LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
Operator : CG\JU
Sample : 01722-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-022723

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132598.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.616	172	175	193	rBV	46046	126128	4.17%	0.239%
2	5.222	444	448	459	rVB	744173	694130	22.93%	1.318%
3	5.622	512	516	528	rVB	1435298	1275228	42.12%	2.421%
4	6.622	682	686	694	rBV	1354917	1196379	39.52%	2.272%
5	7.004	747	751	754	rBV	1289128	1106440	36.55%	2.101%
6	7.557	842	845	848	rVV	827166	761139	25.14%	1.445%
7	8.257	961	964	966	rBV	149463	141011	4.66%	0.268%
8	8.287	966	969	971	rVV	1614231	1311218	43.31%	2.490%
9	8.310	971	973	975	rVV	925579	692504	22.87%	1.315%
10	8.569	1014	1017	1021	rVB4	108117	125649	4.15%	0.239%
11	8.786	1051	1054	1059	rBV2	163583	153731	5.08%	0.292%
12	8.863	1064	1067	1072	rVB2	275372	248852	8.22%	0.473%
13	8.998	1087	1090	1093	rVB	676661	557881	18.43%	1.059%
14	9.104	1102	1108	1111	rBV2	518432	536429	17.72%	1.019%
15	9.228	1126	1129	1132	rBV3	119295	124655	4.12%	0.237%
16	9.363	1148	1152	1156	rBV	1358709	1217592	40.22%	2.312%
17	9.434	1161	1164	1167	rBV	464131	386416	12.76%	0.734%
18	9.622	1193	1196	1201	rVB3	229114	325586	10.75%	0.618%
19	9.704	1201	1210	1212	rBV	374868	497160	16.42%	0.944%
20	9.728	1212	1214	1216	rVV	192477	156597	5.17%	0.297%
21	9.751	1216	1218	1226	rVB6	215151	332413	10.98%	0.631%
22	9.822	1226	1230	1232	rBV3	214805	219293	7.24%	0.416%
23	9.910	1241	1245	1248	rBV2	271116	267460	8.83%	0.508%
24	9.963	1251	1254	1258	rVV	633896	499607	16.50%	0.949%
25	10.028	1262	1265	1266	rVV	142793	148868	4.92%	0.283%
26	10.051	1266	1269	1271	rVV	1311163	1181903	39.04%	2.244%
27	10.081	1271	1274	1277	rVV	350623	319385	10.55%	0.606%
28	10.145	1282	1285	1290	rBV3	93235	137338	4.54%	0.261%
29	10.204	1290	1295	1296	rBV4	73435	109050	3.60%	0.207%
30	10.251	1300	1303	1306	rVV2	340378	331596	10.95%	0.630%
31	10.286	1306	1309	1313	rVV2	256130	248576	8.21%	0.472%
32	10.363	1318	1322	1325	rBV3	160114	193434	6.39%	0.367%
33	10.392	1325	1327	1333	rVB2	125778	129977	4.29%	0.247%
34	10.463	1333	1339	1342	rBV	631602	617233	20.39%	1.172%
35	10.598	1358	1362	1369	rVB	559963	515996	17.04%	0.980%
36	10.686	1372	1377	1379	rVV2	251512	309251	10.21%	0.587%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
Operator : CG\JU
Sample : 01722-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.757	1387	1389	1395	rVB	316886	312063	10.31%	0.593%
38	10.839	1400	1403	1407	rVB	775271	660221	21.81%	1.254%
39	10.939	1417	1420	1429	rVB	627068	777987	25.70%	1.477%
40	11.145	1450	1455	1457	rBV3	168682	250551	8.28%	0.476%
41	11.175	1457	1460	1462	rVV3	116695	127702	4.22%	0.242%
42	11.228	1466	1469	1472	rVB2	148418	140317	4.63%	0.266%
43	11.263	1472	1475	1478	rBV3	82303	124673	4.12%	0.237%
44	11.392	1493	1497	1499	rVV	454541	406754	13.44%	0.772%
45	11.422	1499	1502	1503	rVV	187302	182264	6.02%	0.346%
46	11.439	1503	1505	1509	rVB	243602	201605	6.66%	0.383%
47	11.545	1519	1523	1525	rBV	1392868	1303685	43.06%	2.476%
48	11.569	1525	1527	1530	rVV	2378562	1809645	59.77%	3.436%
49	11.622	1532	1536	1538	rVV	515944	423019	13.97%	0.803%
50	11.775	1559	1562	1567	rVV	230156	238263	7.87%	0.452%
51	11.816	1567	1569	1572	rVV	403422	334782	11.06%	0.636%
52	11.875	1576	1579	1583	rVB	135579	133606	4.41%	0.254%
53	11.922	1583	1587	1590	rVB	806160	647604	21.39%	1.230%
54	12.051	1605	1609	1611	rBV2	604862	662147	21.87%	1.257%
55	12.075	1611	1613	1617	rVB	670945	548189	18.11%	1.041%
56	12.122	1618	1621	1624	rBV	188403	186841	6.17%	0.355%
57	12.163	1624	1628	1630	rBV2	571229	660350	21.81%	1.254%
58	12.227	1636	1639	1642	rBV	382428	307840	10.17%	0.585%
59	12.345	1656	1659	1661	rBV	194394	176865	5.84%	0.336%
60	12.369	1661	1663	1670	rVB3	99508	114763	3.79%	0.218%
61	12.522	1686	1689	1691	rVV2	178288	155677	5.14%	0.296%
62	12.545	1691	1693	1696	rVB2	138820	125096	4.13%	0.238%
63	12.610	1699	1704	1706	rBV3	2229721	2506043	82.77%	4.759%
64	12.633	1706	1708	1711	rVV2	1952511	1729743	57.13%	3.285%
65	12.686	1714	1717	1720	rBV2	152501	197741	6.53%	0.375%
66	12.716	1720	1722	1726	rVB2	414862	325930	10.77%	0.619%
67	12.769	1726	1731	1736	rBV	2741887	3027558	100.00%	5.749%
68	12.998	1764	1770	1776	rBV	2411748	2636964	87.10%	5.007%
69	13.045	1776	1778	1782	rVB2	192255	205475	6.79%	0.390%
70	13.133	1786	1793	1795	rBV	1448372	1406847	46.47%	2.671%
71	13.151	1795	1796	1801	rVB	143643	135401	4.47%	0.257%
72	13.210	1802	1806	1814	rBV4	236275	486796	16.08%	0.924%
73	13.304	1818	1822	1823	rBV2	167241	215607	7.12%	0.409%
74	13.321	1823	1825	1828	rVB	475848	424956	14.04%	0.807%
75	13.351	1828	1830	1832	rBV	164940	116183	3.84%	0.221%
76	13.392	1834	1837	1840	rVB	416230	317003	10.47%	0.602%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
Operator : CG\JU
Sample : 01722-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.427	1840	1843	1847	rBV2	338796	376751	12.44%	0.715%
78	13.521	1857	1859	1862	rBV	223596	187324	6.19%	0.356%
79	13.557	1862	1865	1868	rBV	279397	272450	9.00%	0.517%
80	13.633	1875	1878	1881	rVB4	91293	120255	3.97%	0.228%
81	13.692	1886	1888	1891	rVV2	124299	113437	3.75%	0.215%
82	13.810	1905	1908	1910	rBV2	96063	113809	3.76%	0.216%
83	13.839	1910	1913	1917	rVB2	166997	199788	6.60%	0.379%
84	13.951	1927	1932	1934	rBV2	241268	300017	9.91%	0.570%
85	13.980	1934	1937	1939	rVB	149457	120998	4.00%	0.230%
86	14.004	1939	1941	1942	rBV	144290	114837	3.79%	0.218%
87	14.198	1970	1974	1977	rBV2	1699985	2497685	82.50%	4.743%
88	14.227	1977	1979	1986	rVB	1166369	1053292	34.79%	2.000%
89	14.310	1991	1993	1995	rBV	203866	159723	5.28%	0.303%
90	14.345	1996	1999	2002	rBV3	146269	163065	5.39%	0.310%
91	14.592	2036	2041	2044	rVV	288487	377577	12.47%	0.717%
92	14.627	2044	2047	2049	rBV	128457	118769	3.92%	0.226%
93	14.721	2061	2063	2065	rVV	136394	108722	3.59%	0.206%
94	14.745	2065	2067	2071	rVB	175046	160521	5.30%	0.305%
95	15.292	2156	2160	2163	rBV	730362	1088290	35.95%	2.067%
96	15.621	2212	2216	2223	rVB	414921	530859	17.53%	1.008%
97	15.686	2223	2227	2234	rVB	617667	808684	26.71%	1.536%
98	15.757	2235	2239	2243	rBV	676525	1037477	34.27%	1.970%
99	17.357	2507	2511	2519	rVB2	208352	400927	13.24%	0.761%
100	17.845	2590	2594	2602	rVB	150943	297010	9.81%	0.564%

