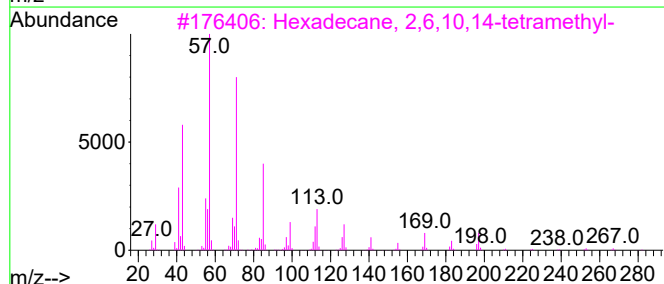
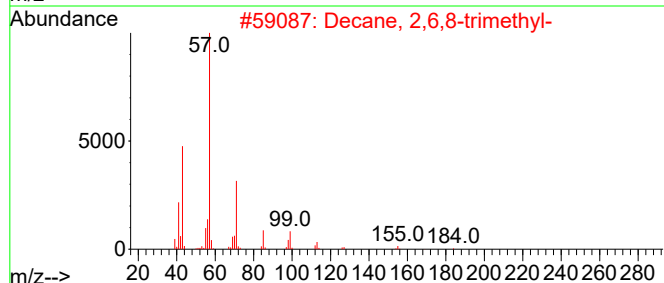
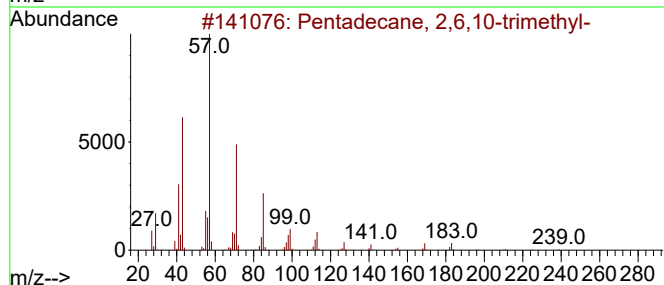
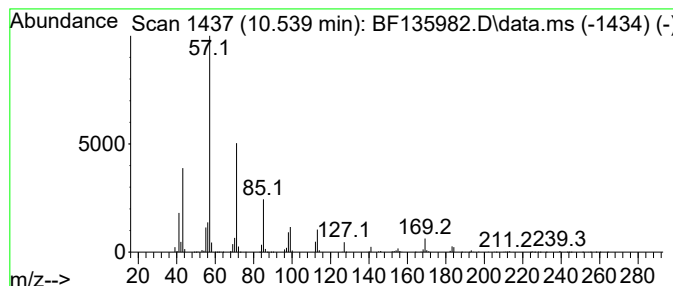
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.539	10.97 ng	2118580	Acenaphthene-d10	9.875	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
5	Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
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Sample : 05027-04
Misc :
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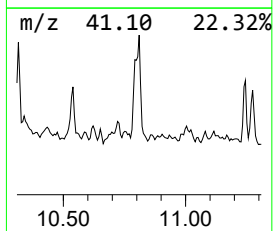
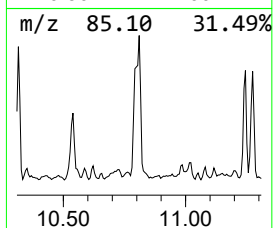
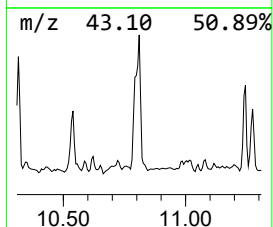
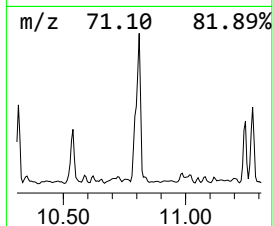
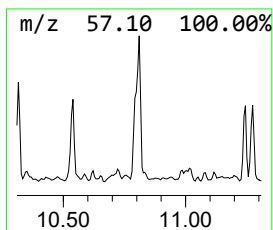
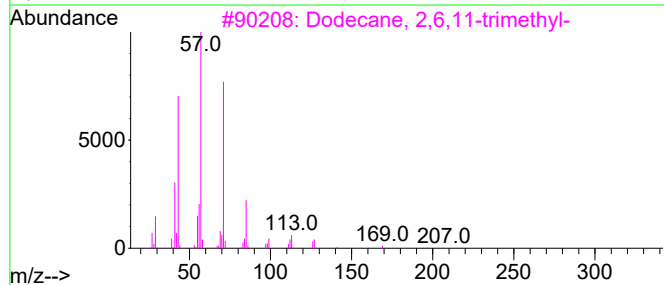
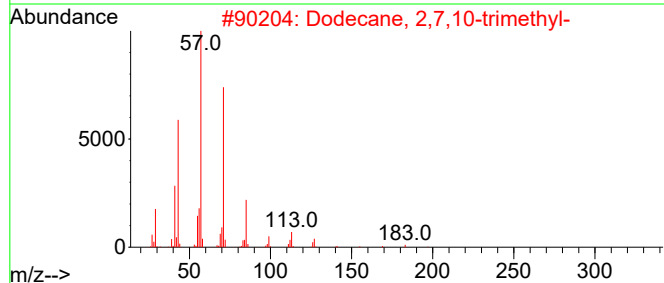
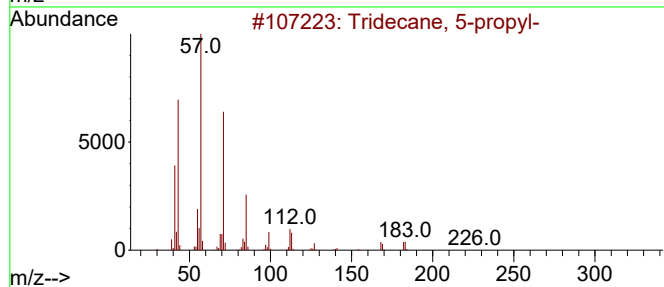
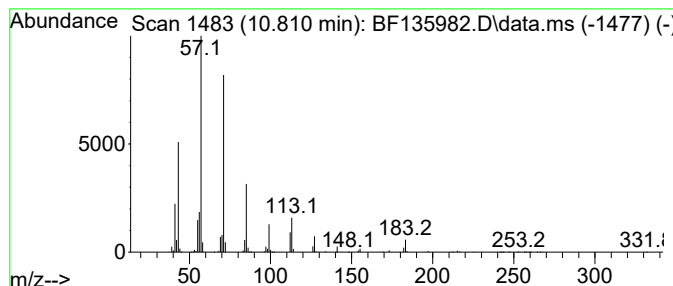
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.810	127.50 ng	6364490	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	83
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	64
