LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110173.D
Acq On : 25 Oct 2018 21:07
Operator : JU/SJ
Sample : J5625-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	34	39	48	rVB	409750	546135	15.78%	1.382%
2	3.593	253	256	268	rBV	29460	69699	2.01%	0.176%
3	5.210	527	531	538	rBV	122821	157598	4.55%	0.399%
4	5.592	589	596	599	rBV	3074775	3029344	87.55%	7.668%
5	5.816	631	634	638	rBV2	45563	61631	1.78%	0.156%
6	6.592	759	766	770	rBV2	2778288	3460159	100.00%	8.758%
7	6.734	786	790	794	rBV	3256648	3157264	91.25%	7.992%
8	6.792	796	800	804	rBV2	83961	100186	2.90%	0.254%
9	6.963	826	829	833	rBV	1084223	898057	25.95%	2.273%
10	7.016	835	838	841	rBV2	38995	36638	1.06%	0.093%
11	7.122	852	856	859	rBV	2901420	2459869	71.09%	6.227%
12	7.228	868	874	877	rBV4	35677	42329	1.22%	0.107%
13	7.528	920	925	928	rBV	2122367	2018103	58.32%	5.108%
14	7.822	972	975	978	rBV	47219	43872	1.27%	0.111%
15	8.216	1039	1042	1044	rBV	52056	41736	1.21%	0.106%
16	8.245	1044	1047	1050	rBV	1211174	1151190	33.27%	2.914%
17	8.457	1080	1083	1089	rVB	36802	36993	1.07%	0.094%
18	8.522	1090	1094	1097	rBV	55212	60393	1.75%	0.153%
19	8.822	1140	1145	1152	rBV	56360	64010	1.85%	0.162%
20	8.963	1165	1169	1172	rVB	142221	131691	3.81%	0.333%
21	9.063	1182	1186	1189	rBV	98921	96036	2.78%	0.243%
22	9.257	1211	1219	1223	rBV2	36321	58141	1.68%	0.147%
23	9.322	1223	1230	1233	rBV	3744564	3339604	96.52%	8.453%
24	9.392	1239	1242	1245	rBV	71525	62774	1.81%	0.159%
25	9.586	1270	1275	1279	rBV2	55368	76238	2.20%	0.193%
26	9.663	1285	1288	1290	rBV	89498	89989	2.60%	0.228%
27	9.686	1290	1292	1294	rVV	61695	59183	1.71%	0.150%
28	9.710	1294	1296	1304	rVB	575768	537307	15.53%	1.360%
29	9.780	1304	1308	1309	rBV2	44661	44700	1.29%	0.113%
30	9.869	1317	1323	1326	rBV	124603	121196	3.50%	0.307%
31	9.922	1328	1332	1335	rVB	84119	74096	2.14%	0.188%
32	10.010	1343	1347	1350	rVV	1234666	1173099	33.90%	2.969%
33	10.039	1350	1352	1355	rVB	63575	48913	1.41%	0.124%
34	10.110	1360	1364	1368	rVB3	25516	37149	1.07%	0.094%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5625-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.163	1368	1373	1375	rBV4	31147	52888	1.53%	0.134%
36	10.210	1378	1381	1384	rVB2	73924	77532	2.24%	0.196%
37	10.245	1384	1387	1391	rVB2	53309	48592	1.40%	0.123%
38	10.322	1396	1400	1402	rBV2	48130	55249	1.60%	0.140%
39	10.422	1410	1417	1421	rVB2	106971	155267	4.49%	0.393%
40	10.545	1436	1438	1445	rVB4	47926	81105	2.34%	0.205%
41	10.639	1449	1454	1456	rVV2	51637	47797	1.38%	0.121%
42	10.710	1462	1466	1470	rBV3	31961	44068	1.27%	0.112%
43	10.798	1477	1481	1487	rBV	2010603	1827374	52.81%	4.626%
44	10.910	1494	1500	1507	rVB4	138694	249105	7.20%	0.631%
45	11.104	1528	1533	1535	rBV3	25490	38827	1.12%	0.098%
46	11.227	1550	1554	1557	rBV4	38338	68433	1.98%	0.173%
47	11.304	1563	1567	1570	rBV2	70970	73157	2.11%	0.185%
48	11.345	1571	1574	1577	rVV	136512	123584	3.57%	0.313%
49	11.392	1581	1582	1586	rVB2	39512	36709	1.06%	0.093%
50	11.498	1596	1600	1602	rBV	1203652	1051981	30.40%	2.663%
51	11.521	1602	1604	1609	rVB	433043	346641	10.02%	0.877%
52	11.574	1610	1613	1615	rVV	128015	95691	2.77%	0.242%
53	11.727	1636	1639	1644	rBV3	57140	65945	1.91%	0.167%
54	11.769	1644	1646	1649	rVV2	82996	71411	2.06%	0.181%
55	11.827	1654	1656	1661	rVB	34964	36997	1.07%	0.094%
56	12.004	1682	1686	1688	rBV2	218156	225540	6.52%	0.571%
57	12.027	1688	1690	1693	rVB	168293	139108	4.02%	0.352%
58	12.110	1701	1704	1707	rBV2	148685	164724	4.76%	0.417%
59	12.133	1707	1708	1712	rVB	94174	64689	1.87%	0.164%
60	12.180	1713	1716	1718	rBV2	109742	89479	2.59%	0.226%
61	12.292	1732	1735	1738	rBV3	73996	72567	2.10%	0.184%
62	12.321	1738	1740	1746	rVB2	61485	69726	2.02%	0.176%
63	12.551	1776	1779	1781	rBV	127480	137315	3.97%	0.348%
64	12.639	1791	1794	1798	rBV2	85847	106501	3.08%	0.270%
65	12.716	1803	1807	1810	rVV	755237	614218	17.75%	1.555%
66	12.810	1821	1823	1825	rVB	55100	41592	1.20%	0.105%
67	12.945	1840	1846	1852	rVV	758751	838668	24.24%	2.123%
68	12.998	1852	1855	1858	rVB2	72854	82047	2.37%	0.208%
69	13.086	1863	1870	1873	rBV	2340622	2171894	62.77%	5.498%
70	13.163	1879	1883	1889	rBV5	86907	148303	4.29%	0.375%
71	13.251	1894	1898	1899	rBV3	82034	105204	3.04%	0.266%