Sum of corrected areas: 52663128

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
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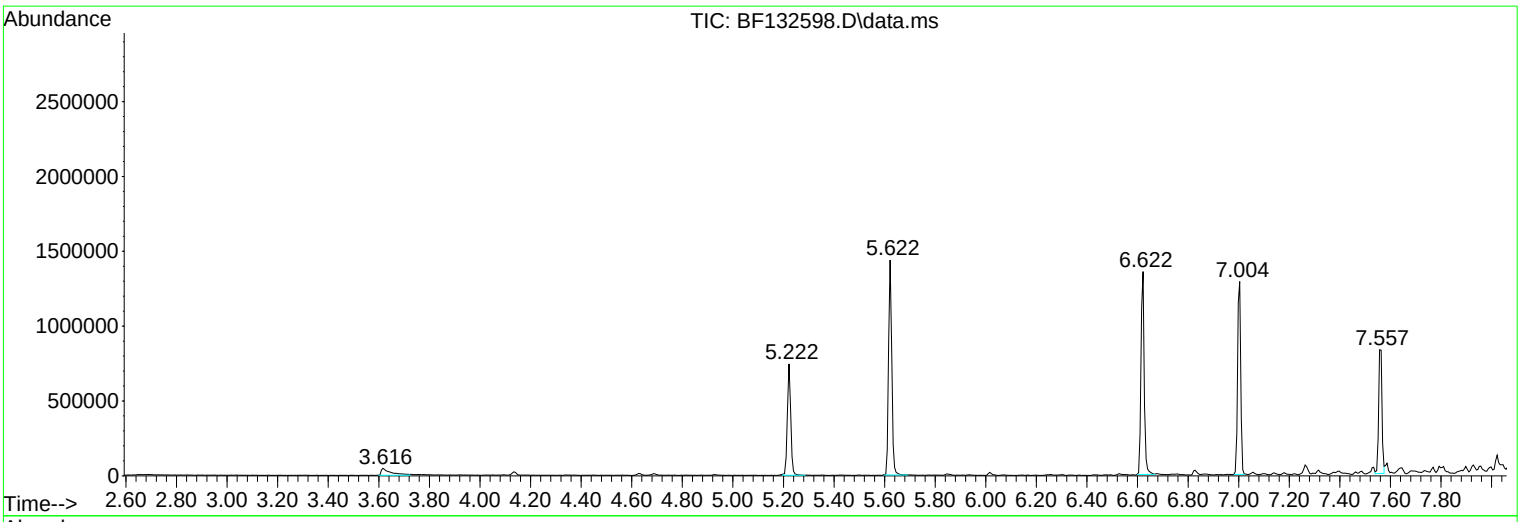
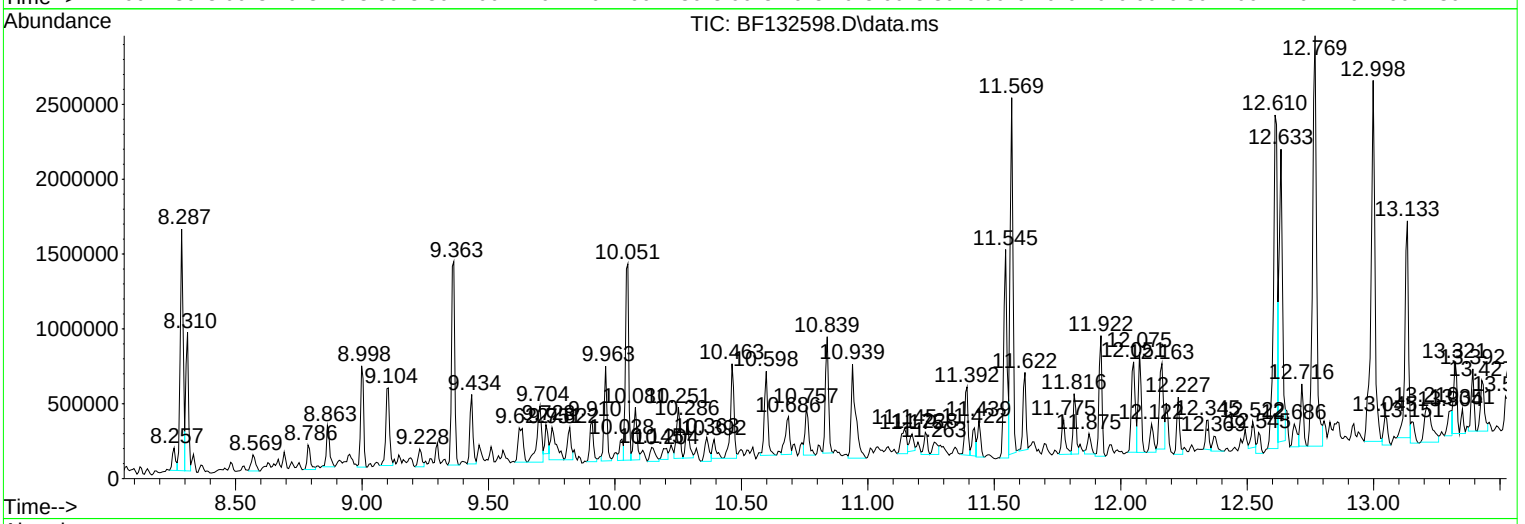
Sample : 01722-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

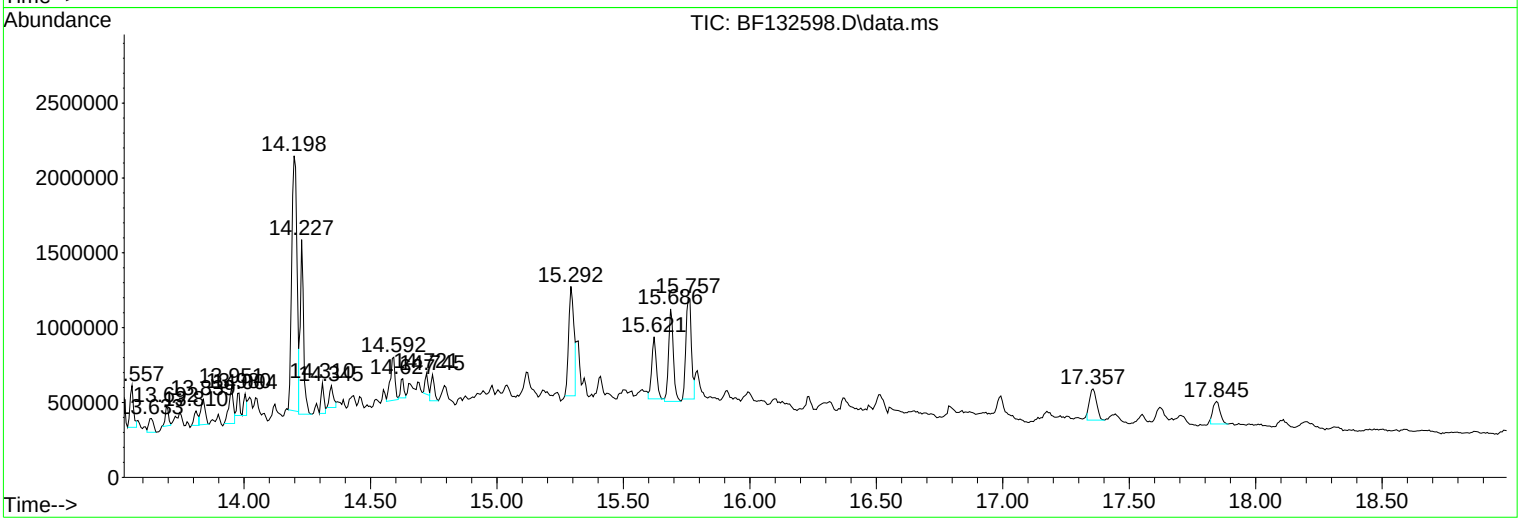
Instrument :
BNA_F
ClientSampleId :
HD-01-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
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Sample : 01722-01 2X
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Instrument :
BNA_F
ClientSampleId :
HD-01-022723

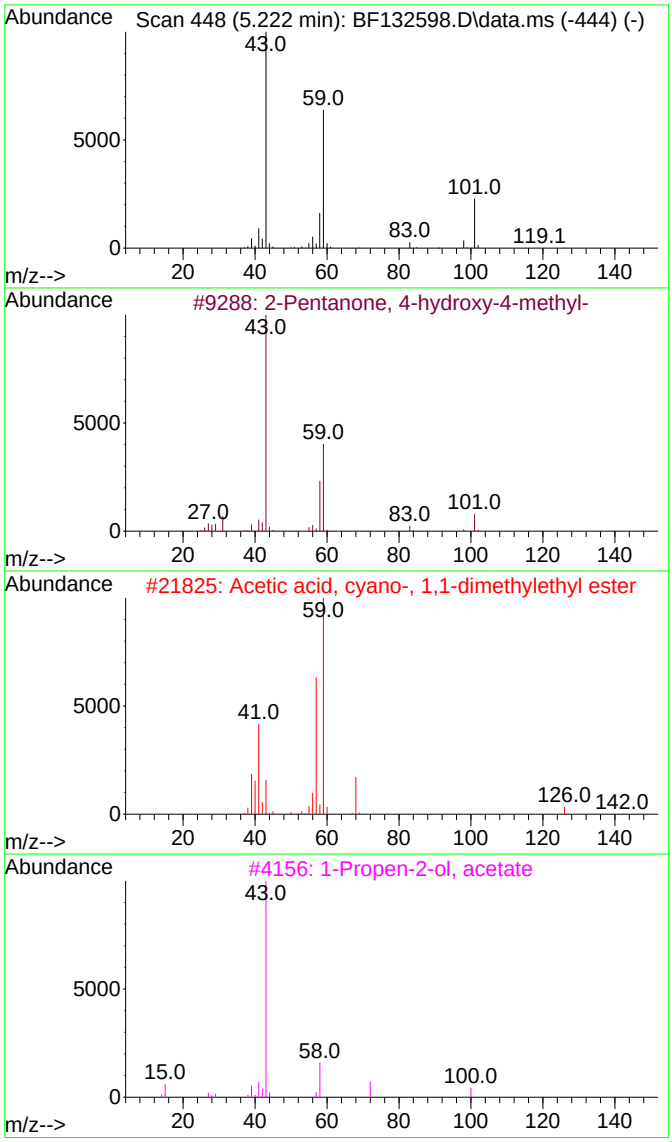
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

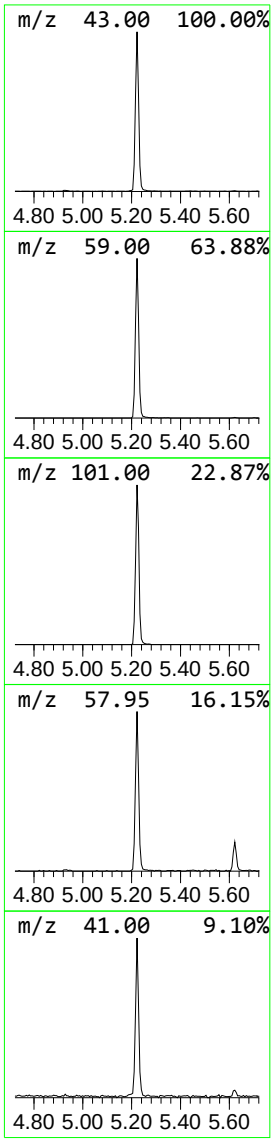
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.222	12.55 ng	694130	1,4-Dichlorobenzene-d4	7.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
Operator : CG\JU
Sample : 01722-01 2X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

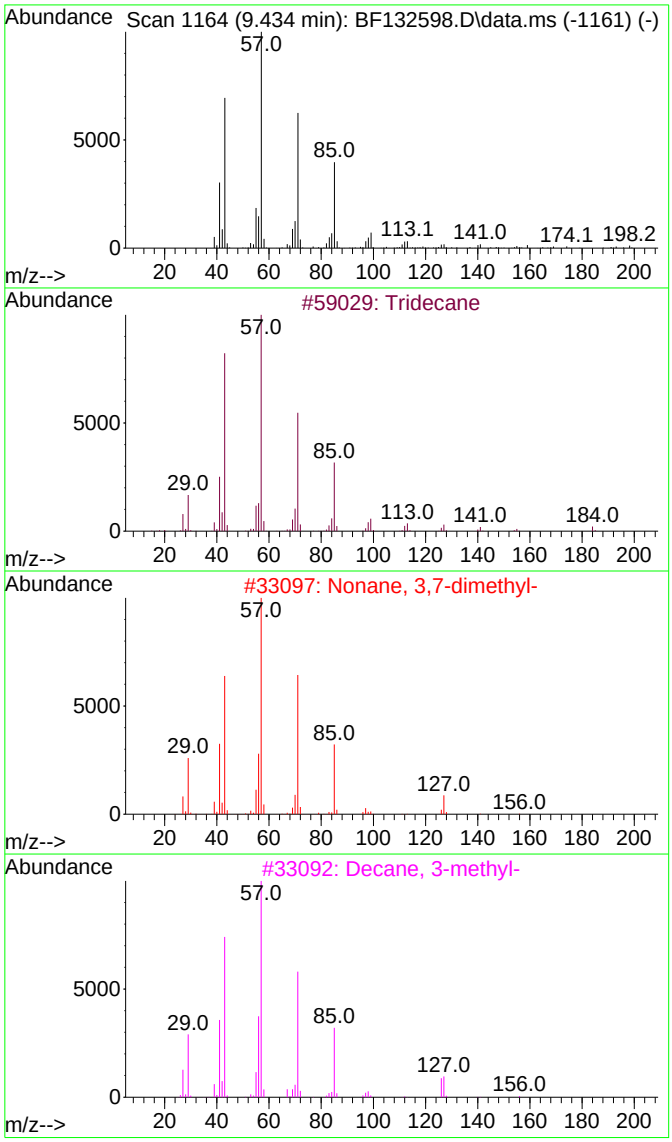
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

