LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134257.D
Acq On : 12 Jul 2023 20:56
Operator : CG\JU
Sample : 03555-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-240

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134257.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	17	rVB	866204	1082513	60.80%	5.633%
2	4.587	420	425	436	rVB	31620	37931	2.13%	0.197%
3	5.081	504	509	520	rVB	34101	48253	2.71%	0.251%
4	5.475	572	576	591	rVB	1502931	1412884	79.35%	7.352%
5	6.087	675	680	688	rBV7	10948	20689	1.16%	0.108%
6	6.481	743	747	760	rBV	1692553	1492985	83.85%	7.768%
7	6.669	775	779	782	rBV2	26056	28150	1.58%	0.146%
8	6.845	805	809	815	rBV	579103	536196	30.12%	2.790%
9	7.404	900	904	907	rBV	1123751	942478	52.93%	4.904%
10	8.098	1020	1022	1023	rBV	31567	23931	1.34%	0.125%
11	8.122	1023	1026	1029	rVV	882190	711176	39.94%	3.700%
12	8.145	1029	1030	1033	rVV	66525	40198	2.26%	0.209%
13	8.175	1033	1035	1038	rVB	25241	23473	1.32%	0.122%
14	8.410	1068	1075	1081	rBV7	13527	23645	1.33%	0.123%
15	8.539	1093	1097	1102	rBV	44646	44976	2.53%	0.234%
16	8.710	1123	1126	1130	rVB	38553	29665	1.67%	0.154%
17	8.834	1145	1147	1151	rBV	51454	43535	2.45%	0.227%
18	8.934	1161	1164	1167	rBV	37659	30156	1.69%	0.157%
19	9.139	1197	1199	1204	rVB	28091	21464	1.21%	0.112%
20	9.198	1205	1209	1213	rBV	2142172	1780490	100.00%	9.264%
21	9.275	1219	1222	1225	rBV	40556	32129	1.80%	0.167%
22	9.469	1250	1255	1259	rVB3	19636	23463	1.32%	0.122%
23	9.539	1264	1267	1269	rBV	32780	33562	1.88%	0.175%
24	9.598	1273	1277	1279	rVB3	29610	28160	1.58%	0.147%
25	9.739	1299	1301	1305	rBV	43924	38794	2.18%	0.202%
26	9.810	1310	1313	1318	rVB	42797	33697	1.89%	0.175%
27	9.880	1318	1325	1328	rBV	864520	715596	40.19%	3.723%
28	9.916	1328	1331	1334	rVB3	37023	37076	2.08%	0.193%
29	10.039	1347	1352	1356	rBV8	11044	20561	1.15%	0.107%
30	10.086	1356	1360	1364	rVV2	51021	55504	3.12%	0.289%
31	10.128	1364	1367	1371	rVB4	19553	24964	1.40%	0.130%
32	10.286	1390	1394	1396	rBV4	22742	25793	1.45%	0.134%
33	10.310	1396	1398	1401	rVB	51263	37769	2.12%	0.197%
34	10.428	1415	1418	1420	rBV2	24744	26015	1.46%	0.135%
35	10.533	1431	1436	1441	rBV5	15993	27476	1.54%	0.143%
36	10.598	1441	1447	1453	rVV	175746	154297	8.67%	0.803%

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Misc :
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Instrument :
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ClientSampleId :
VNJ-240

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.675	1456	1460	1470	rVB	1106276	967349	54.33%	5.033%
38	10.798	1476	1481	1488	rVB2	61390	88300	4.96%	0.459%
39	11.110	1530	1534	1536	rBV3	19480	26215	1.47%	0.136%
40	11.180	1544	1546	1551	rBV2	28835	29823	1.67%	0.155%
41	11.233	1551	1555	1559	rVV2	43351	54991	3.09%	0.286%
42	11.269	1559	1561	1569	rVB3	32287	33618	1.89%	0.175%
43	11.375	1575	1579	1582	rBV	642235	629534	35.36%	3.276%
44	11.398	1582	1583	1587	rVV	322465	222022	12.47%	1.155%
45	11.451	1590	1592	1595	rVB	65767	52629	2.96%	0.274%
46	11.610	1615	1619	1623	rBV3	27118	41404	2.33%	0.215%
47	11.669	1626	1629	1631	rVV2	40717	38535	2.16%	0.201%
48	11.710	1634	1636	1642	rVB5	19627	26709	1.50%	0.139%
49	11.880	1662	1665	1667	rBV2	49424	46226	2.60%	0.241%
50	11.904	1667	1669	1674	rVB2	261829	245070	13.76%	1.275%
51	11.992	1680	1684	1686	rBV2	76671	74246	4.17%	0.386%
52	12.016	1686	1688	1691	rVB	43311	35708	2.01%	0.186%
53	12.074	1694	1698	1703	rBV3	38155	49798	2.80%	0.259%
54	12.180	1713	1716	1718	rBV	52971	51567	2.90%	0.268%
55	12.210	1718	1721	1726	rVB	34901	40806	2.29%	0.212%
56	12.327	1739	1741	1744	rVB2	24476	21092	1.18%	0.110%
57	12.363	1744	1747	1749	rBV	26449	26872	1.51%	0.140%
58	12.433	1755	1759	1762	rBV	56185	63866	3.59%	0.332%
59	12.469	1762	1765	1767	rVV3	52359	55825	3.14%	0.290%
60	12.522	1771	1774	1779	rVB	44308	48731	2.74%	0.254%
61	12.598	1781	1787	1792	rBV	727356	619238	34.78%	3.222%
62	12.698	1801	1804	1808	rBV	67960	82674	4.64%	0.430%
63	12.827	1821	1826	1832	rBV	557441	624001	35.05%	3.247%
64	12.880	1832	1835	1840	rVB2	40121	51482	2.89%	0.268%
65	12.974	1847	1851	1854	rBV	1434291	1253461	70.40%	6.522%
66	13.045	1859	1863	1868	rBV4	41786	68247	3.83%	0.355%
67	13.133	1875	1878	1880	rBV3	37036	45759	2.57%	0.238%
68	13.157	1880	1882	1885	rVB2	72480	71680	4.03%	0.373%
69	13.204	1887	1890	1892	rBV2	27116	24024	1.35%	0.125%
70	13.227	1892	1894	1896	rBV	45904	31289	1.76%	0.163%
71	13.263	1896	1900	1903	rBV2	55204	58635	3.29%	0.305%
72	13.357	1913	1916	1919	rBV	31760	29525	1.66%	0.154%
73	13.392	1919	1922	1925	rBV3	31274	40191	2.26%	0.209%
74	13.545	1945	1948	1951	rBV2	39252	47621	2.67%	0.248%
75	13.645	1963	1965	1967	rBV3	20264	22346	1.26%	0.116%
76	13.674	1967	1970	1975	rVB	75576	86020	4.83%	0.448%