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
4	Sulfurous acid, di(2-ethylhexyl)...		306	C16H34O3S	1000309-19-1	59
5	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
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ClientSampleId :
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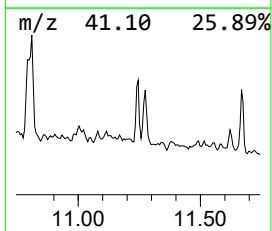
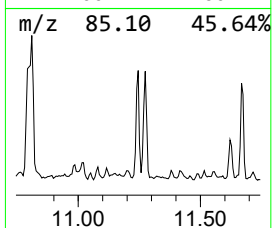
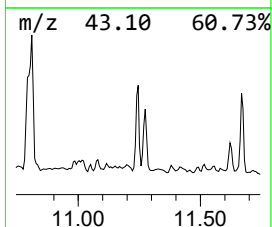
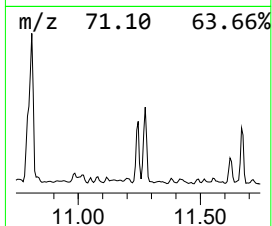
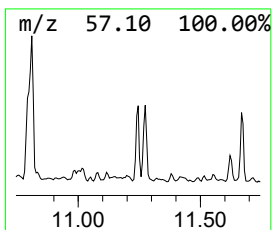
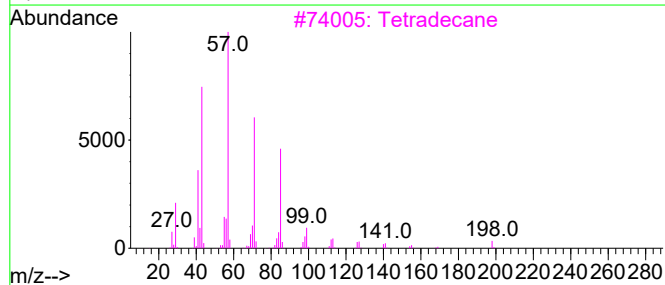
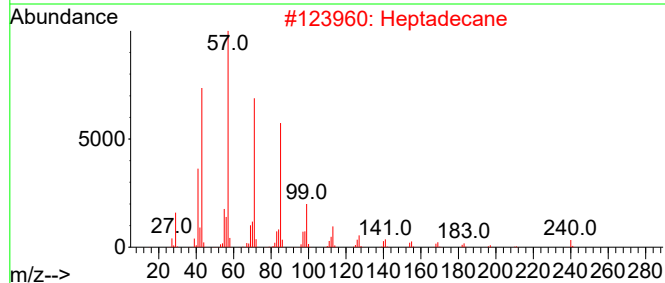
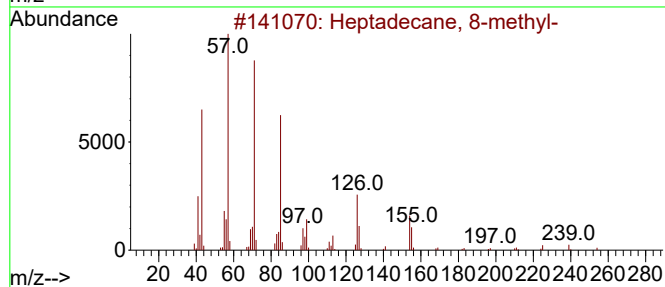
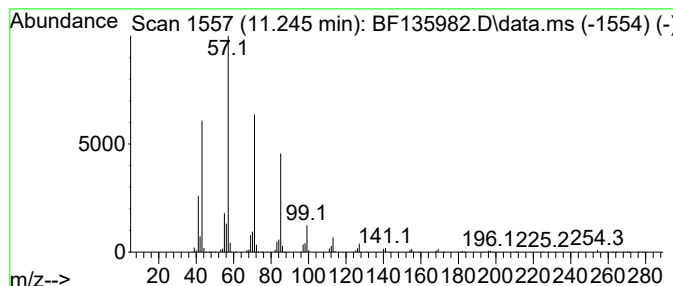
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptadecane, 8-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	38.70 ng	1931980	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2		Heptadecane	240	C17H36	000629-78-7	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
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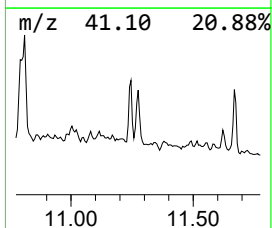