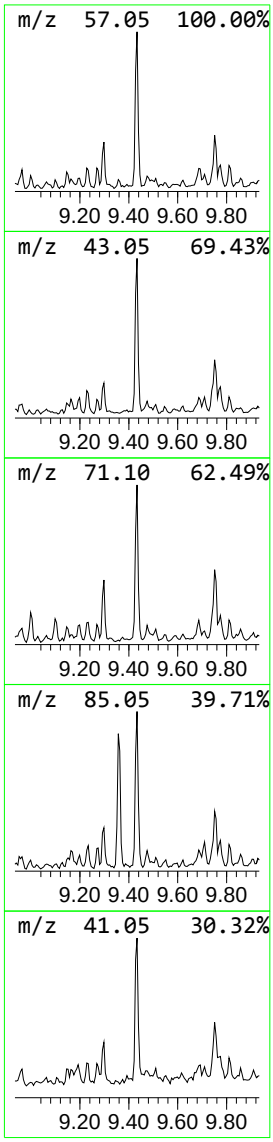
****

Peak Number 2 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	6.54 ng	386416	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
3	Decane, 3-methyl-	156	C11H24	013151-34-3	72
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

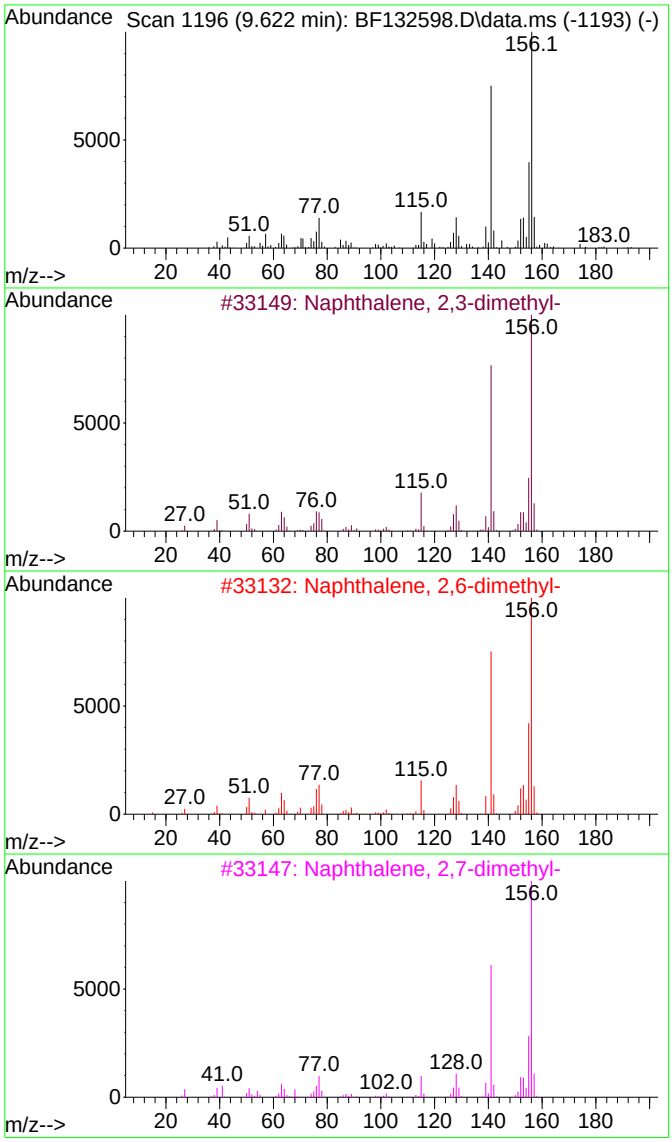
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

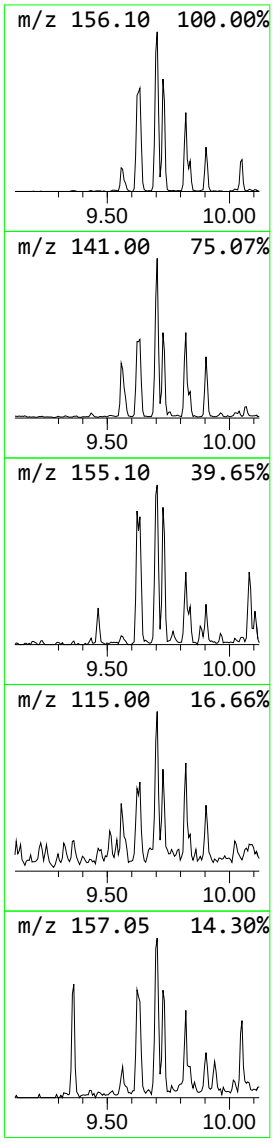
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	5.51 ng	325586	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

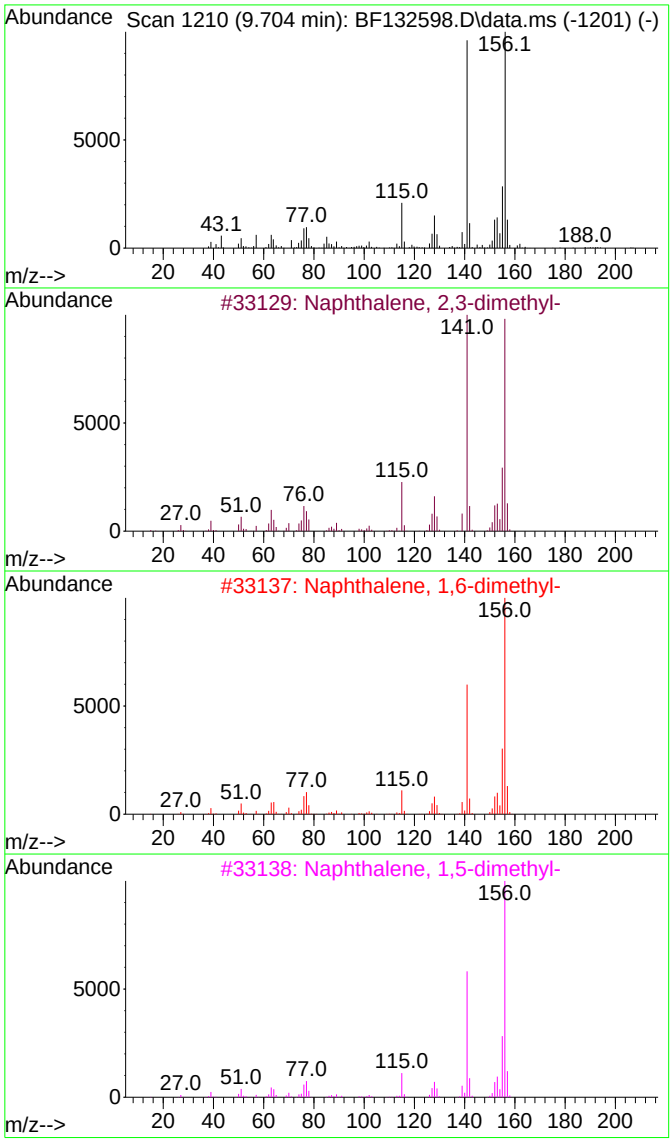
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

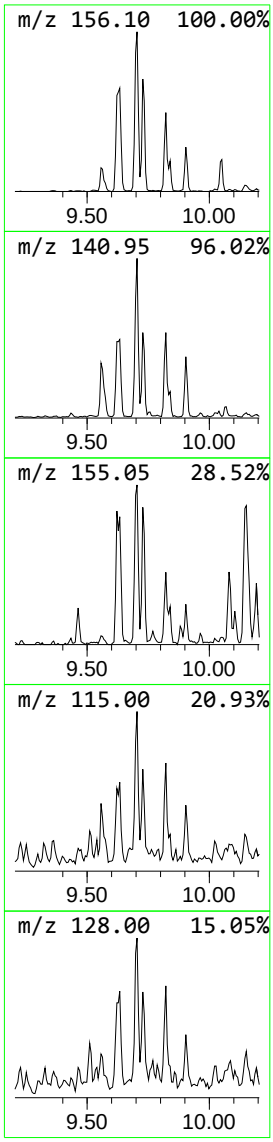
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	8.41 ng	497160	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
Operator : CG\JU
Sample : 01722-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

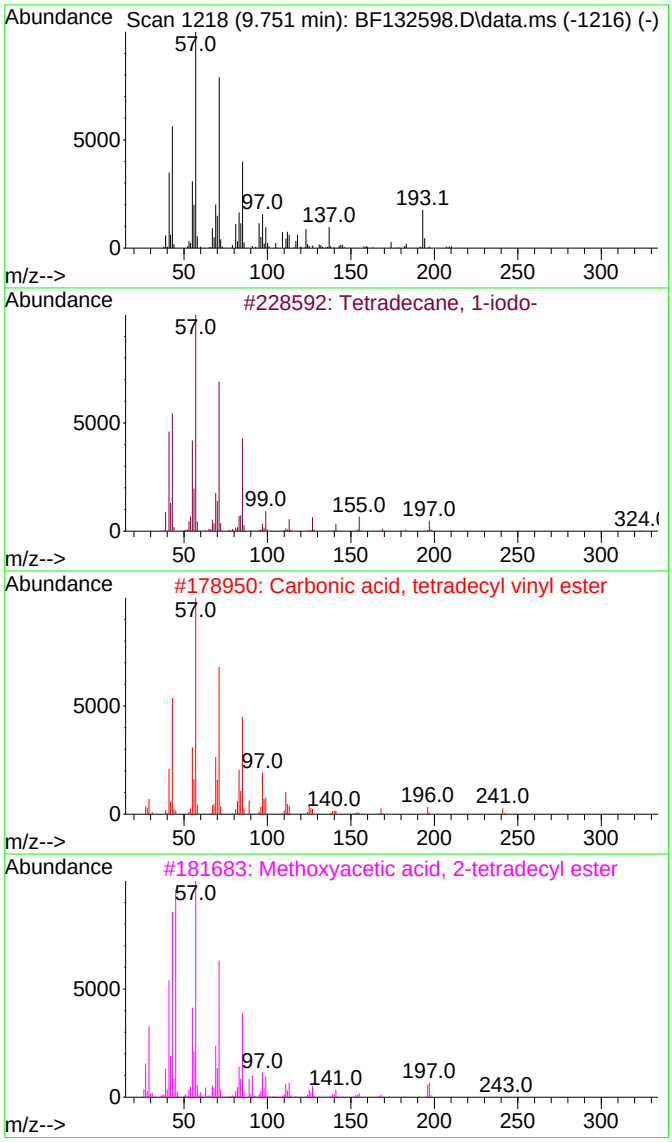
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

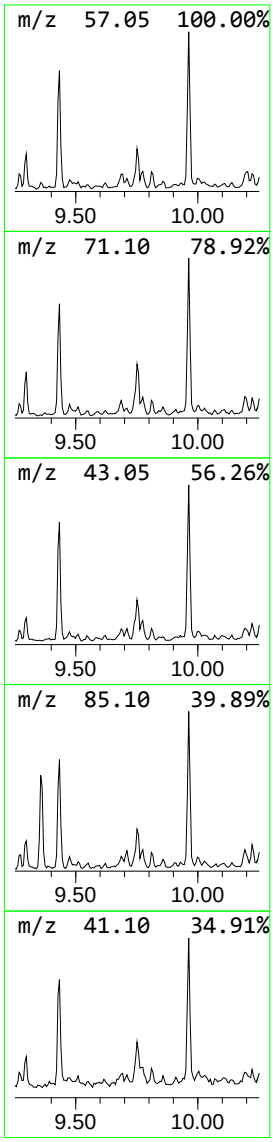
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Tetradecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	5.63 ng	332413	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
2	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	72
3	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	64
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53