LSC Area Percent Report

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Sample : J5625-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.268	1899	1901	1904	rVB	95387	101977	2.95%	0.258%
73	13.339	1910	1913	1915	rVB2	66069	52651	1.52%	0.133%
74	13.374	1915	1919	1922	rBV2	106337	126058	3.64%	0.319%
75	13.468	1933	1935	1938	rBV	91828	82362	2.38%	0.208%
76	13.504	1938	1941	1943	rVV	83733	77947	2.25%	0.197%
77	13.551	1947	1949	1952	rVB	100409	77029	2.23%	0.195%
78	13.639	1962	1964	1967	rBV2	42367	40365	1.17%	0.102%
79	13.780	1985	1988	1992	rVB	116165	120373	3.48%	0.305%
80	13.892	2003	2007	2010	rBV3	77955	103356	2.99%	0.262%
81	13.921	2010	2012	2014	rVB	79298	50687	1.46%	0.128%
82	13.968	2014	2020	2022	rBV4	209135	293071	8.47%	0.742%
83	14.104	2040	2043	2045	rBV	126302	118922	3.44%	0.301%
84	14.145	2045	2050	2053	rVV2	1001027	1302228	37.63%	3.296%
85	14.168	2053	2054	2063	rVB	367792	357814	10.34%	0.906%
86	14.286	2072	2074	2077	rVB2	72910	57398	1.66%	0.145%
87	14.533	2111	2116	2118	rVB	114916	127356	3.68%	0.322%
88	14.568	2119	2122	2124	rBV2	67365	64777	1.87%	0.164%
89	14.592	2124	2126	2129	rVV2	88226	78315	2.26%	0.198%
90	14.657	2135	2137	2140	rBV	59232	64272	1.86%	0.163%
91	14.910	2177	2180	2183	rVB	125248	119195	3.44%	0.302%
92	15.215	2228	2232	2235	rBV	380205	542366	15.67%	1.373%
93	15.268	2239	2241	2244	rVB	170582	160861	4.65%	0.407%
94	15.333	2249	2252	2256	rVB	63048	65473	1.89%	0.166%
95	15.539	2283	2287	2293	rVB	260969	322058	9.31%	0.815%
96	15.604	2294	2298	2304	rBV	290456	358687	10.37%	0.908%
97	15.668	2304	2309	2313	rBV	654714	910304	26.31%	2.304%
98	16.127	2383	2387	2392	rVB2	161786	259501	7.50%	0.657%
99	17.227	2569	2574	2580	rBV2	103219	199051	5.75%	0.504%
100	17.703	2650	2655	2661	rVB	83487	166627	4.82%	0.422%

Sum of corrected areas: 39506331

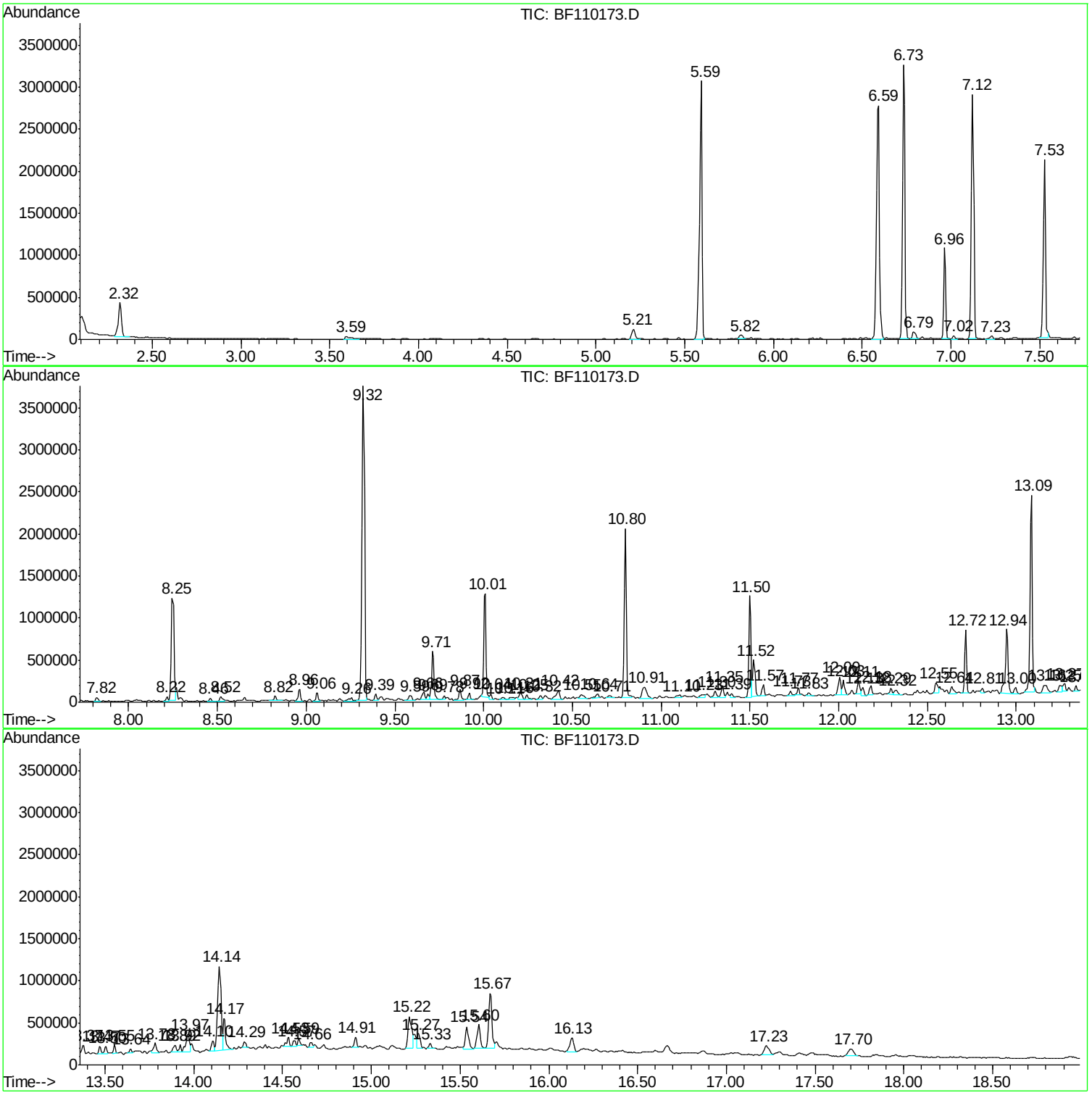
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110173.D
Acq On : 25 Oct 2018 21:07
Operator : JU/SJ
Sample : J5625-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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Acq On : 25 Oct 2018 21:07
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