LSC Area Percent Report

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Sample : 03555-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-240

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.786	1986	1989	1991	rBV2	54200	50375	2.83%	0.262%
78	13.810	1991	1993	1995	rBV	34984	27290	1.53%	0.142%
79	13.833	1995	1997	2003	rBV2	41770	61596	3.46%	0.320%
80	13.886	2003	2006	2008	rBV2	75834	83781	4.71%	0.436%
81	14.039	2025	2032	2034	rBV2	645722	860111	48.31%	4.475%
82	14.063	2034	2036	2042	rVB	343733	325748	18.30%	1.695%
83	14.145	2048	2050	2052	rVB	49116	34407	1.93%	0.179%
84	14.198	2055	2059	2062	rBV4	52600	78995	4.44%	0.411%
85	14.427	2096	2098	2101	rVB	63518	59377	3.33%	0.309%
86	14.463	2101	2104	2107	rBV	38606	39616	2.23%	0.206%
87	14.504	2109	2111	2117	rBV4	33044	43967	2.47%	0.229%
88	14.551	2117	2119	2121	rBV2	37253	35352	1.99%	0.184%
89	15.098	2208	2212	2216	rBV	274860	442907	24.88%	2.305%
90	15.174	2222	2225	2228	rVB2	55383	68513	3.85%	0.356%
91	15.210	2228	2231	2235	rBV	55128	60697	3.41%	0.316%
92	15.415	2262	2266	2273	rVB	144418	194276	10.91%	1.011%
93	15.480	2273	2277	2283	rVB	223848	277798	15.60%	1.445%
94	15.545	2283	2288	2291	rBV	290293	377152	21.18%	1.962%
95	17.086	2546	2550	2560	rVB2	83591	159786	8.97%	0.831%
96	17.556	2627	2630	2638	rVB	62286	120205	6.75%	0.625%

Sum of corrected areas: 19218722

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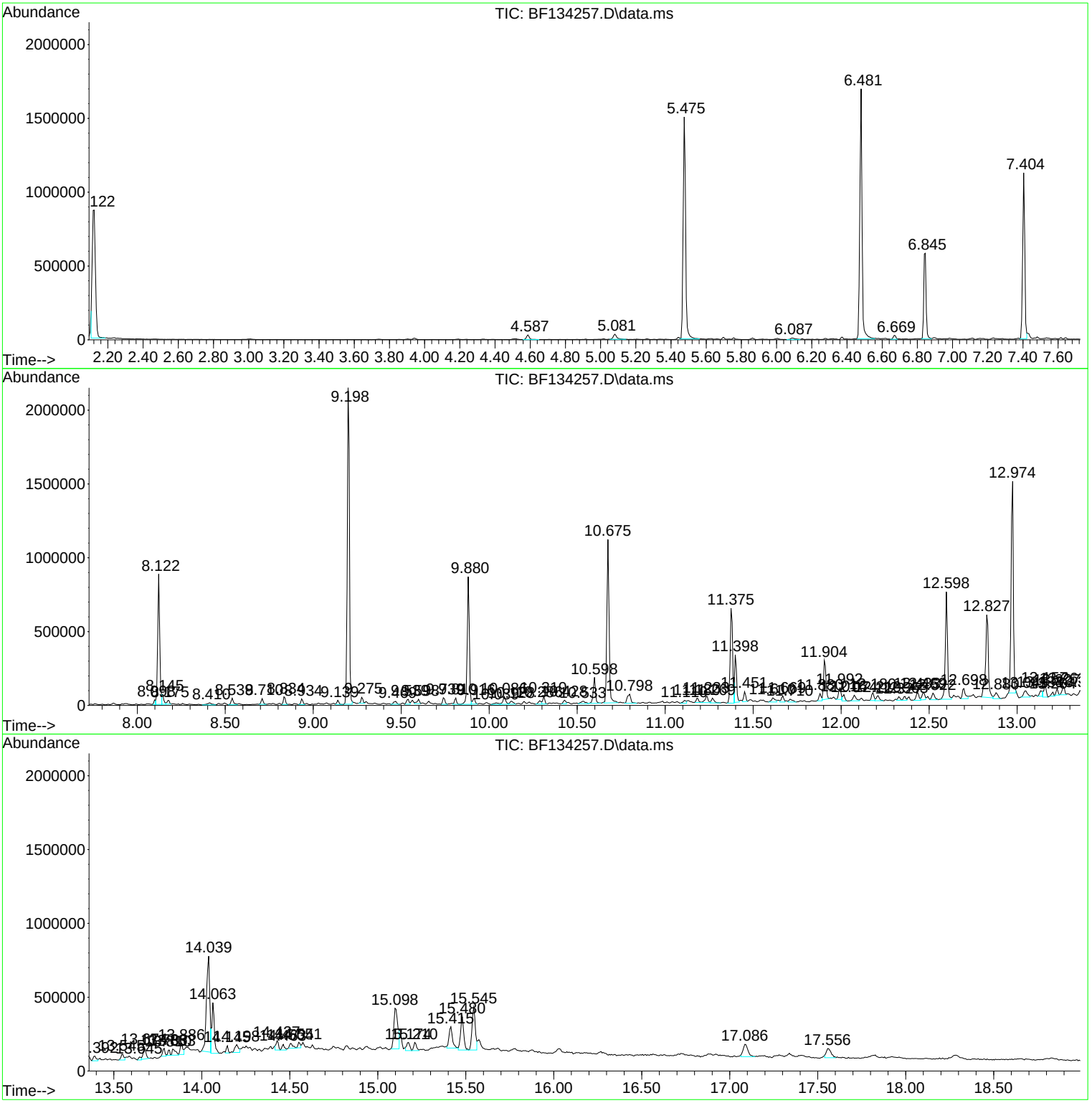
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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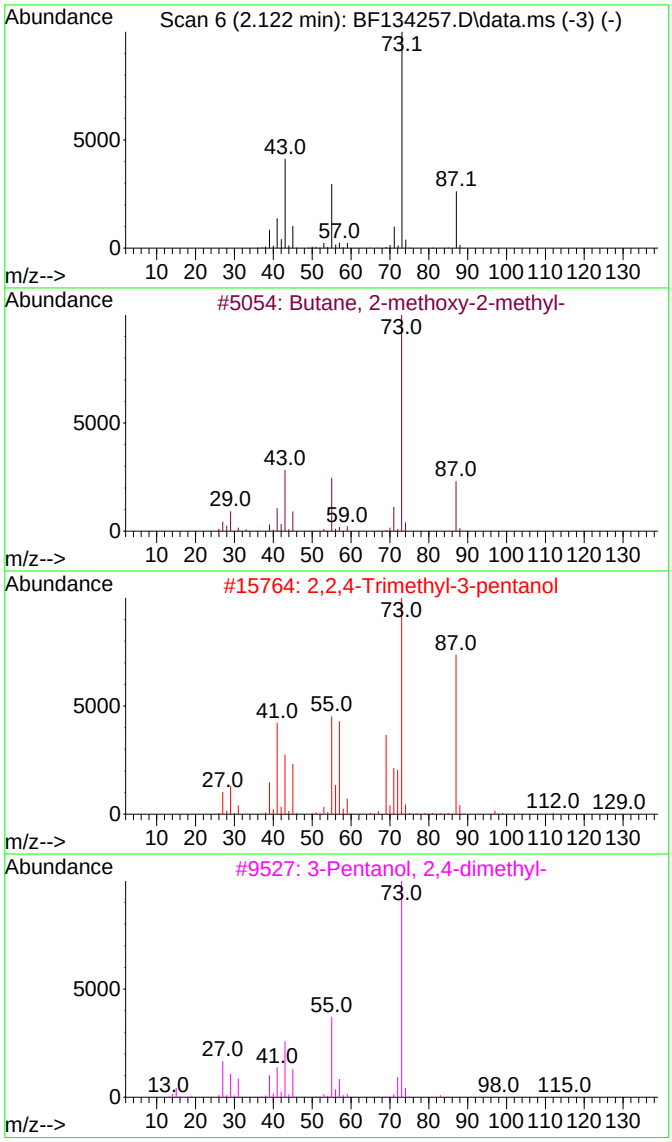
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