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Operator : CG\JU
Sample : 01722-01 2X
Misc :
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ClientSampleId :
HD-01-022723

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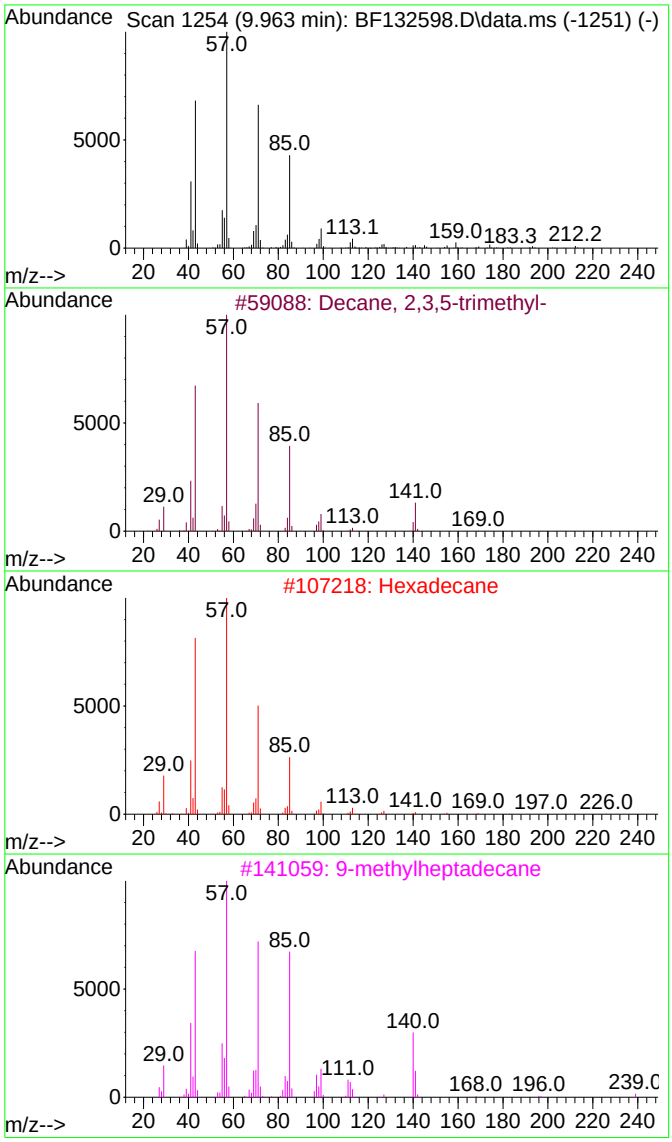
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

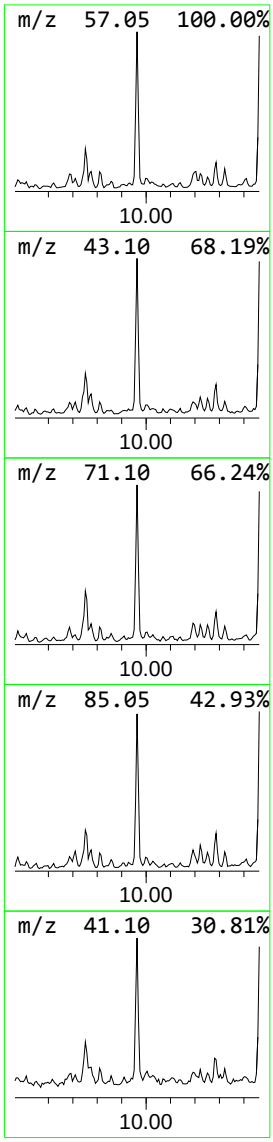
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	8.45 ng	499607	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	9-methylheptadecane	254	C18H38	026741-18-4	78
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





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

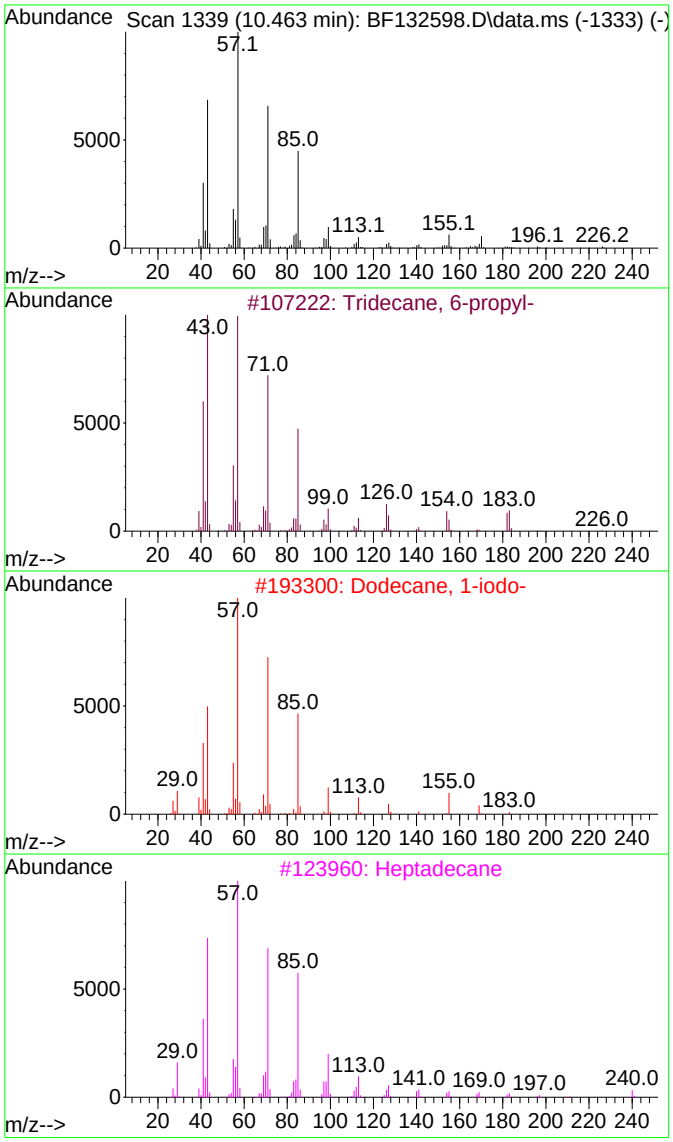
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

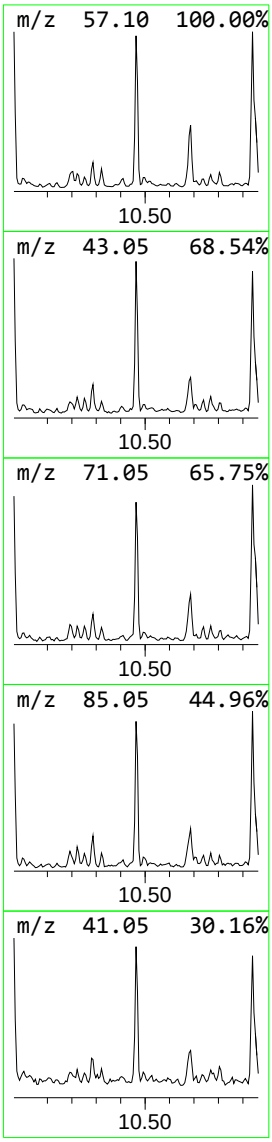
****

Peak Number 7 Tridecane, 6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	10.44 ng	617233	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	80





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

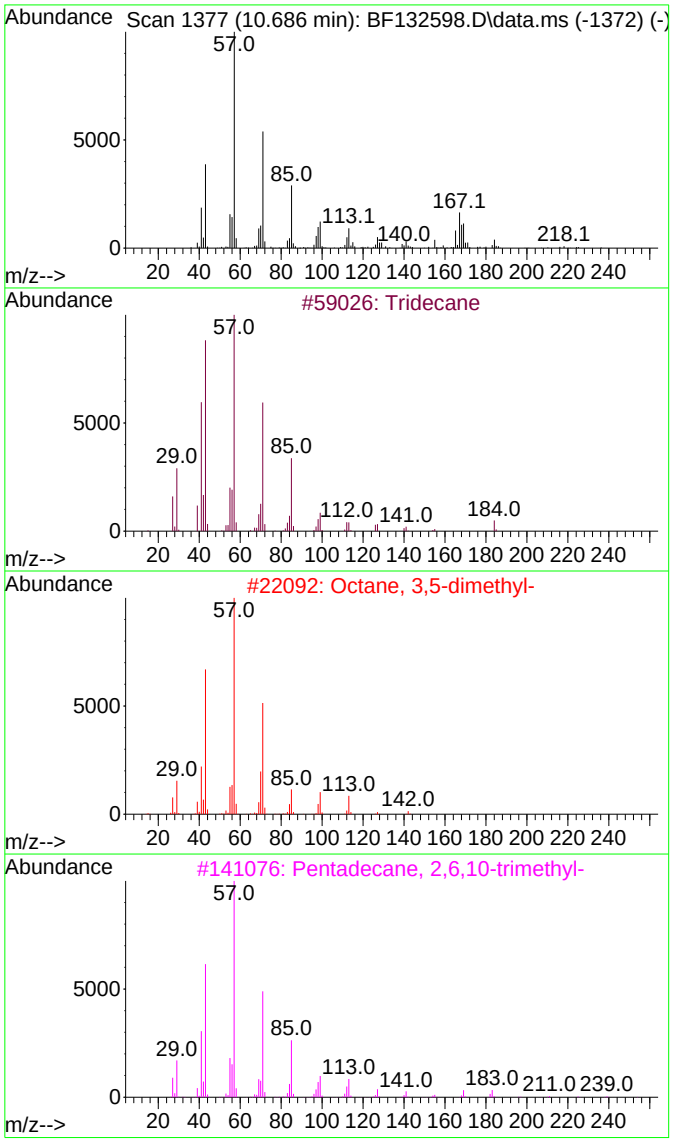
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

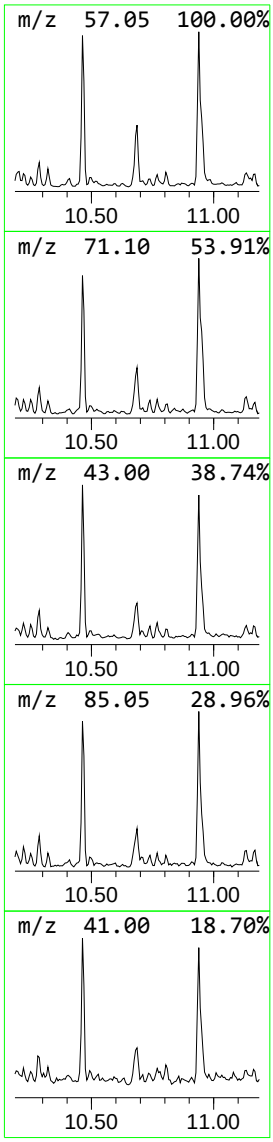
****

Peak Number 8 Octane, 3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.686	5.23 ng	309251	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5	Eicosane	282	C20H42	000112-95-8	58