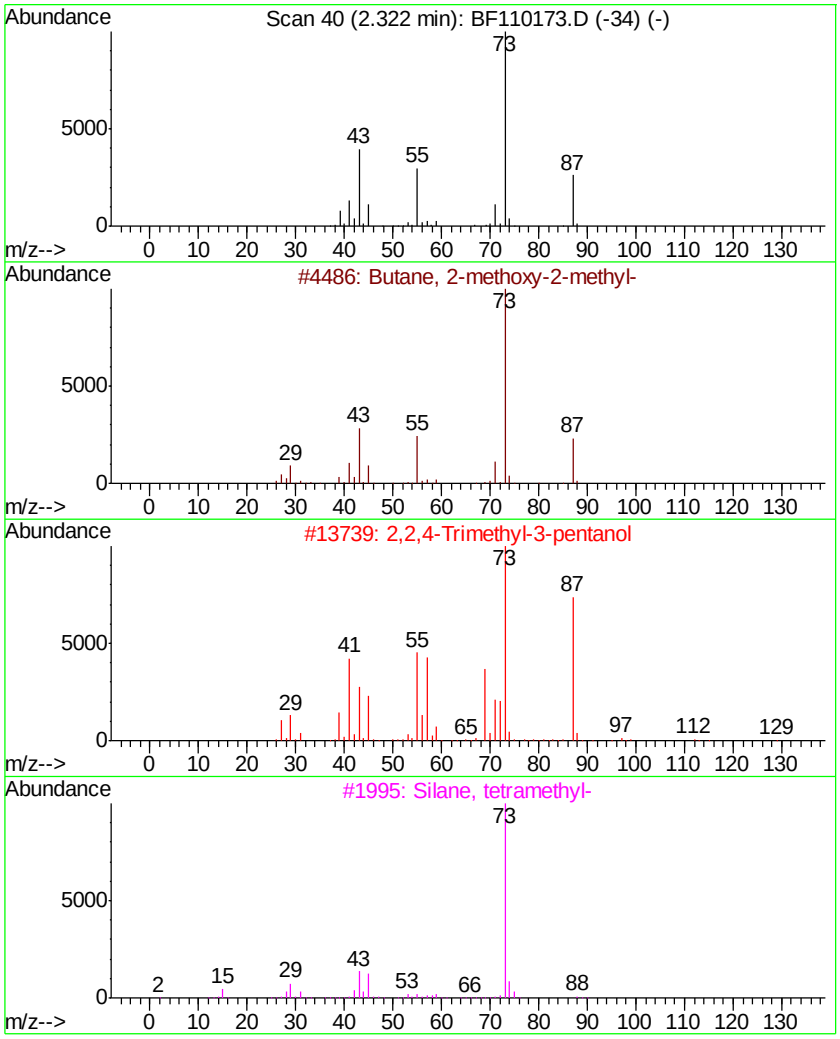
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

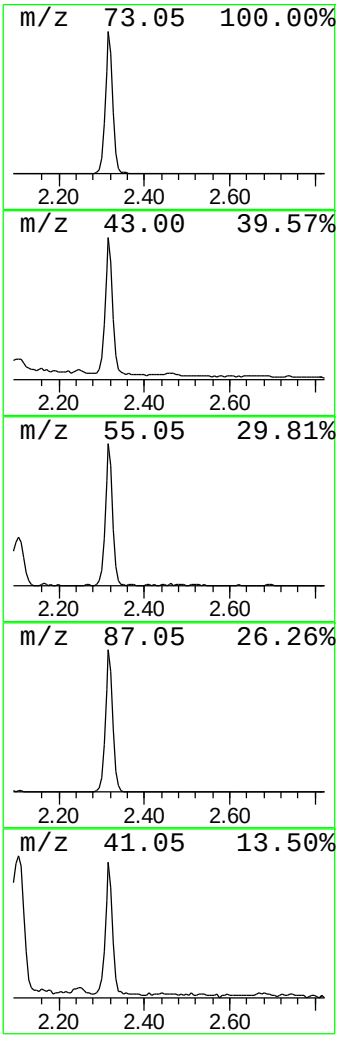
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	12.16 ng	546135	1,4-Dichlorobenzene-d4	6.96