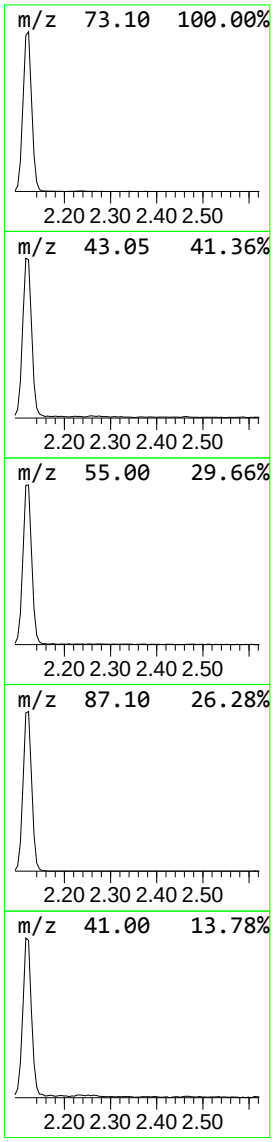
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	40.38 ng	1082510	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

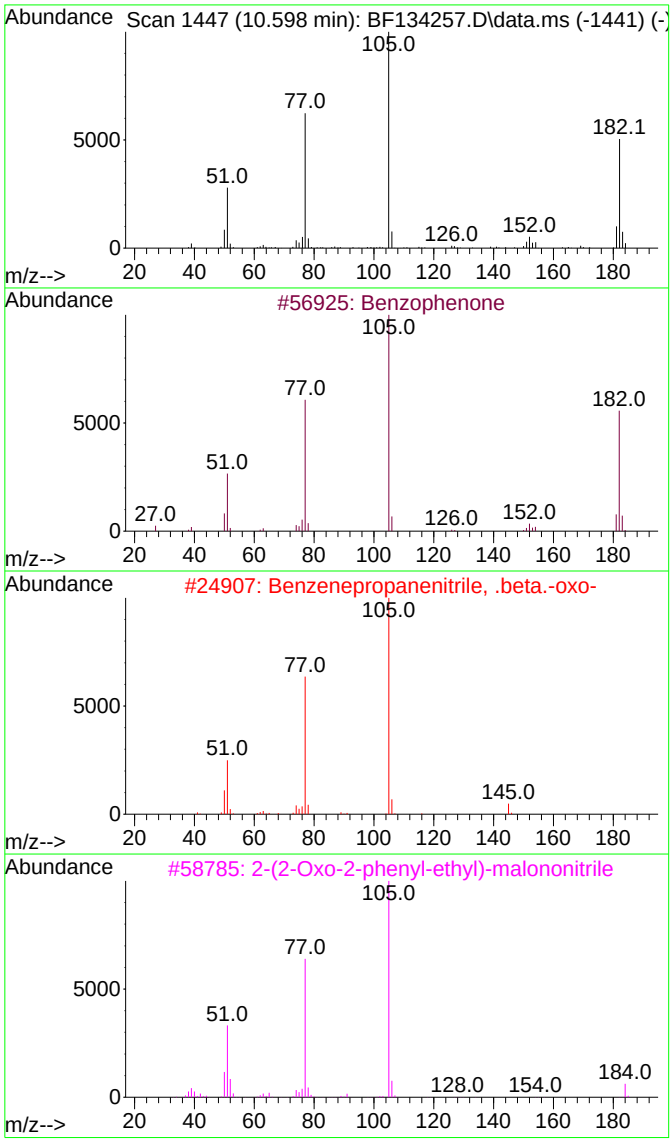
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