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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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

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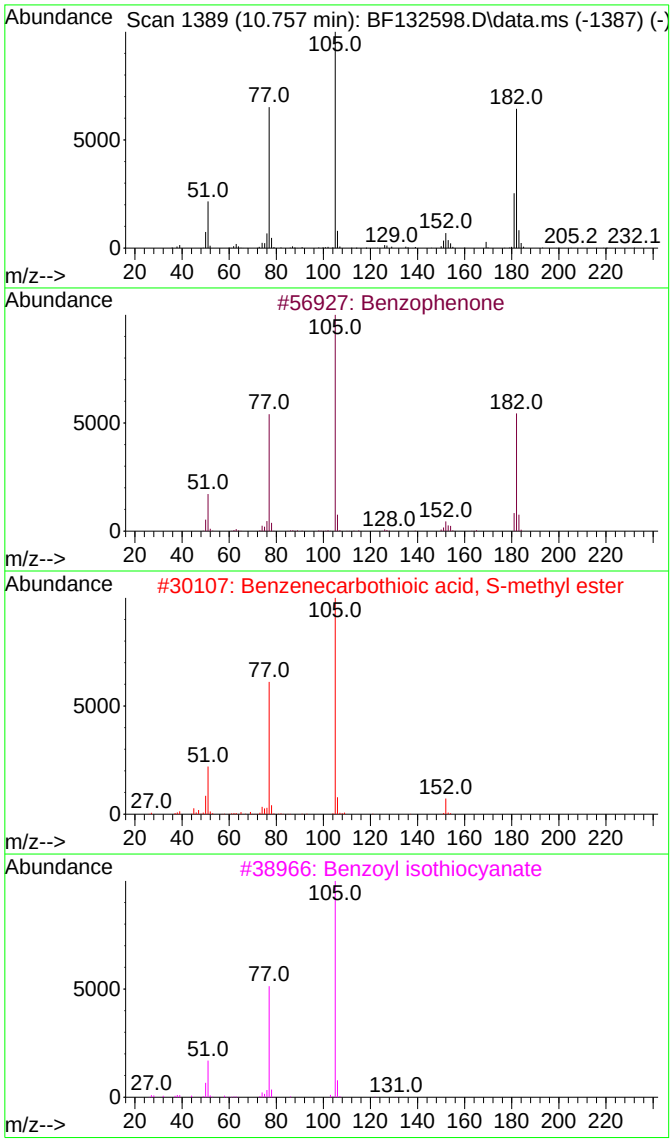
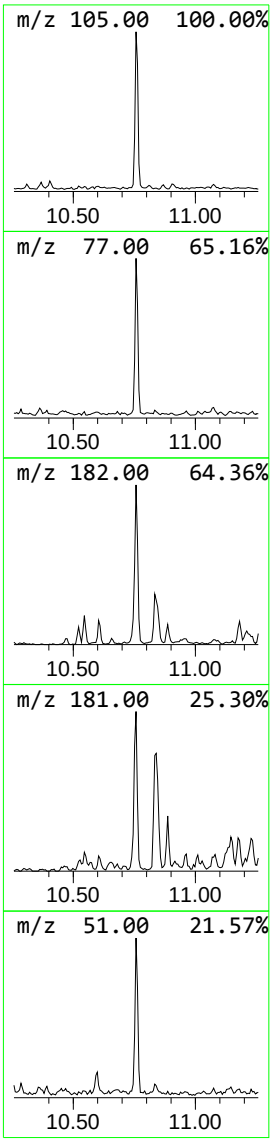
Peak Number 9 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	5.28 ng	312063	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
3	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	38
4	Ethanone, 2-(5-nitrotetrazol-2-y...	233	C9H7N5O3	1000310-77-2	38
5	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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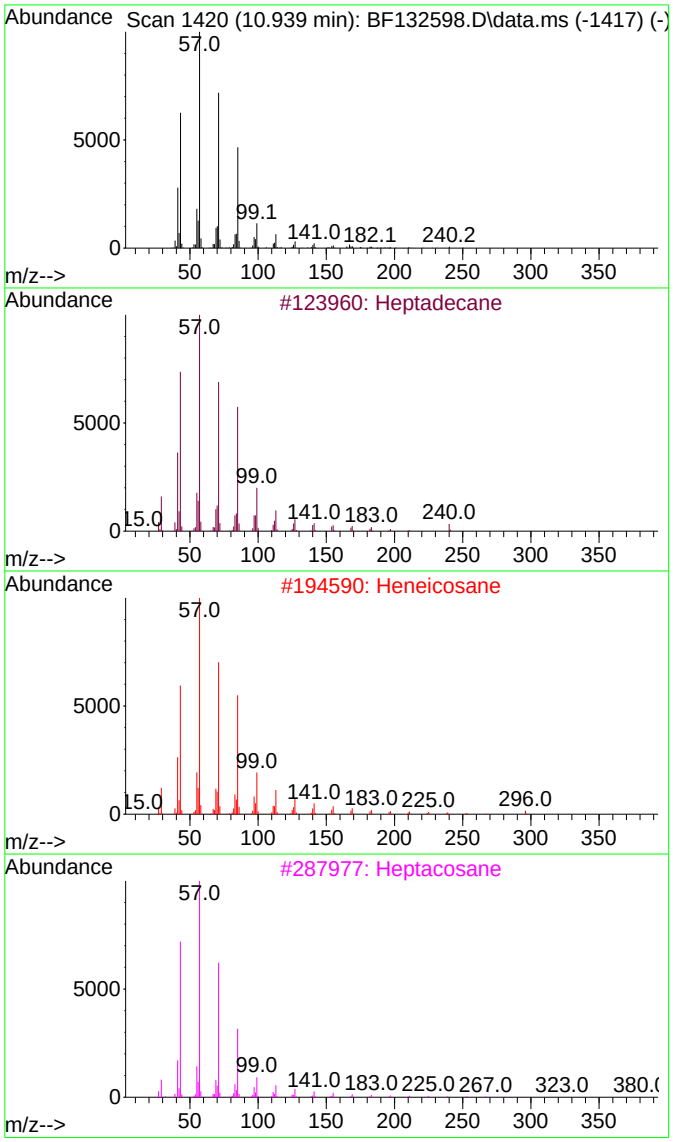
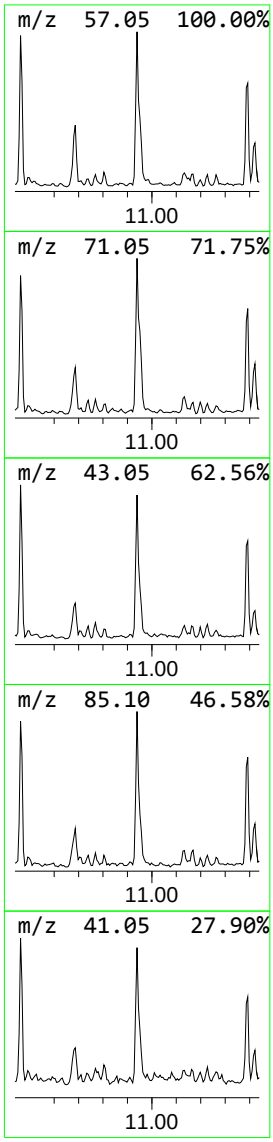
Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.939	11.94 ng	777987	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexadecane	226	C16H34	000544-76-3	83
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78





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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

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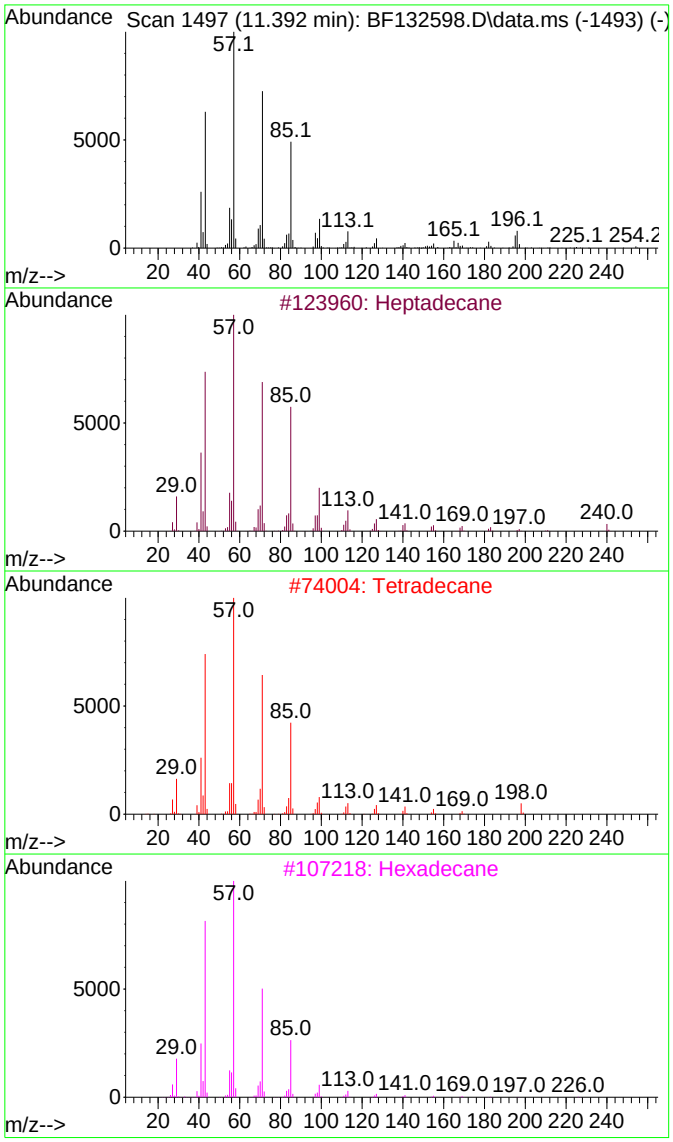
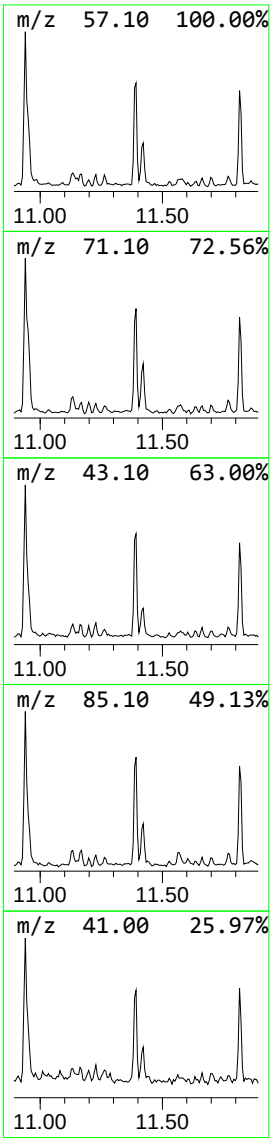
Peak Number 11 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.392	6.24 ng	406754	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Nonadecane	268	C19H40	000629-92-5	64