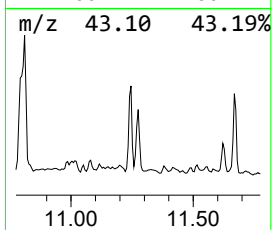
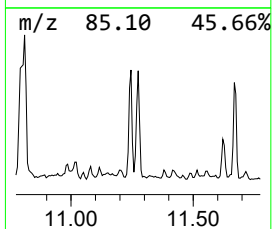
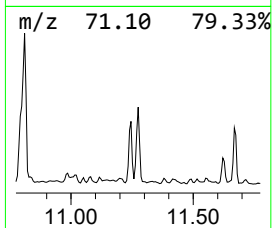
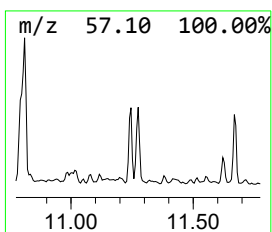
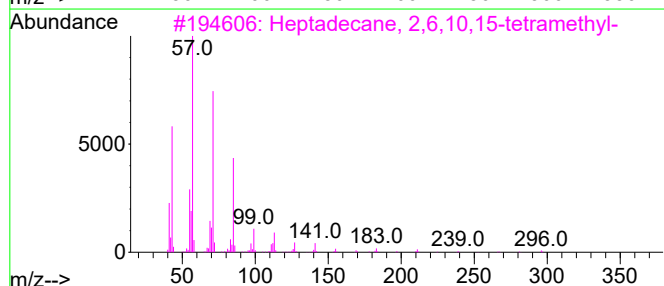
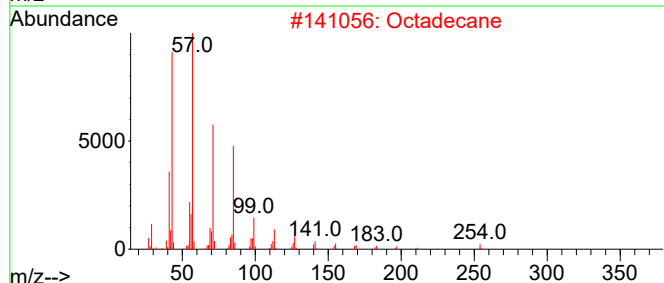
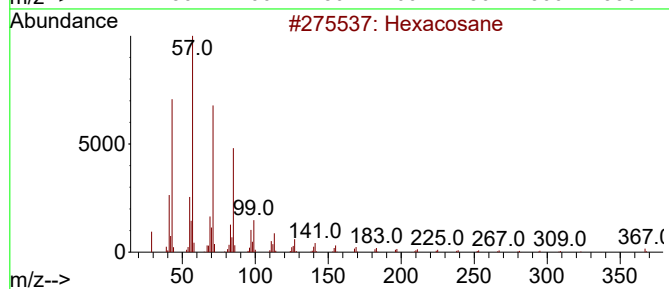
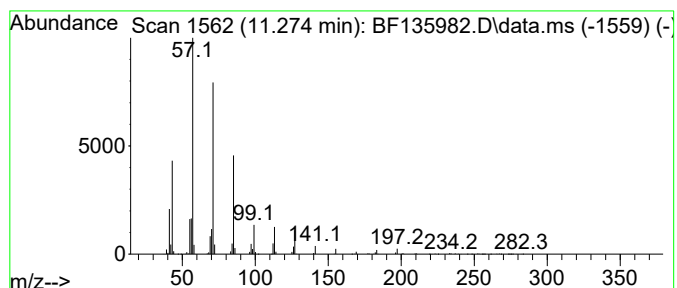
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.274	51.00 ng	2545940	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
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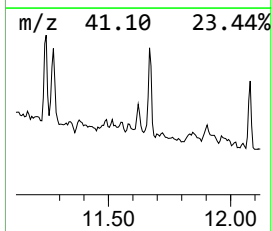
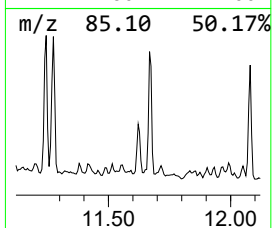
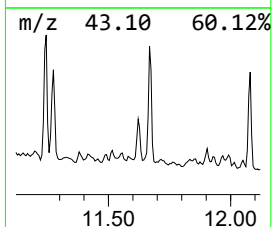
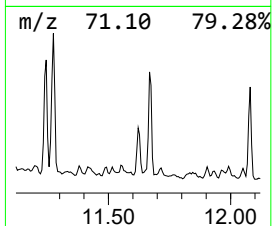
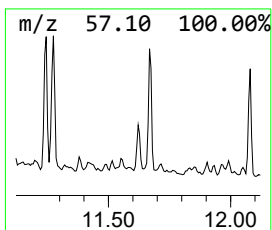
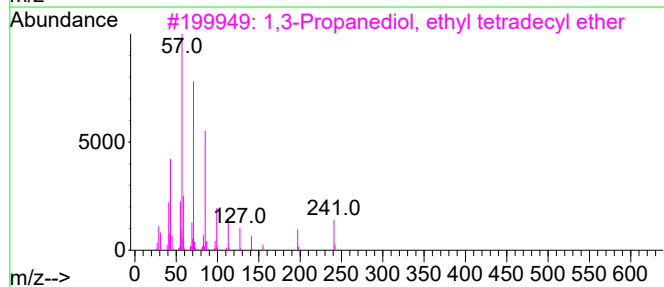
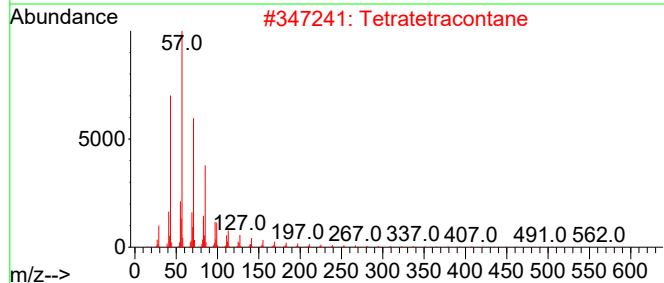
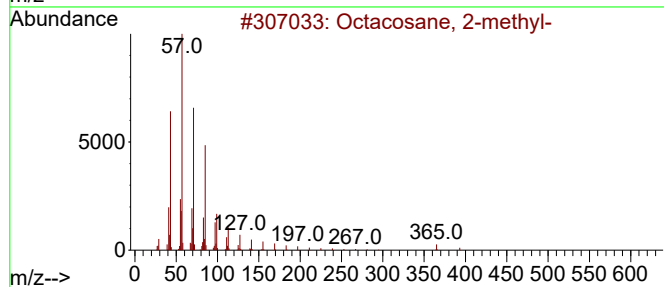
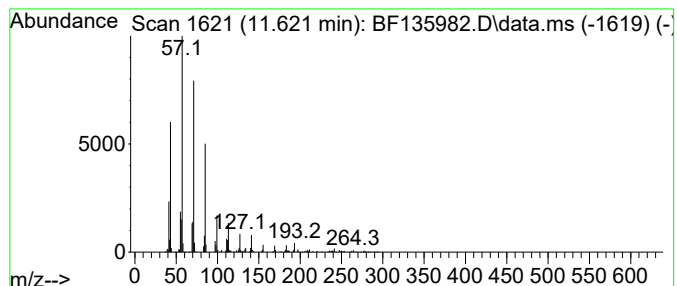
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octacosane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	17.98 ng	897636	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			1,3-Propanediol, ethyl tetradecy...	300	C19H40O2	1000406-35-2	91