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

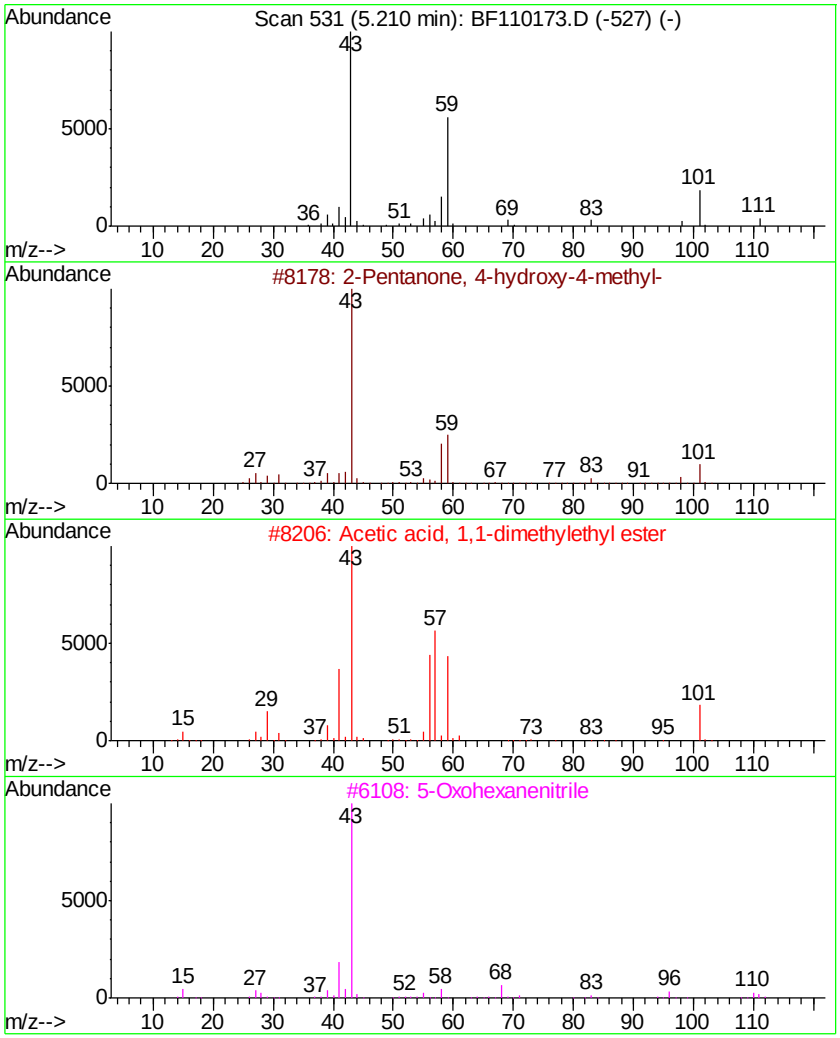
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

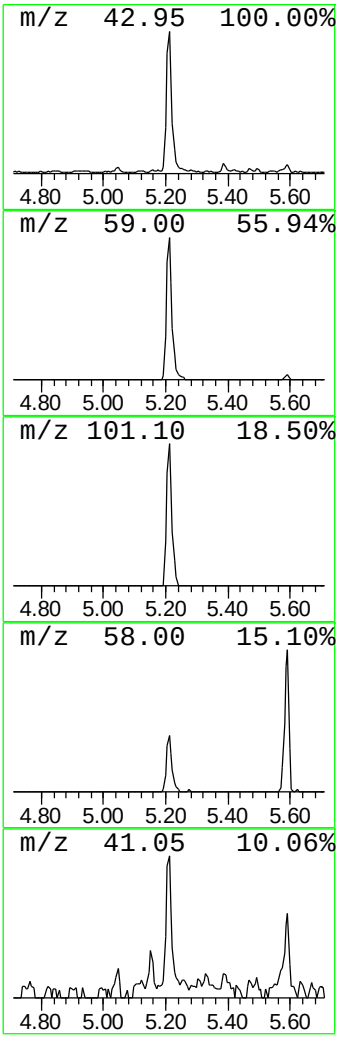
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	3.51 ng	157598	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
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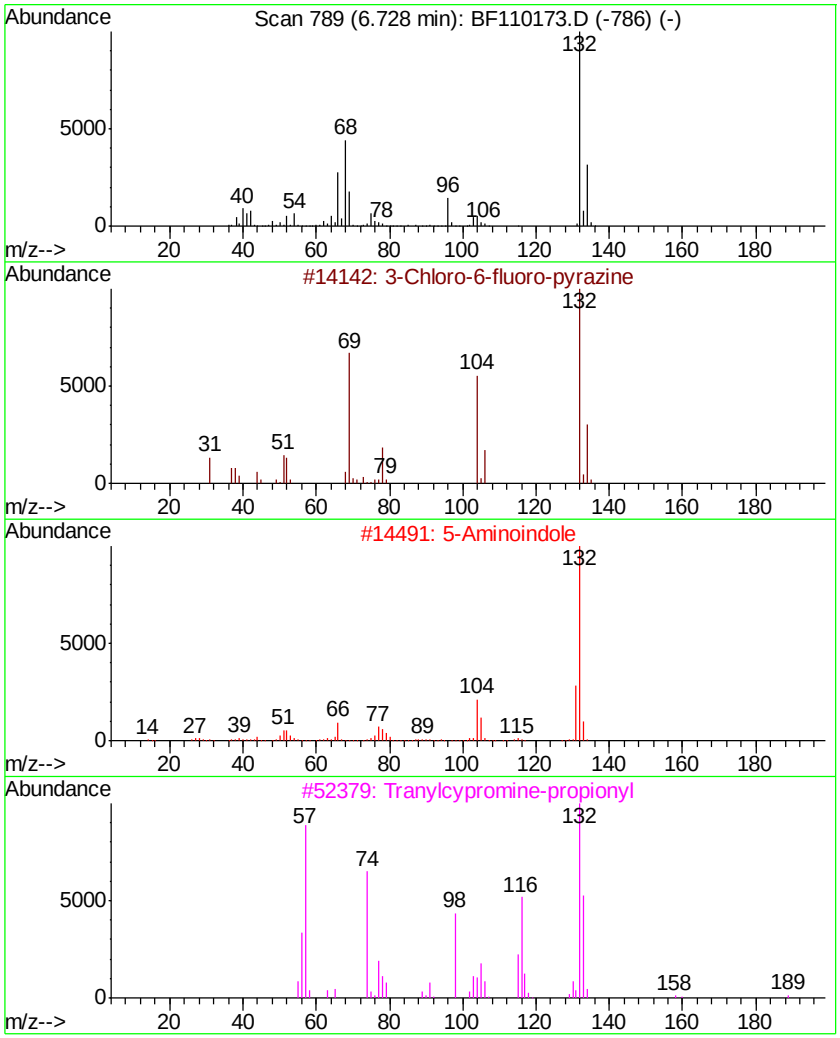
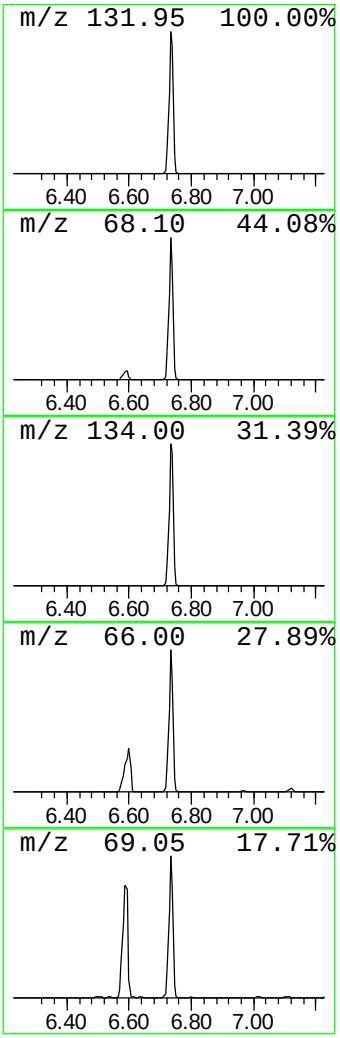
****

Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	70.31 ng	3157260	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

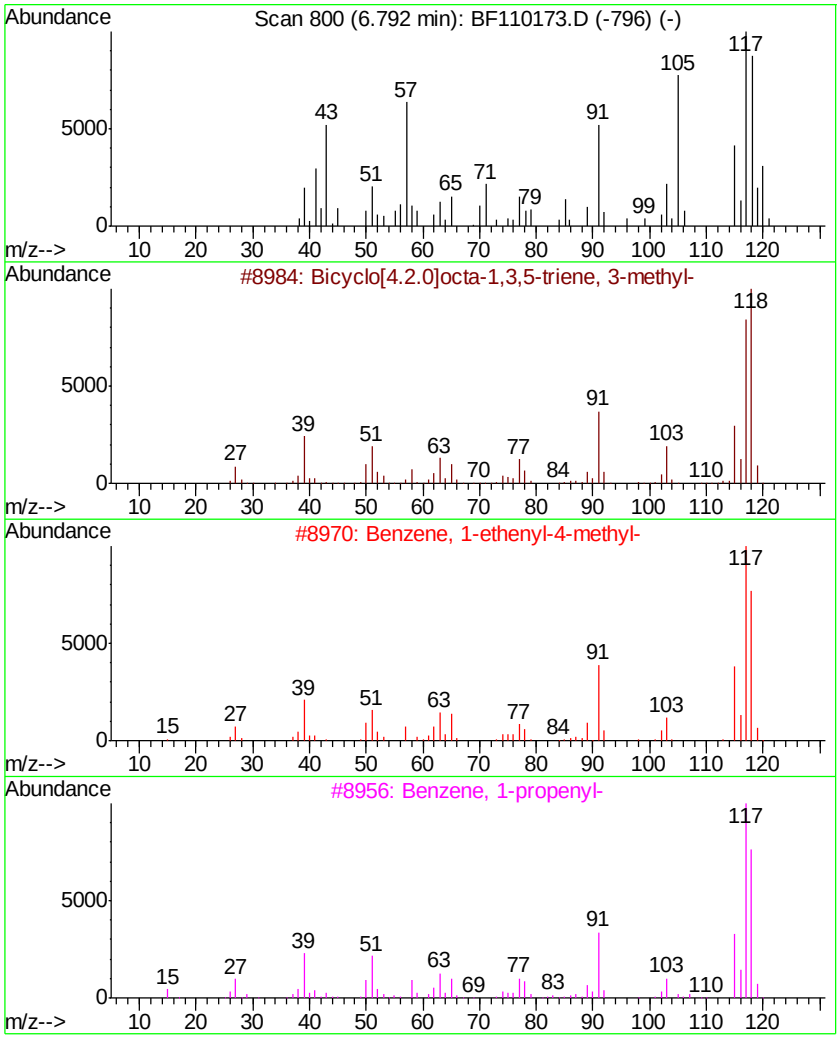
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

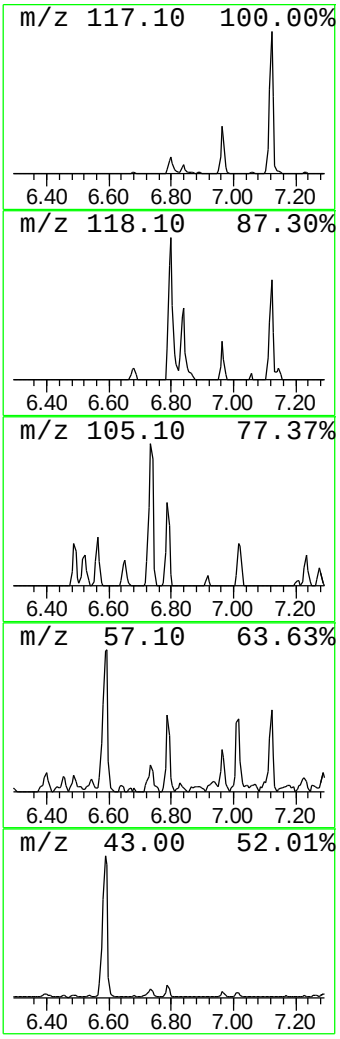
****

Peak Number 4 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.23 ng	100186	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	91
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	78
5	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	64