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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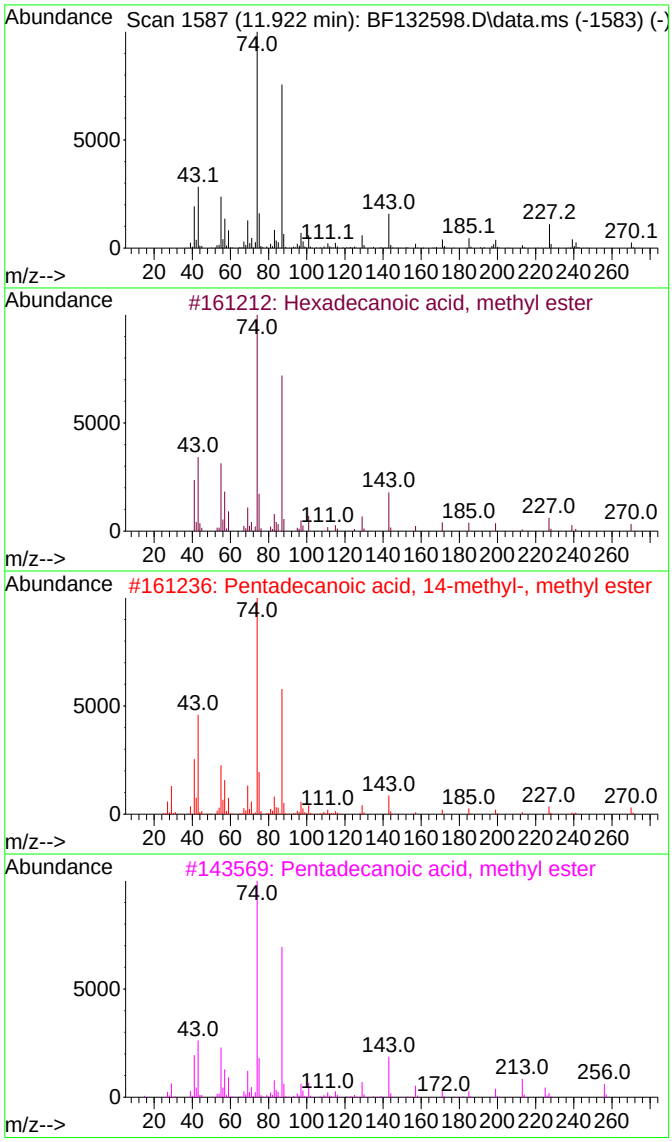
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

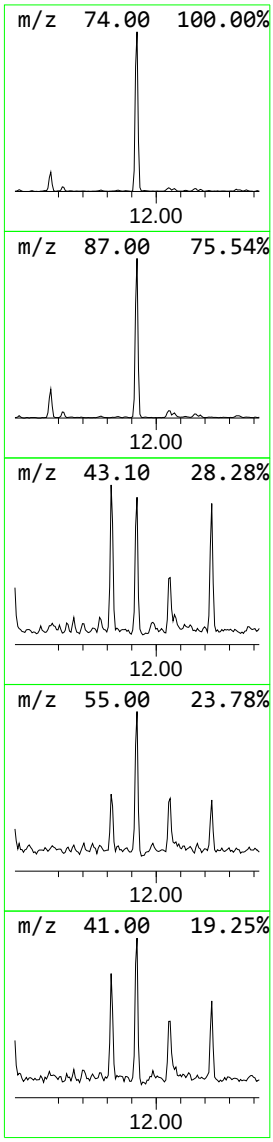
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	9.93 ng	647604	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

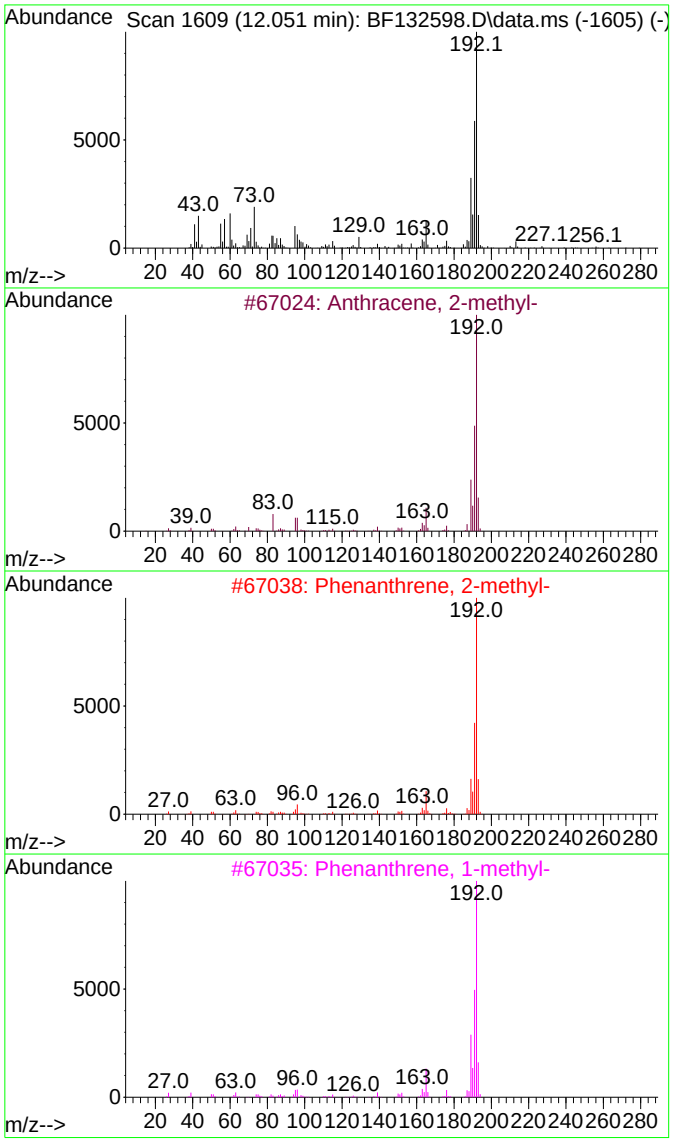
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

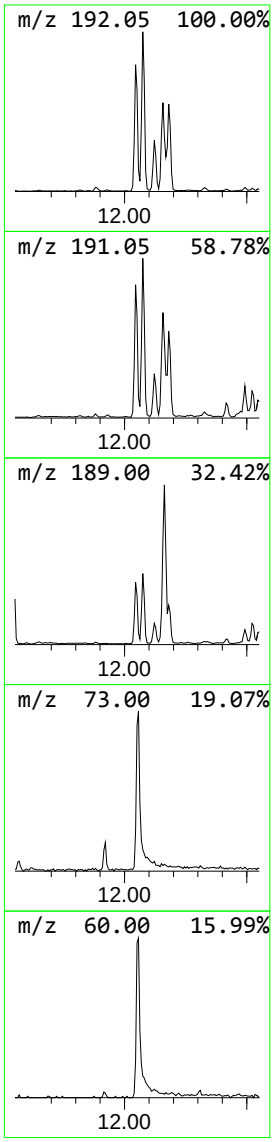
****

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	10.16 ng	662147	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

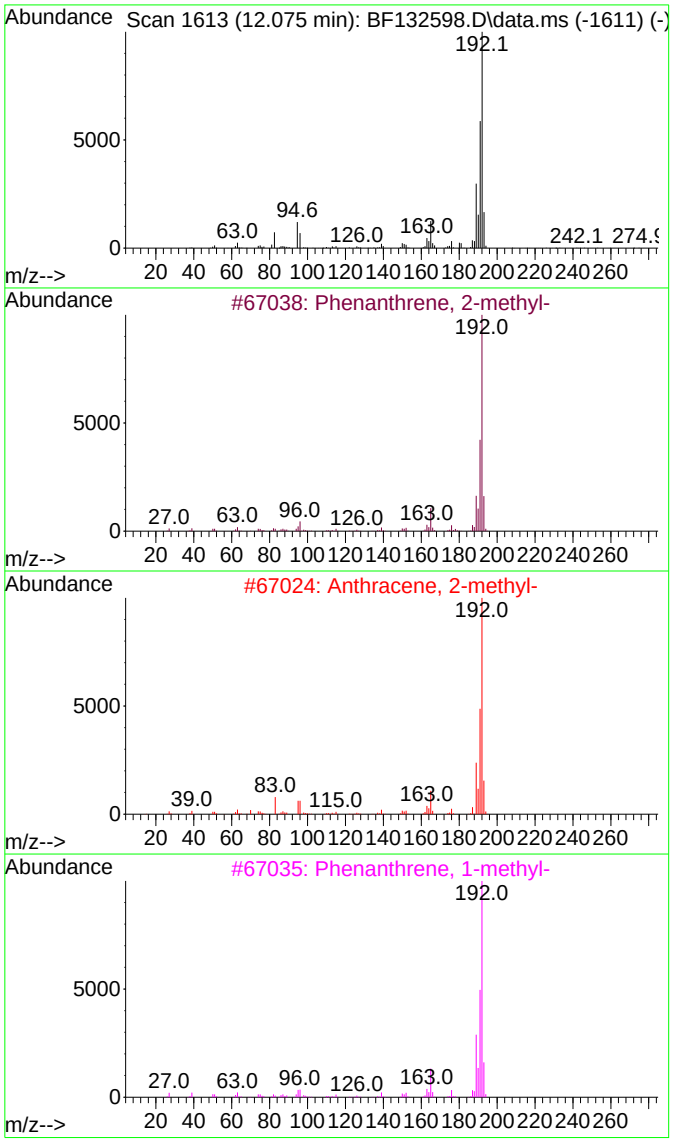
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

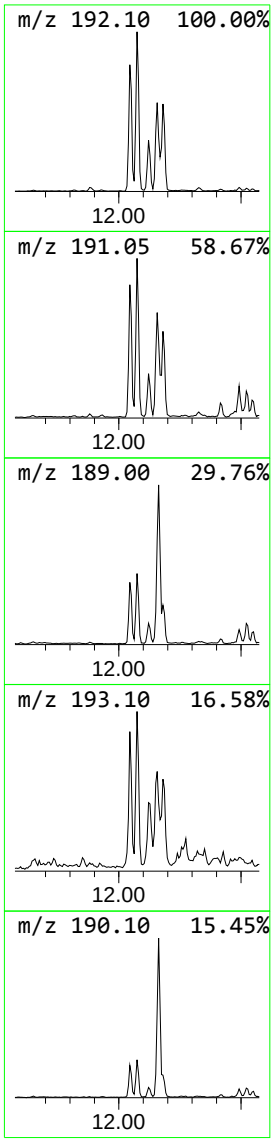
****

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	8.41 ng	548189	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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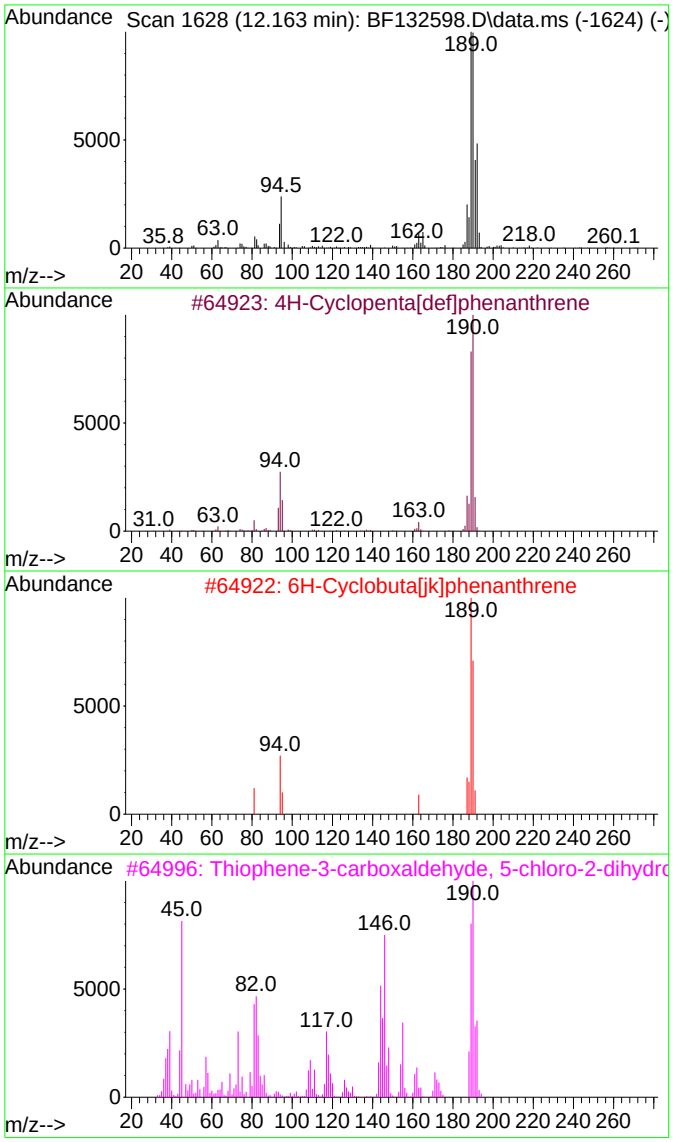
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