4			Heptadecane	240	C17H36	000629-78-7	90
5			Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
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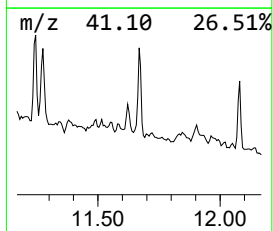
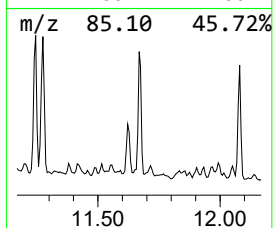
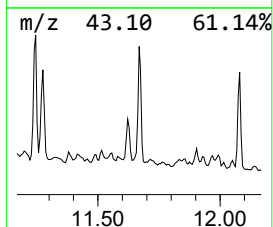
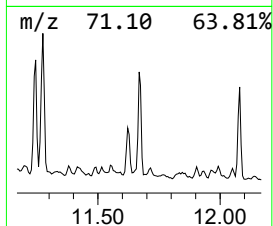
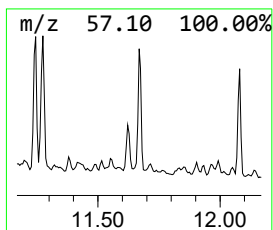
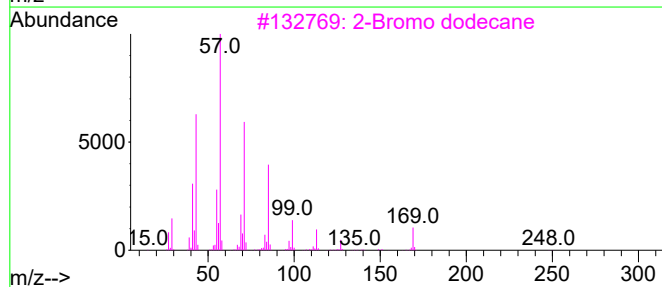
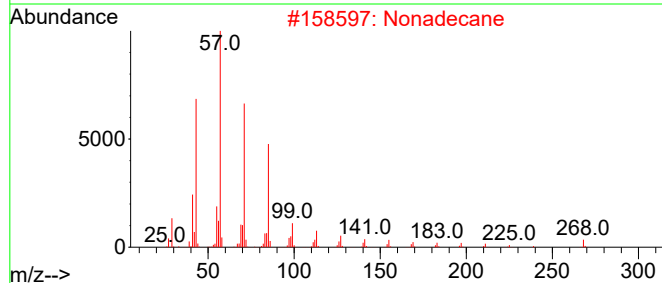
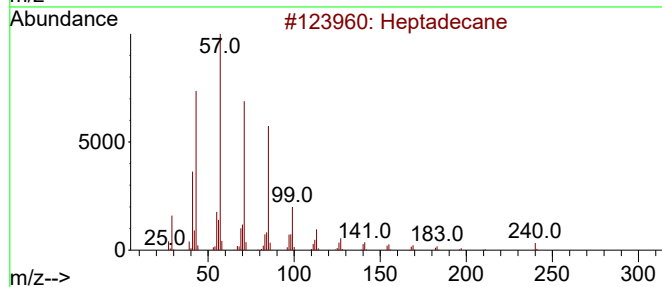
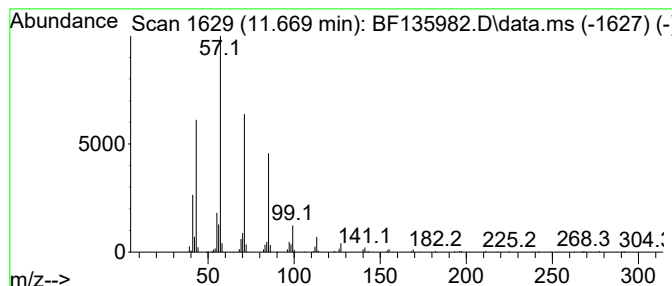
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.669	40.30 ng	2011460	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Nonadecane		268	C19H40	000629-92-5	94
3	2-Bromo dodecane		248	C12H25Br	013187-99-0	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Octadecane		254	C18H38	000593-45-3	86



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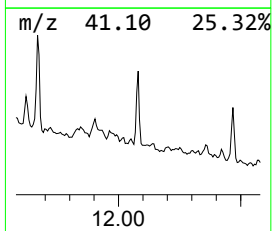