Library Search Compound Report

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Data File : BF110173.D
Acq On : 25 Oct 2018 21:07
Operator : JU/SJ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

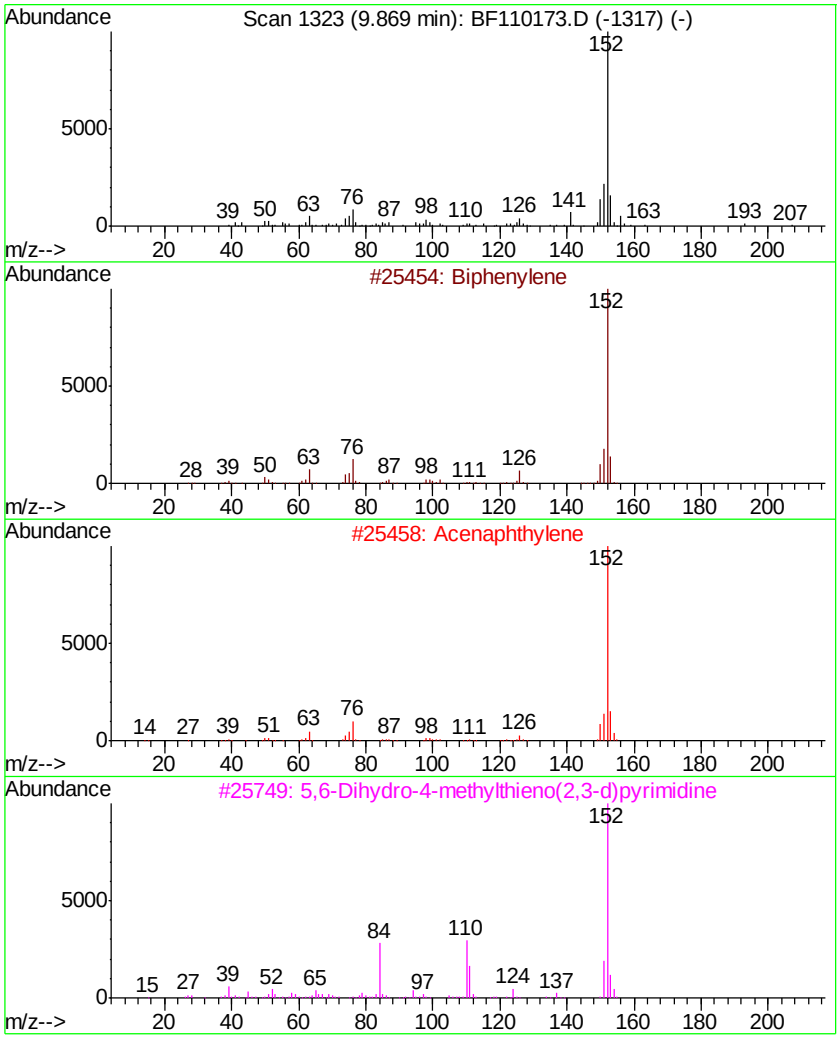
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

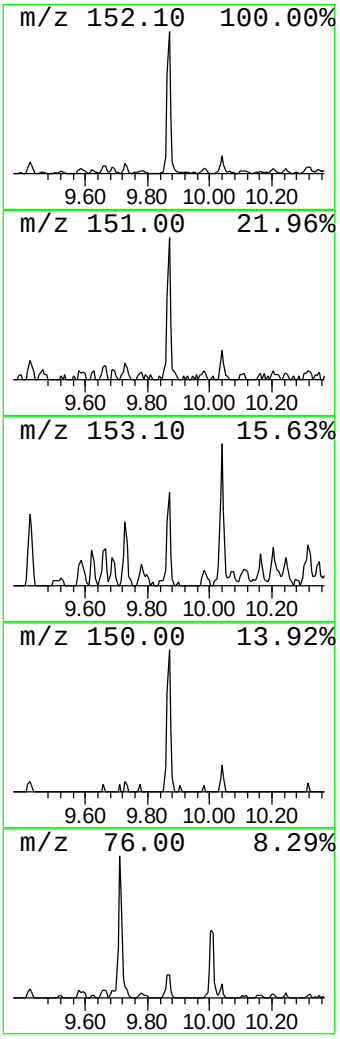
****

Peak Number 6 Biphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.07 ng	121196	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	87
2	Acenaphthylene	152	C12H8	000208-96-8	81
3	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	59
4	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	50
5	2-Phenoxybutyric acid, (octahydr...	331	C20H29NO3	1000310-93-0	40