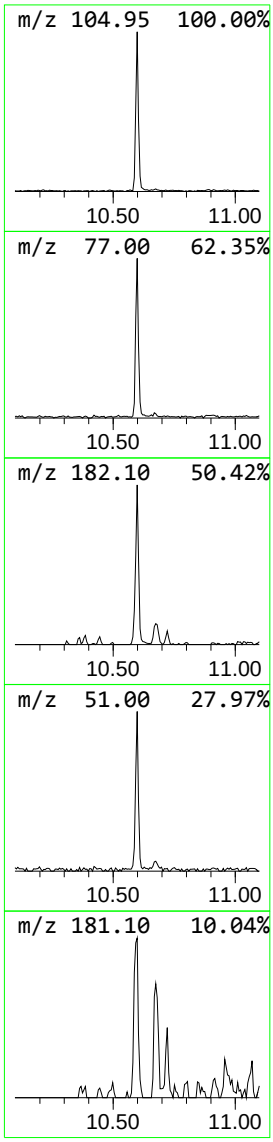
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	4.31 ng	154297	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

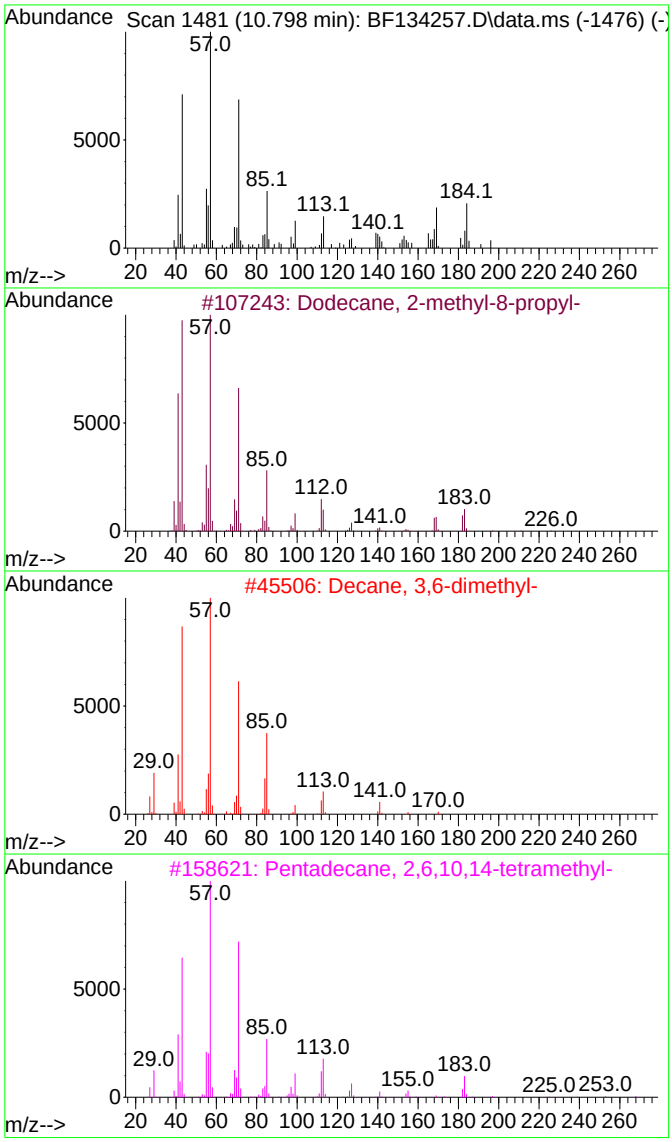
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

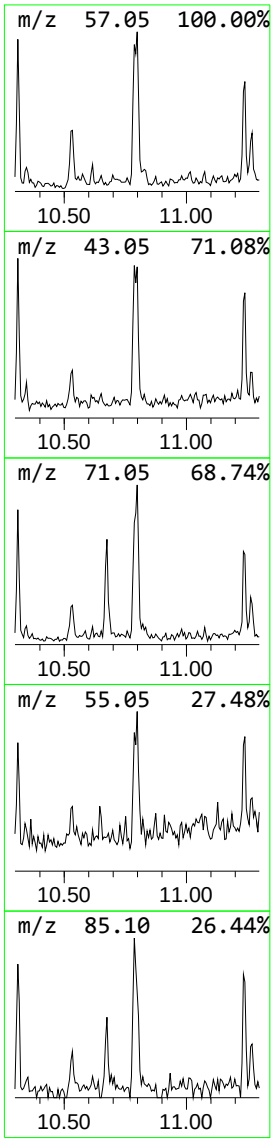
****

Peak Number 3 Dodecane, 2-methyl-8-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	2.81 ng	88300	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

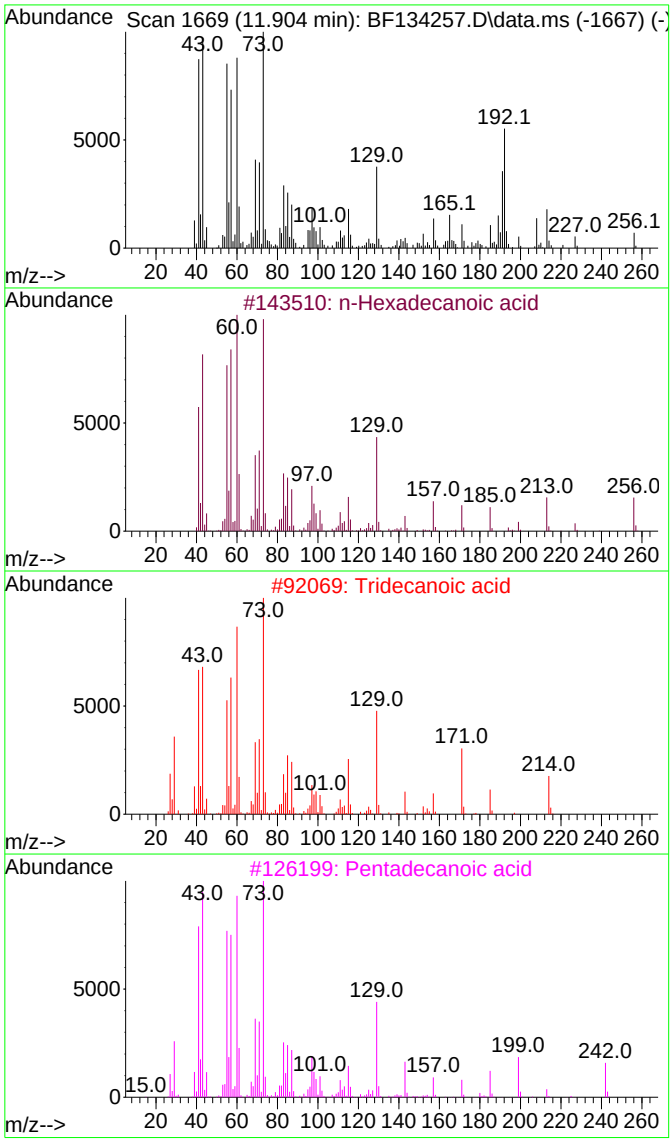
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