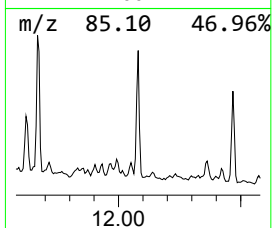
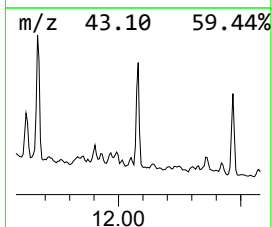
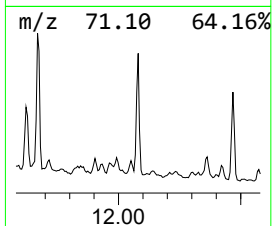
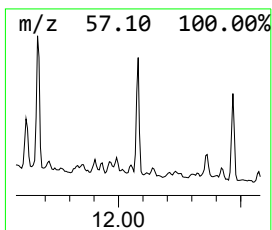
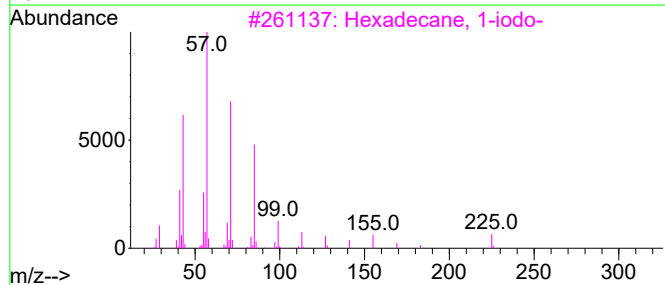
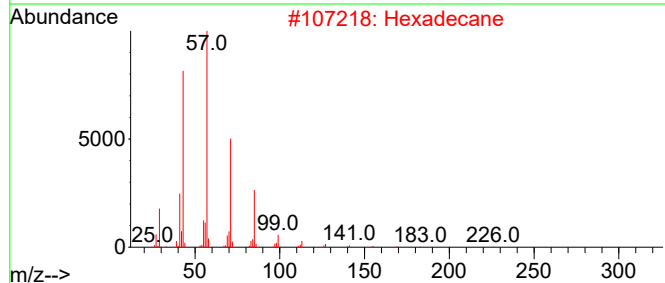
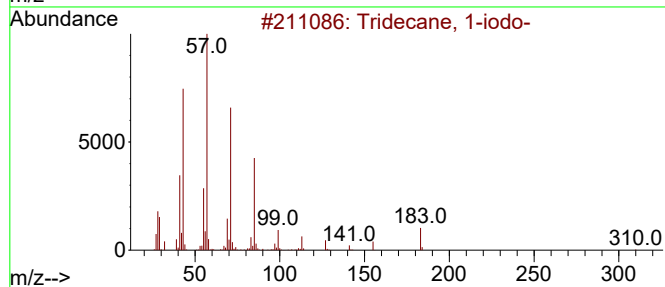
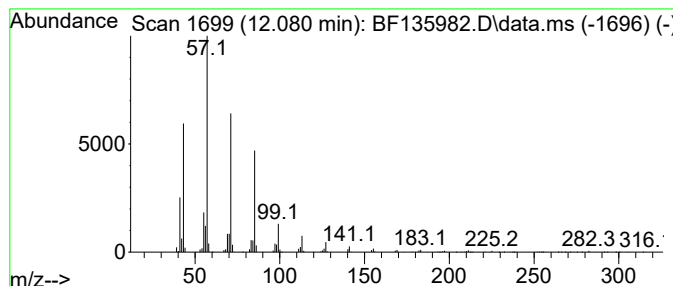
Instrument :
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ClientSampleId :
H-DRUMS-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.080	29.63 ng	1478850	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
Operator : CG\JU
Sample : 05027-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

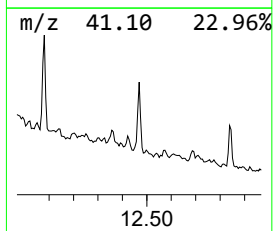
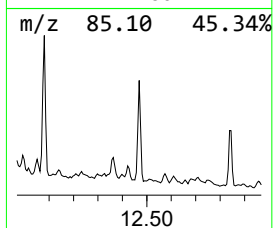
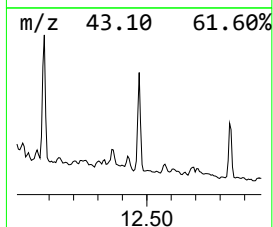
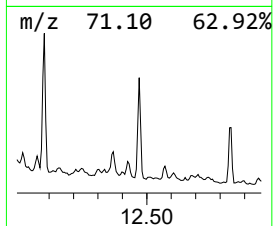
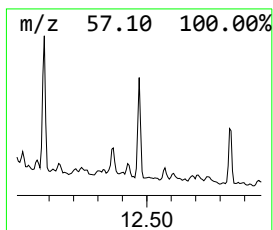
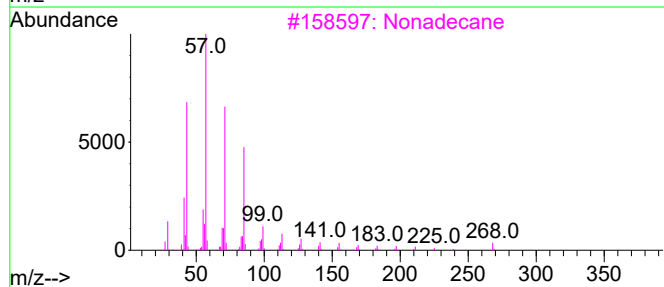
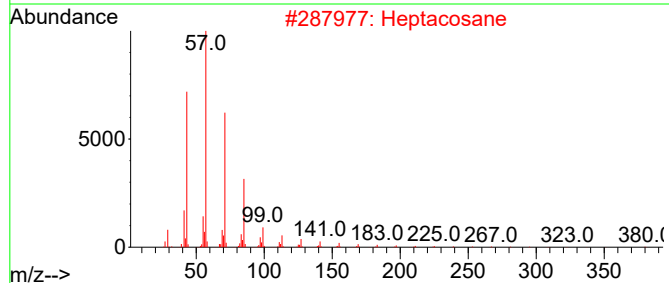
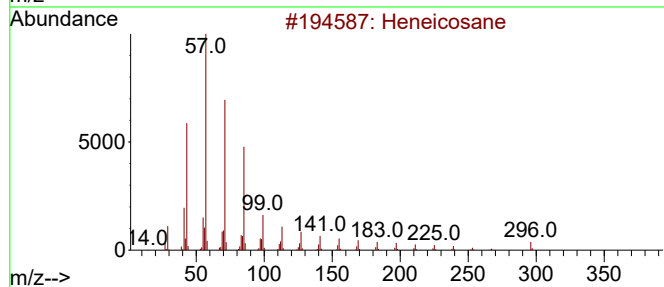
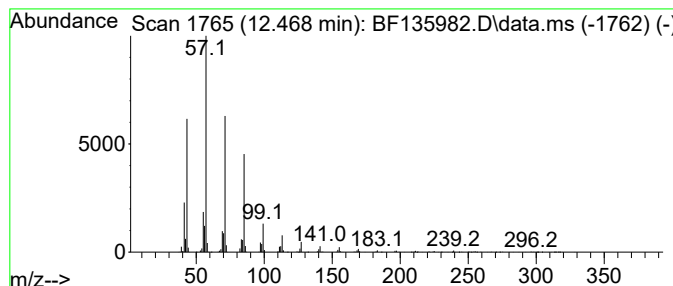
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ClientSampleId :