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Sample : J5625-05
Misc :
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Instrument : BNA_F
ClientSampleId : DW-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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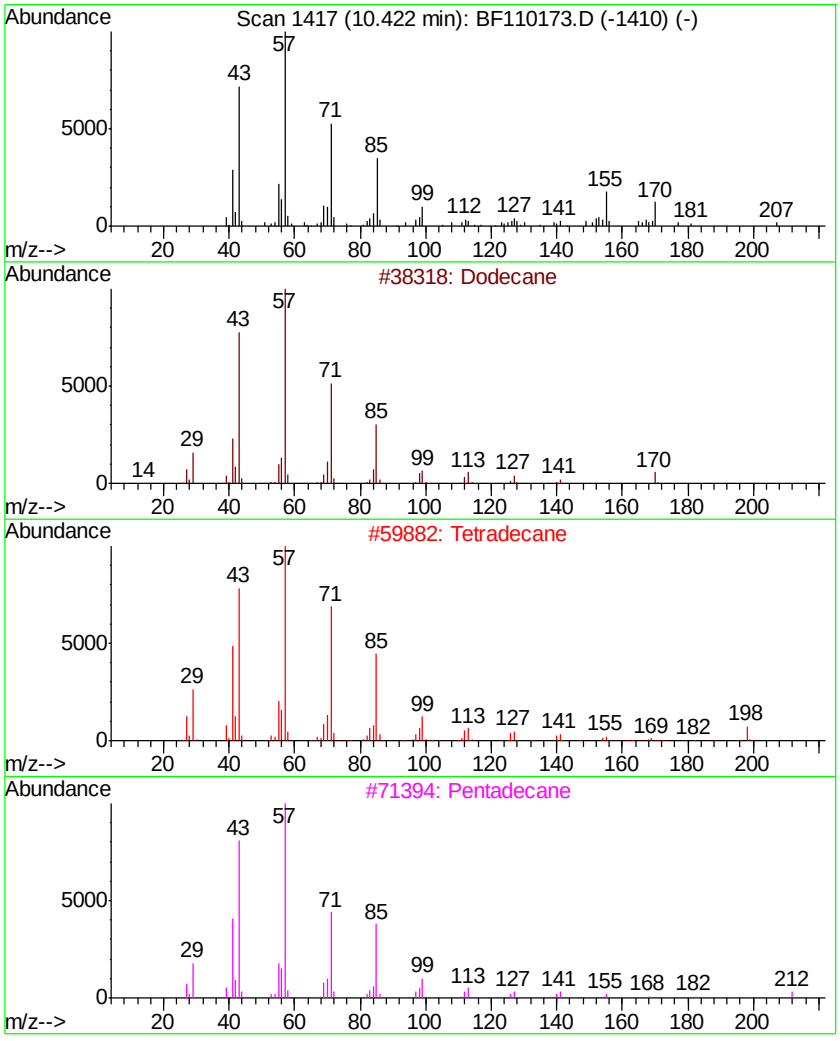
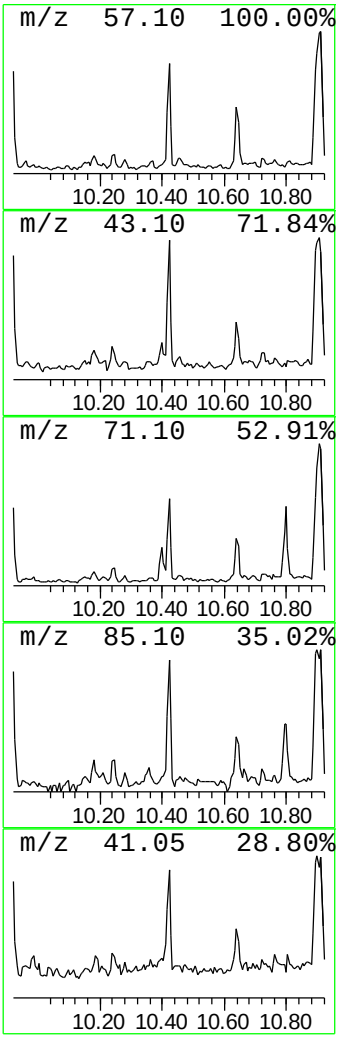
Peak Number 7 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.65 ng	155267	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Tetradecane	198	C14H30	000629-59-4	68
3	Pentadecane	212	C15H32	000629-62-9	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Tetracosane	338	C24H50	000646-31-1	64





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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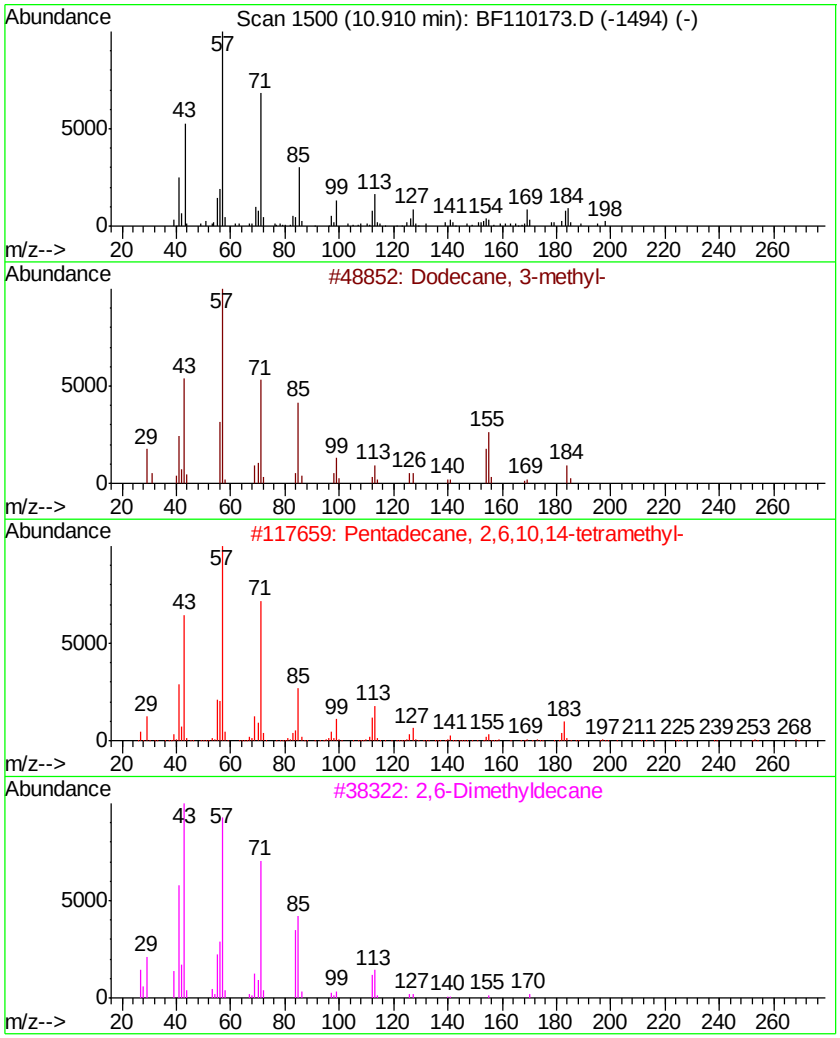
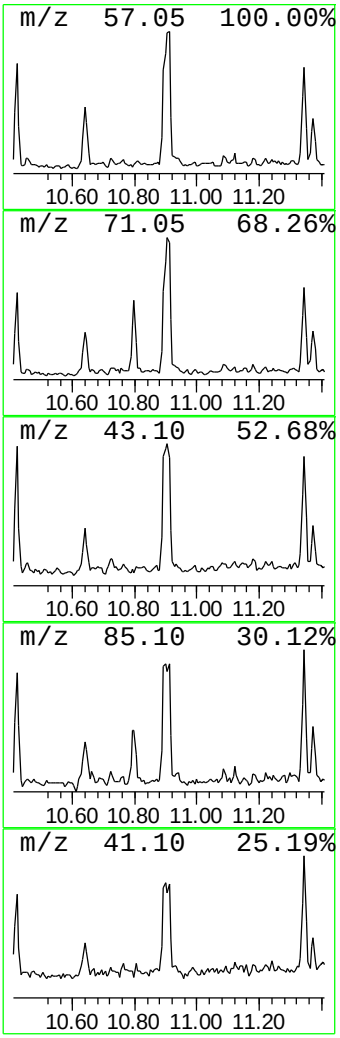
Peak Number 8 Dodecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	4.74 ng	249105	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	68
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	68
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64