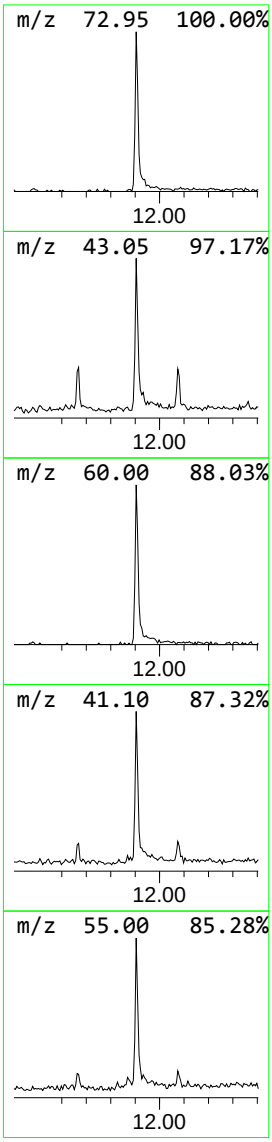
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	7.79 ng	245070	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





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Sample : 03555-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-240

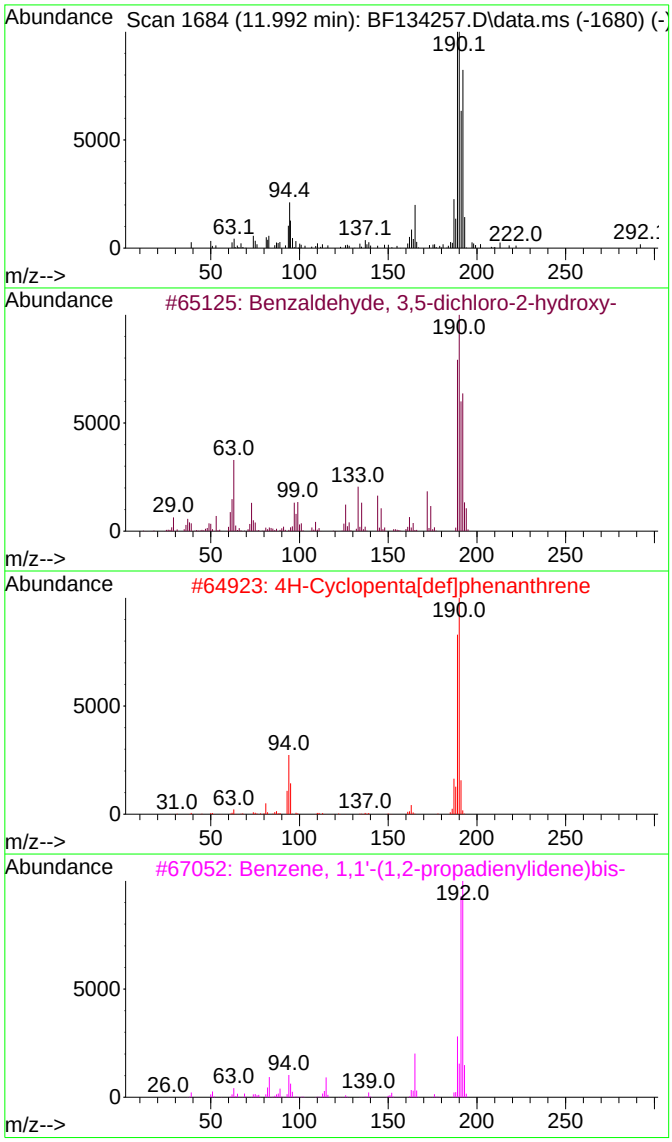
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