H-DRUMS-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.469	26.96 ng	1346000	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Heptacosane		380	C27H56	000593-49-7	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Hexadecane		226	C16H34	000544-76-3	90
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
Operator : CG\JU
Sample : 05027-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-DRUMS-SOLID

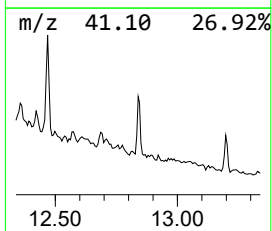
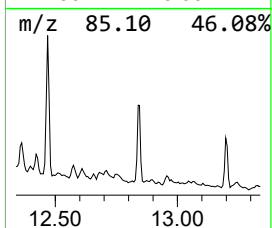
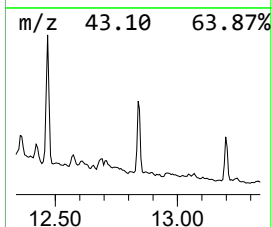
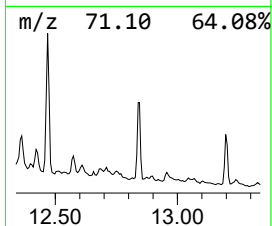
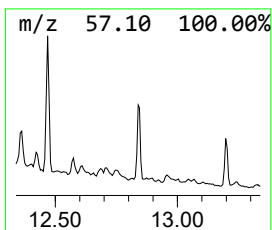
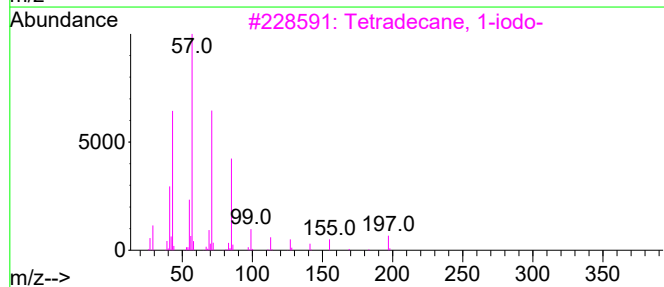
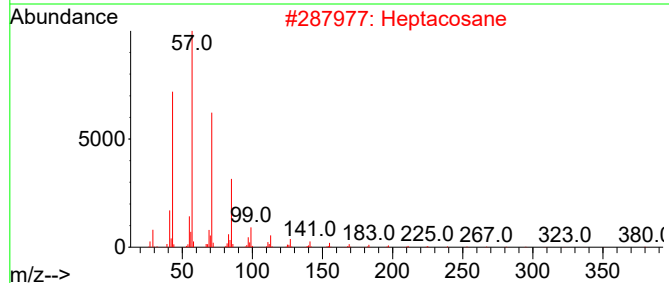
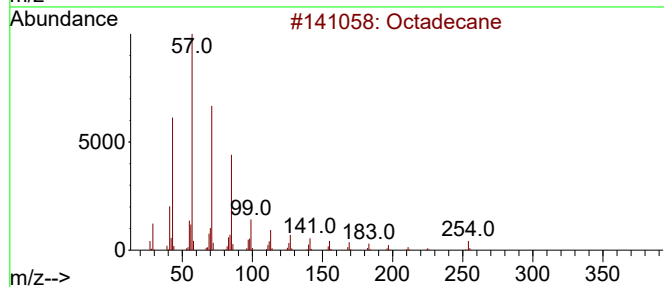
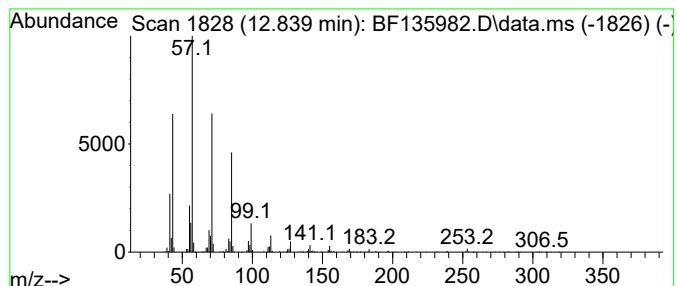
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.839	16.37 ng	770331	Chrysene-d12	14.009

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135982.D
Acq On : 27 Oct 2023 13:54
Operator : CG\JU