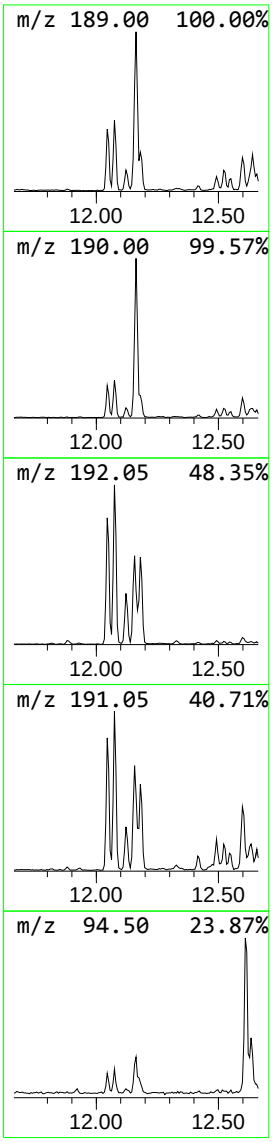
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	10.13 ng	660350	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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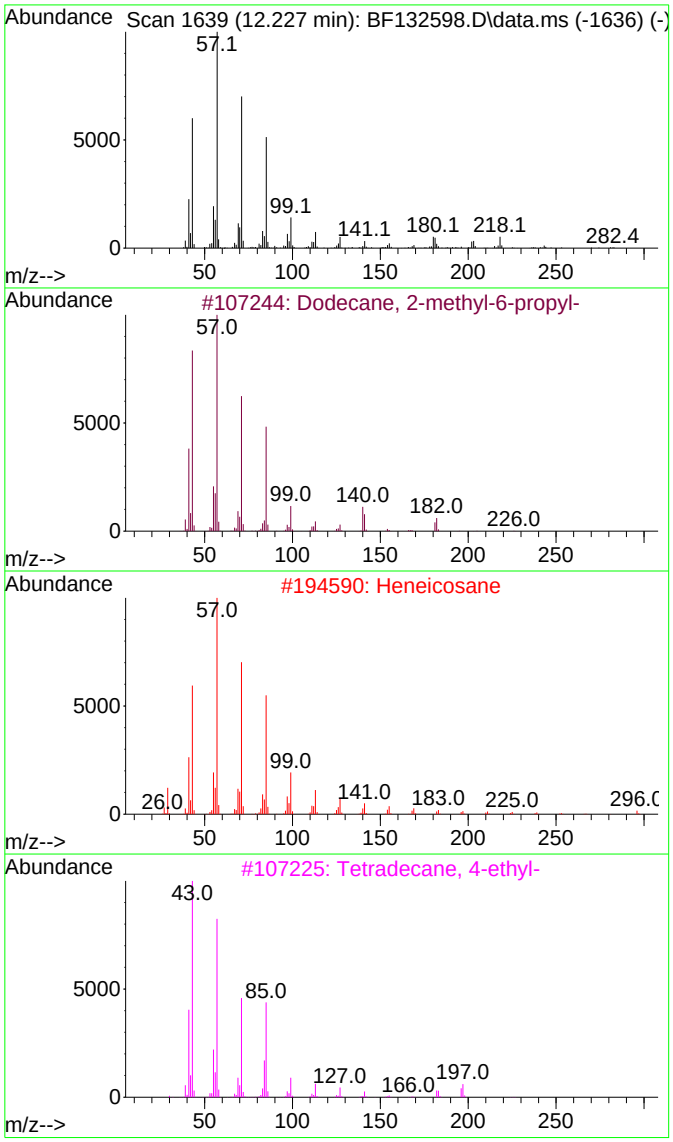
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

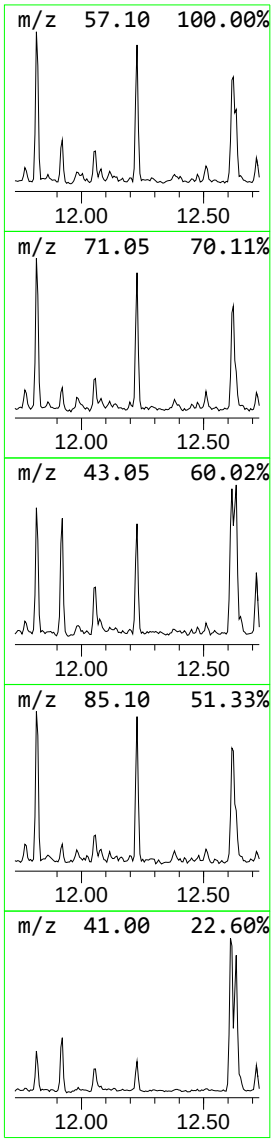
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	4.72 ng	307840	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Heptacosane	380	C27H56	000593-49-7	76





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
HD-01-022723

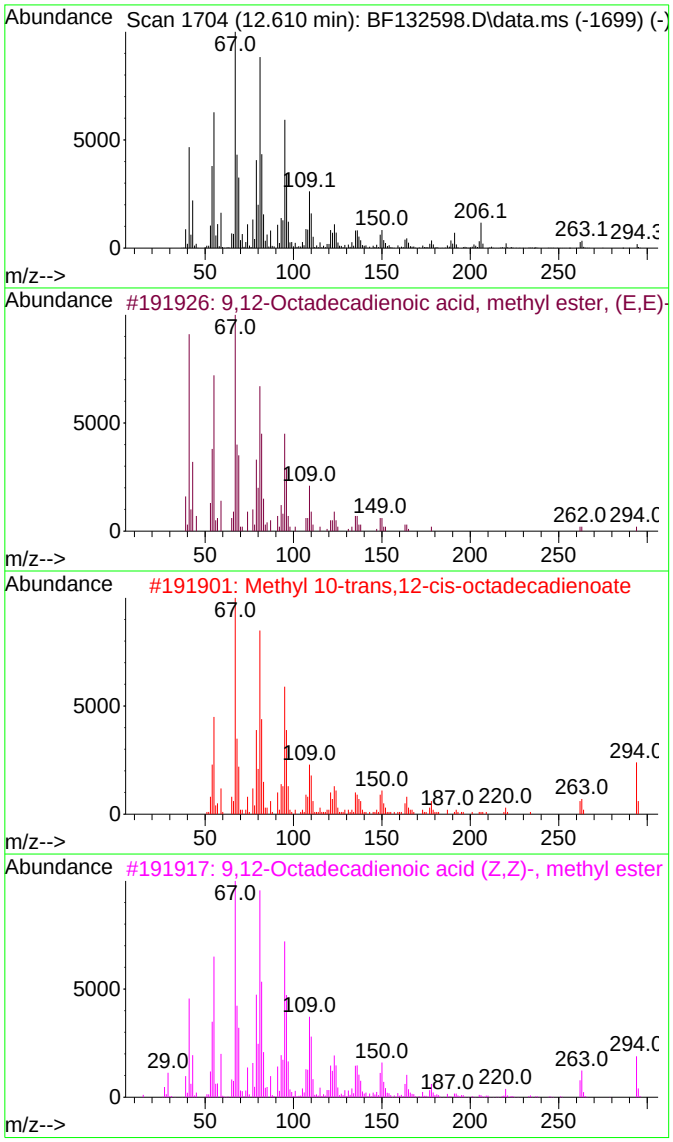
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

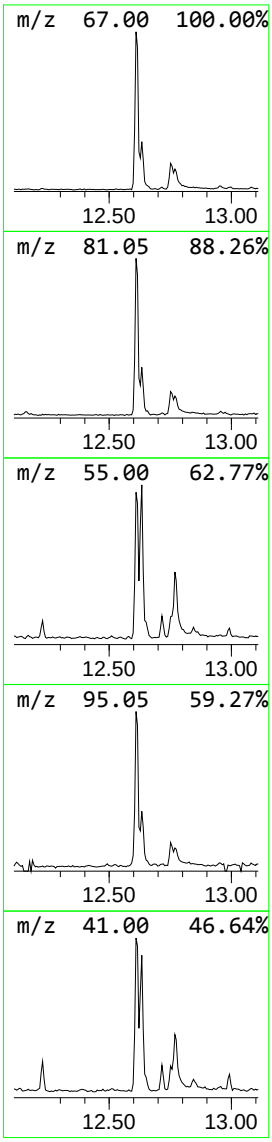
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	38.45 ng	2506040	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
Operator : CG\JU
Sample : 01722-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

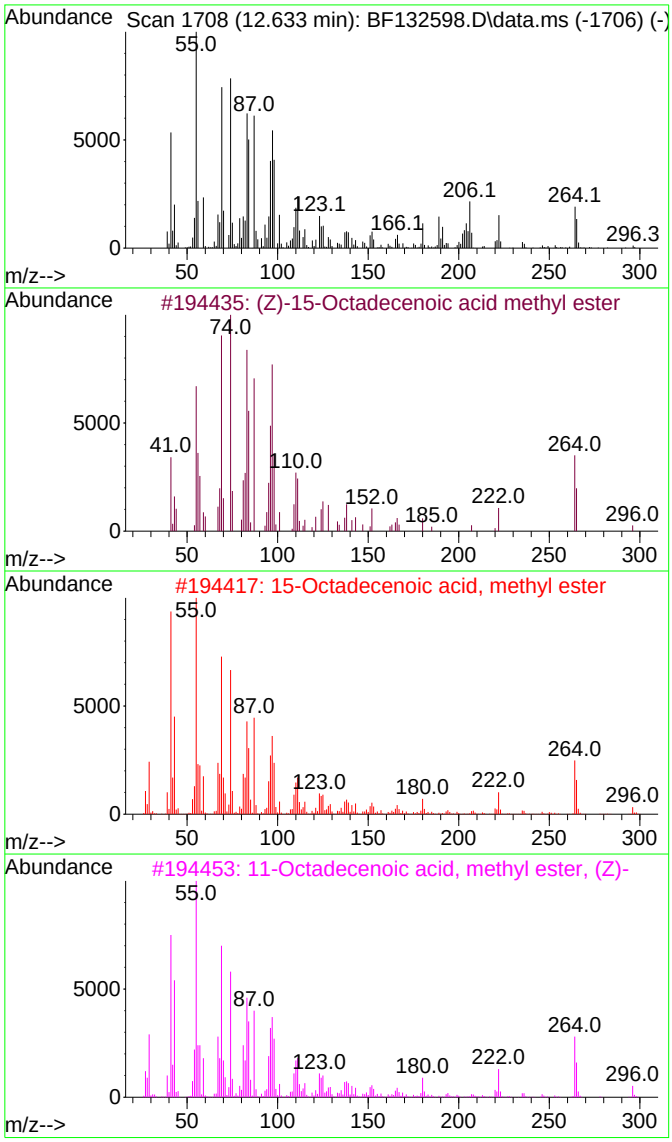
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