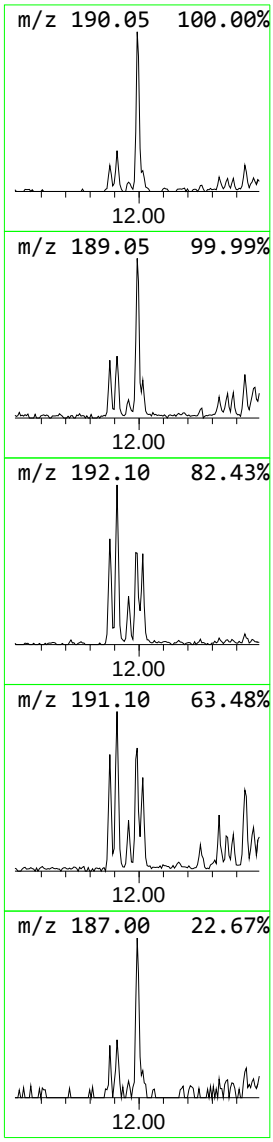
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	2.36 ng	74246	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	43
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134257.D
Acq On : 12 Jul 2023 20:56
Operator : CG\JU
Sample : 03555-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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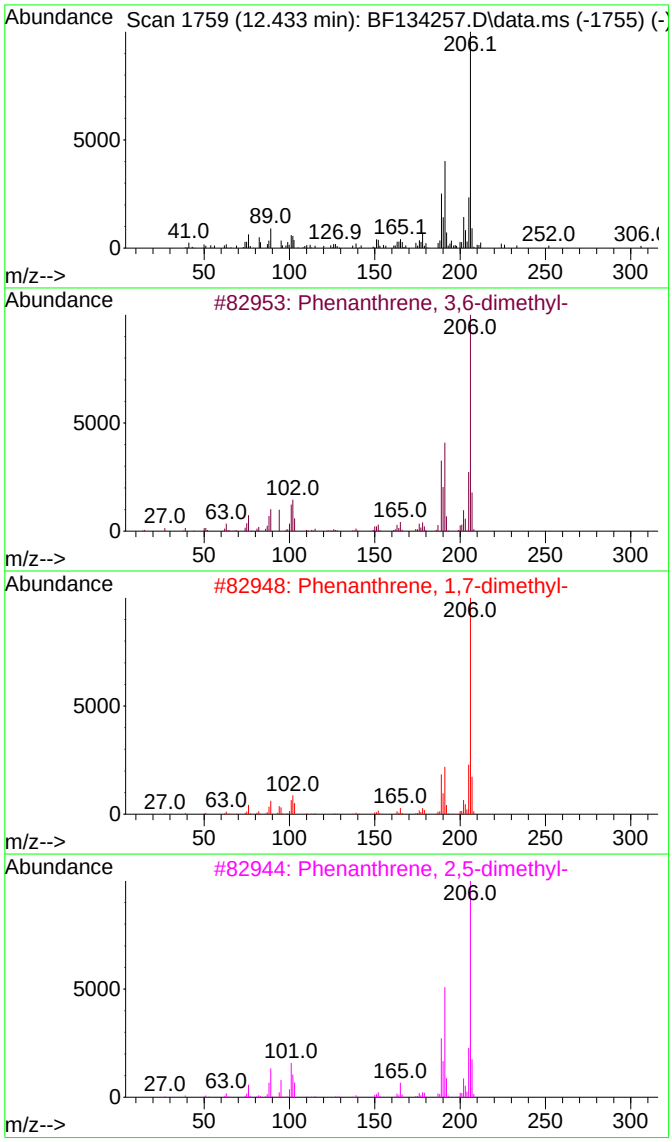
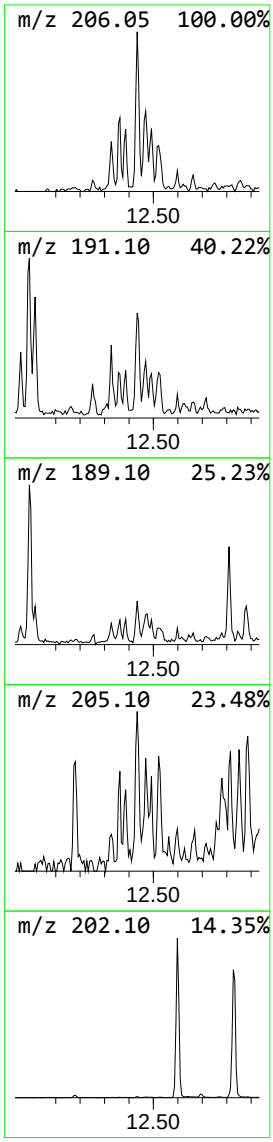
Peak Number 6 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	2.03 ng	63866	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	74





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Sample : 03555-11
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Instrument :
BNA_F
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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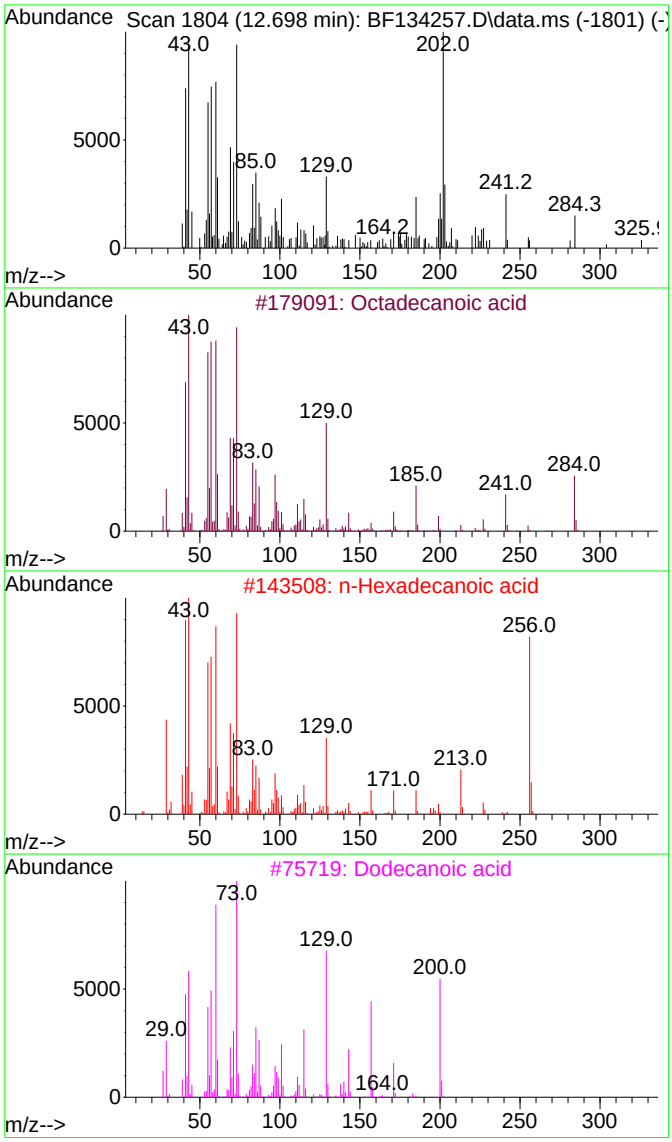
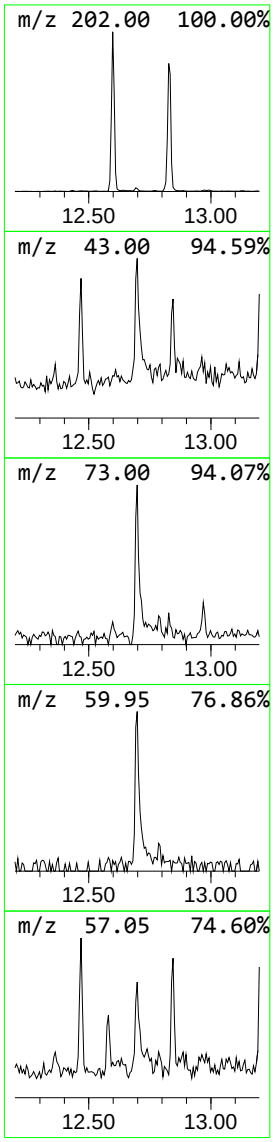
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	2.63 ng	82674	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
3	Dodecanoic acid	200	C12H24O2	000143-07-7	38
4	Fluoranthene	202	C16H10	000206-44-0	35
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	30