Sample : 05027-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-DRUMS-SOLID

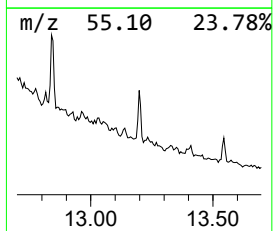
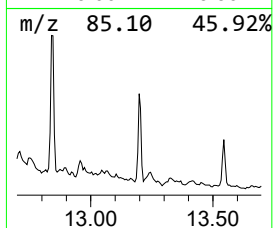
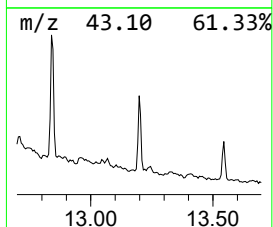
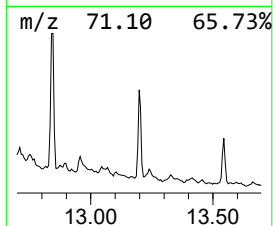
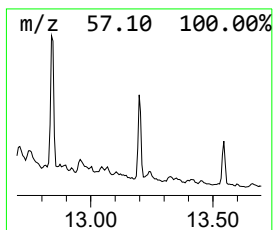
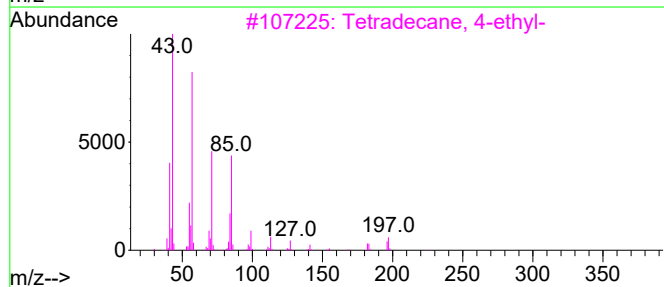
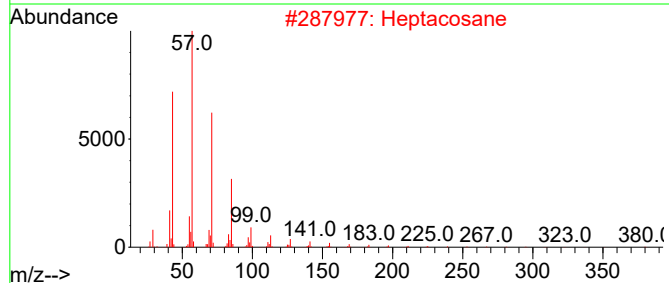
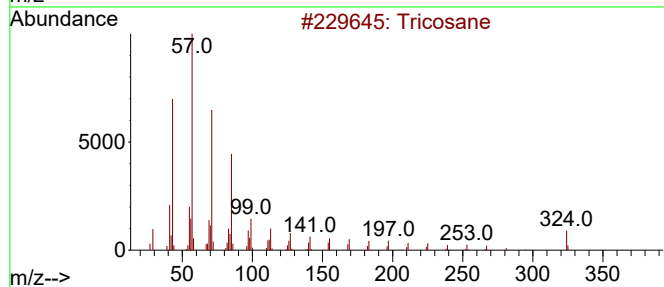
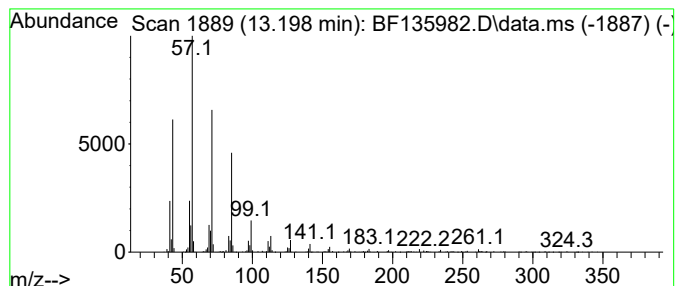
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	10.60 ng	498788	Chrysene-d12	14.009

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	93
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
4			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135982.D
 Acq On : 27 Oct 2023 13:54
 Operator : CG\JU
 Sample : 05027-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-DRUMS-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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
Butane, 2-metho...	2.116	14.5	ng	758682	1	6.828	1044190	20.0
Decane, 2,6,7-t...	8.539	11.1	ng	1301280	2	8.104	2345440	20.0