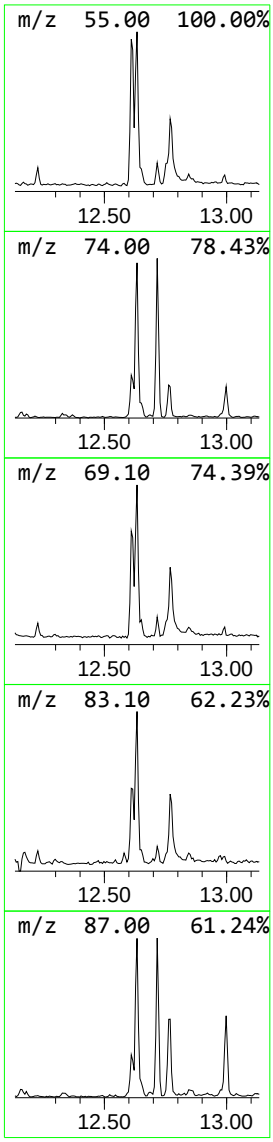
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (Z)-15-Octadecenoic acid me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	26.54 ng	1729740	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	89
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	89
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	86
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
Operator : CG\JU
Sample : 01722-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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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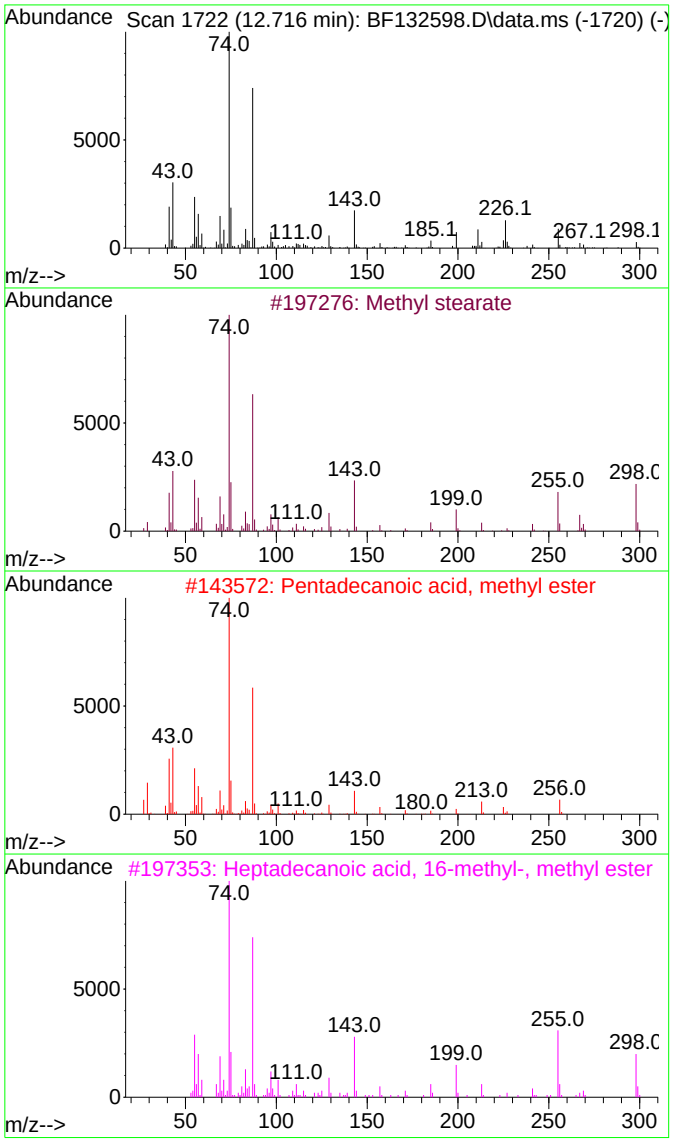
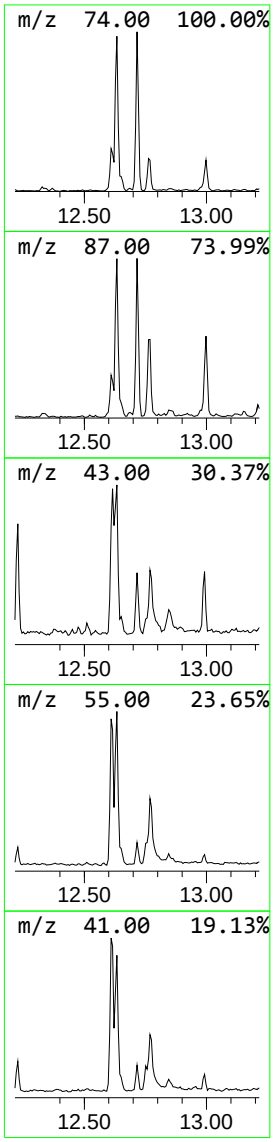
Peak Number 19 Methyl stearate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	5.00 ng	325930	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	93
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	83
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
Operator : CG\JU
Sample : 01722-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

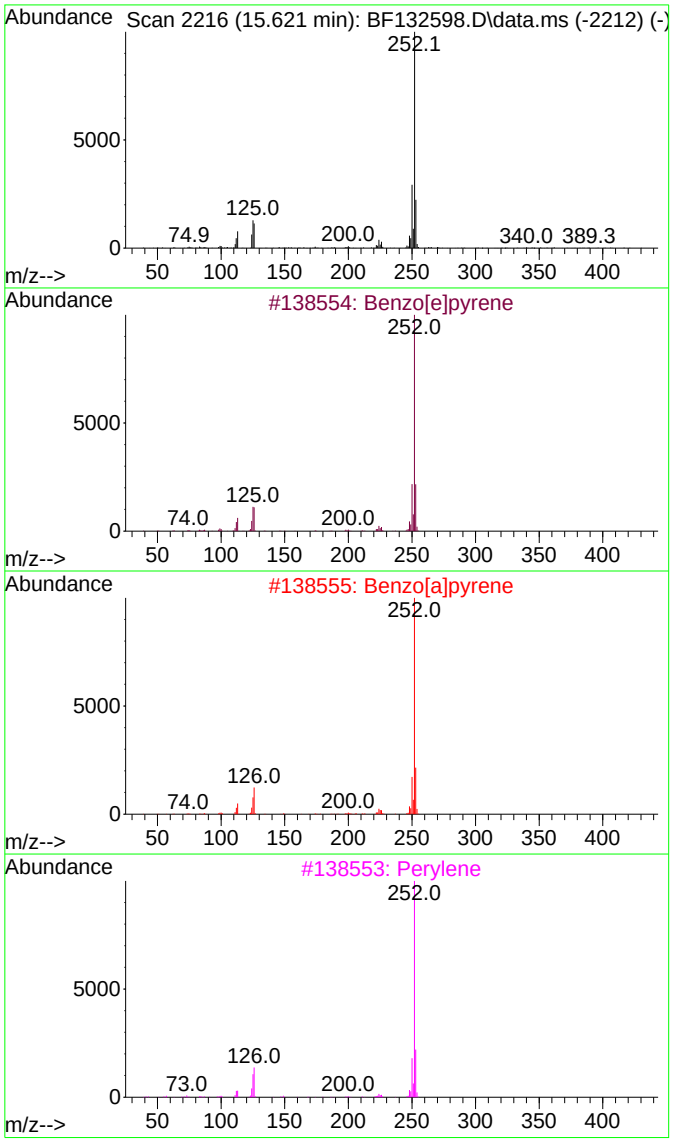
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

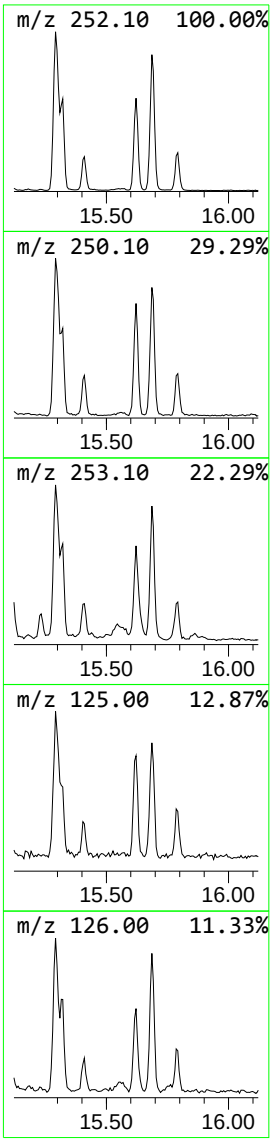
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.621	10.23 ng	530859	Perylene-d12	15.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132598.D
Acq On : 01 Mar 2023 18:51
Operator : CG\JU
Sample : 01722-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.222	12.6	ng	694130	1	7.004	1106440	20.0
Tridecane	9.434	6.5	ng	386416	3	10.051	1181900	20.0
Naphthalene, 2,...	9.622	5.5	ng	325586	3	10.051	1181900	20.0
Naphthalene, 1,...	9.704	8.4	ng	497160	3	10.051	1181900	20.0
Tetradecane, 1-...	9.751	5.6	ng	332413	3	10.051	1181900	20.0
Decane, 2,3,5-t...	9.963	8.4	ng	499607	3	10.051	1181900	20.0
Tridecane, 6-pr...	10.463	10.4	ng	617233	3	10.051	1181900	20.0
Octane, 3,5-dim...	10.686	5.2	ng	309251	3	10.051	1181900	20.0
Benzophenone	10.757	5.3	ng	312063	3	10.051	1181900	20.0
Heptadecane	10.939	11.9	ng	777987	4	11.545	1303690	20.0
Tetradecane	11.392	6.2	ng	406754	4	11.545	1303690	20.0
Hexadecanoic ac...	11.922	9.9	ng	647604	4	11.545	1303690	20.0
Anthracene, 2-m...	12.051	10.2	ng	662147	4	11.545	1303690	20.0
Phenanthrene, 2...	12.075	8.4	ng	548189	4	11.545	1303690	20.0
4H-Cyclopenta[d...	12.163	10.1	ng	660350	4	11.545	1303690	20.0
Dodecane, 2-met...	12.227	4.7	ng	307840	4	11.545	1303690	20.0
9,12-Octadecadi...	12.610	38.5	ng	2506040	4	11.545	1303690	20.0
(Z)-15-Octadece...	12.633	26.5	ng	1729740	4	11.545	1303690	20.0
Methyl stearate	12.716	5.0	ng	325930	4	11.545	1303690	20.0
Benzo[e]pyrene	15.621	10.2	ng	530859	6	15.757	1037480	20.0