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BNA_F
ClientSampleId :
VNJ-240

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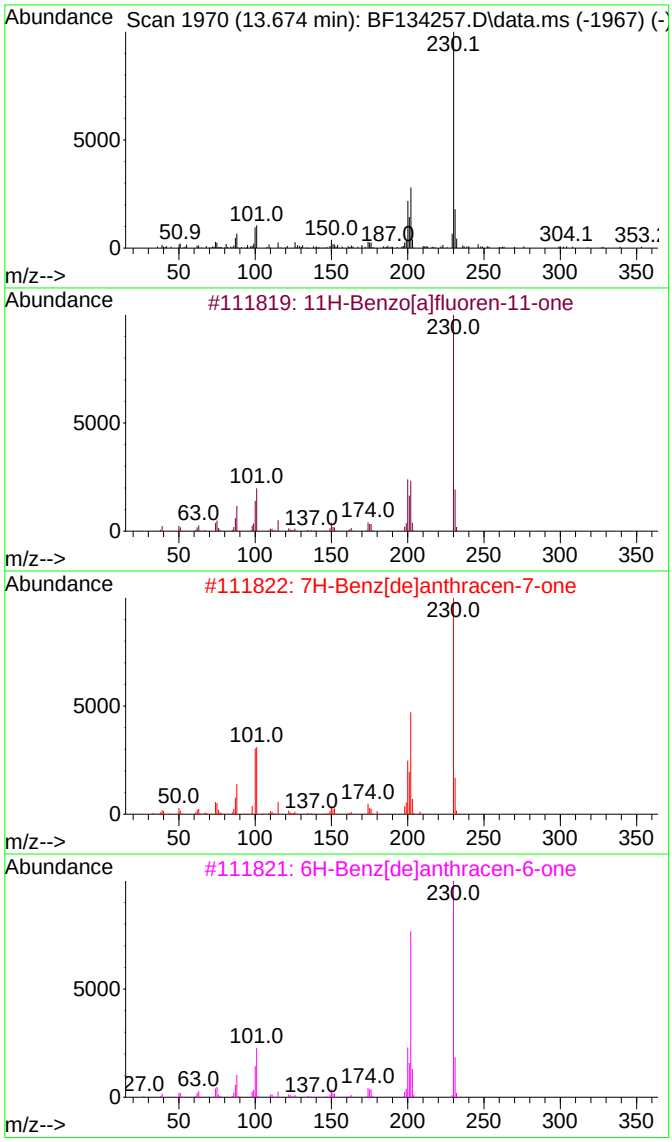
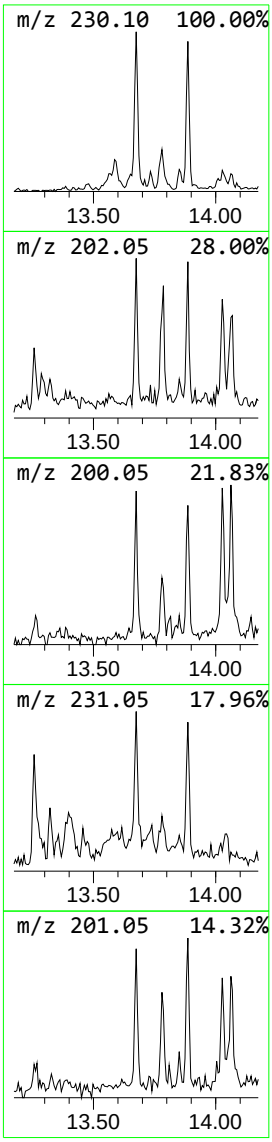
Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	2.00 ng	86020	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	53