Tridecane, 7-me...	8.657	11.6	ng	1355180	2	8.104	2345440	20.0
Tridecane	8.710	10.2	ng	1200770	2	8.104	2345440	20.0
Decahydro-1,1,4...	9.275	34.3	ng	6621130	3	9.875	3862550	20.0
unknown9.580	9.580	13.1	ng	2528630	3	9.875	3862550	20.0
unknown9.745	9.745	15.0	ng	2891310	3	9.875	3862550	20.0
unknown9.786	9.786	11.6	ng	2240540	3	9.875	3862550	20.0
Nonadecane	9.816	14.2	ng	2739060	3	9.875	3862550	20.0
Hexadecane	10.316	10.8	ng	2081820	3	9.875	3862550	20.0
Pentadecane, 2,...	10.539	11.0	ng	2118580	3	9.875	3862550	20.0
Tridecane, 5-pr...	10.810	127.5	ng	6364490	4	11.363	998342	20.0
Heptadecane, 8-...	11.245	38.7	ng	1931980	4	11.363	998342	20.0
Hexacosane	11.274	51.0	ng	2545940	4	11.363	998342	20.0
Octacosane, 2-m...	11.621	18.0	ng	897636	4	11.363	998342	20.0
Heptadecane	11.669	40.3	ng	2011460	4	11.363	998342	20.0
Tridecane, 1-iodo-	12.080	29.6	ng	1478850	4	11.363	998342	20.0
Heneicosane	12.469	27.0	ng	1346000	4	11.363	998342	20.0
Octadecane	12.839	16.4	ng	770331	5	14.009	941266	20.0
Tricosane	13.198	10.6	ng	498788	5	14.009	941266	20.0