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BNA_F
ClientSampleId :
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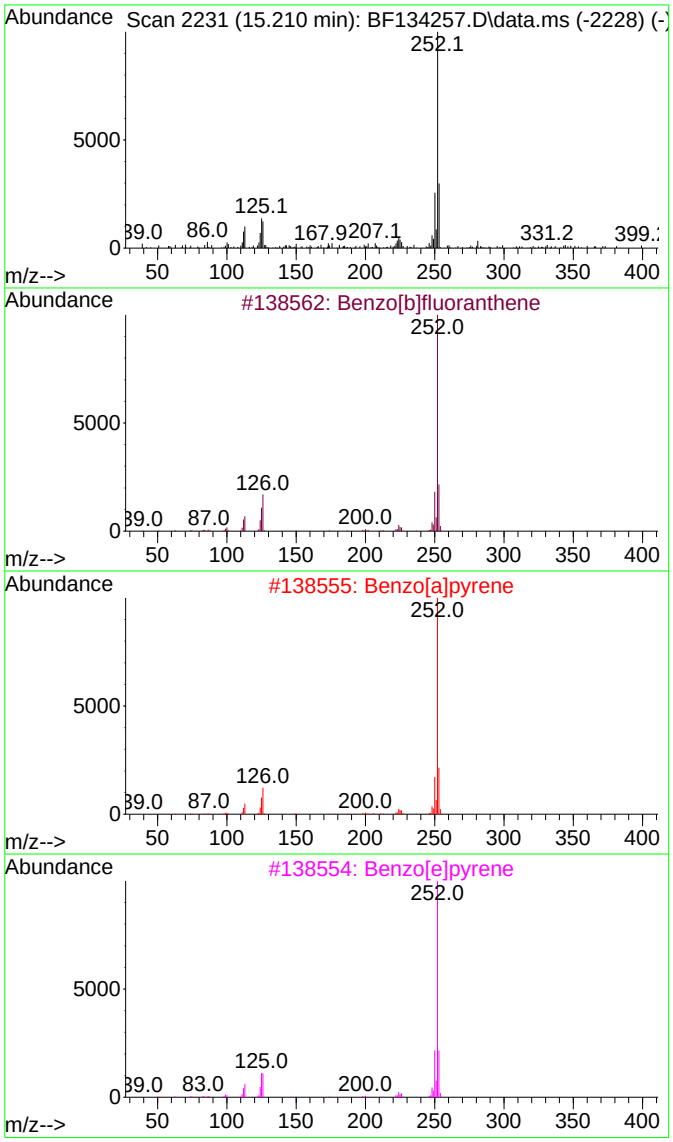
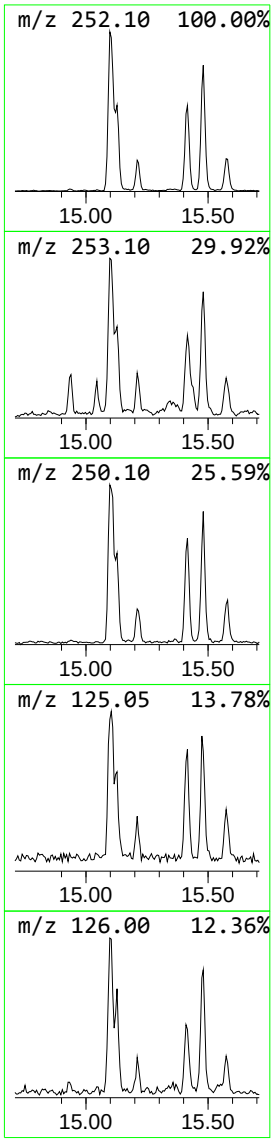
Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	3.22 ng	60697	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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TIC Library : C:\Database\NIST20.L
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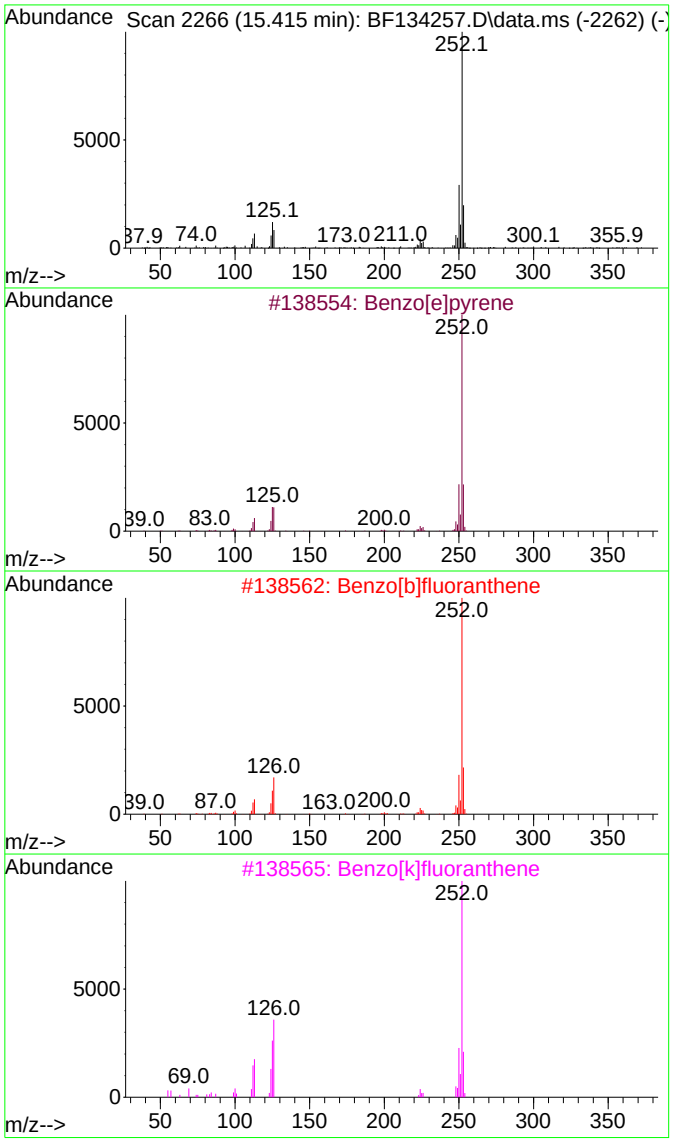
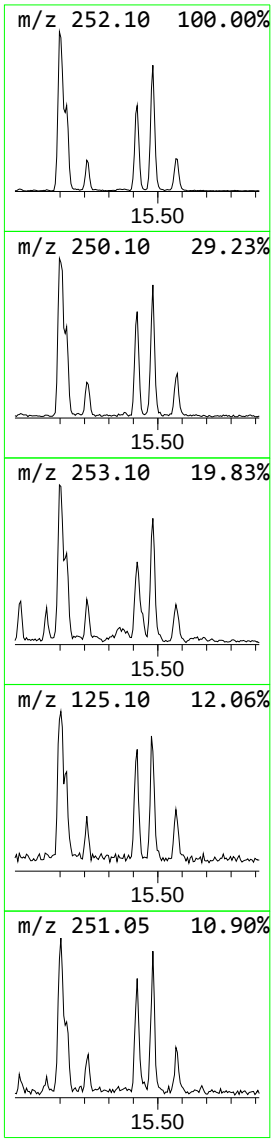
Peak Number 10 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	10.30 ng	194276	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-metho...	2.122	40.4	ng	1082510	1	6.845	536196	20.0
Benzophenone	10.598	4.3	ng	154297	3	9.880	715596	20.0
Dodecane, 2-met...	10.798	2.8	ng	88300	4	11.374	629534	20.0
n-Hexadecanoic ...	11.904	7.8	ng	245070	4	11.374	629534	20.0
Benzaldehyde, 3...	11.992	2.4	ng	74246	4	11.374	629534	20.0
Phenanthrene, 3...	12.433	2.0	ng	63866	4	11.374	629534	20.0
Octadecanoic acid	12.698	2.6	ng	82674	4	11.374	629534	20.0
11H-Benzo[a]flu...	13.674	2.0	ng	86020	5	14.039	860111	20.0
Benzo[e]pyrene	15.210	3.2	ng	60697	6	15.545	377152	20.0
Perylene	15.415	10.3	ng	194276	6	15.545	377152	20.0