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ClientSampleId : DW-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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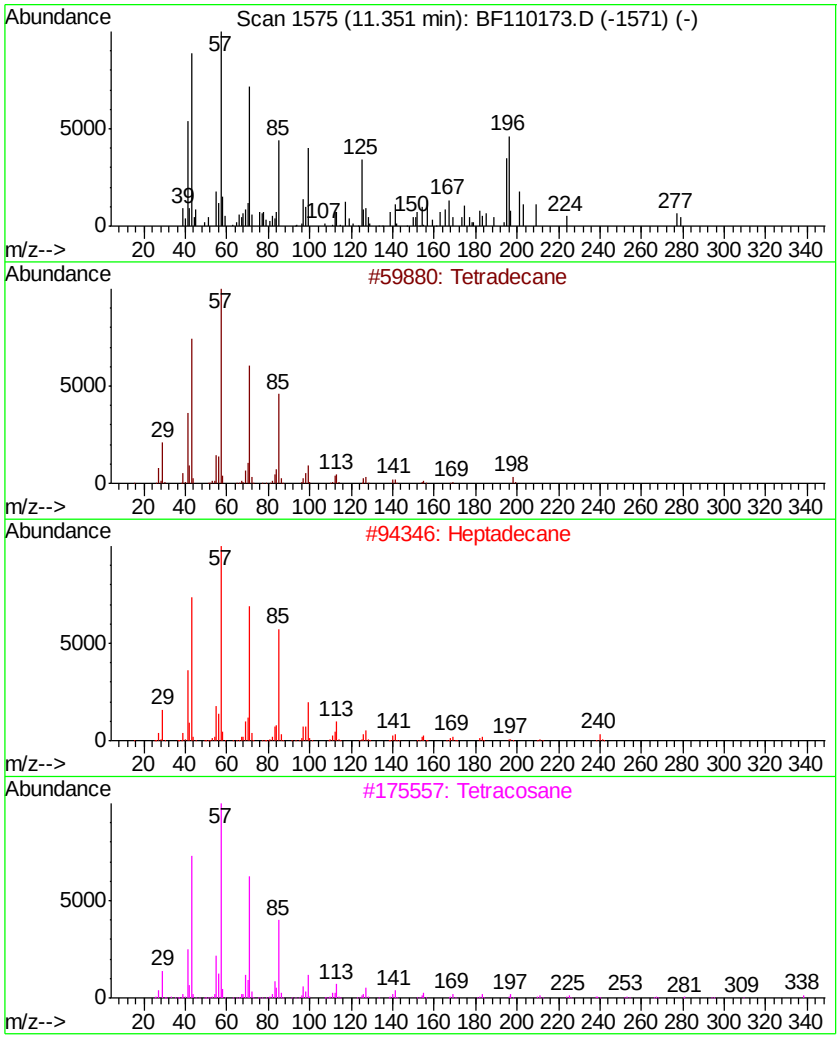
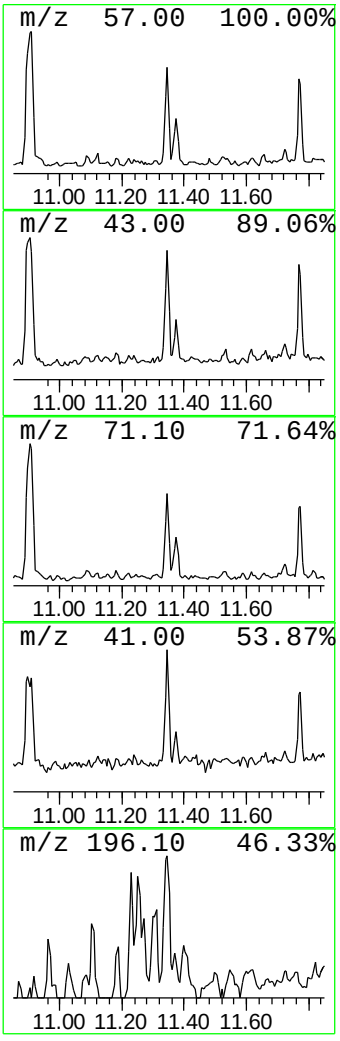
Peak Number 9 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	2.35 ng	123584	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Heptadecane	240	C17H36	000629-78-7	58
3	Tetracosane	338	C24H50	000646-31-1	52
4	Docosane	310	C22H46	000629-97-0	52
5	Octacosane	394	C28H58	000630-02-4	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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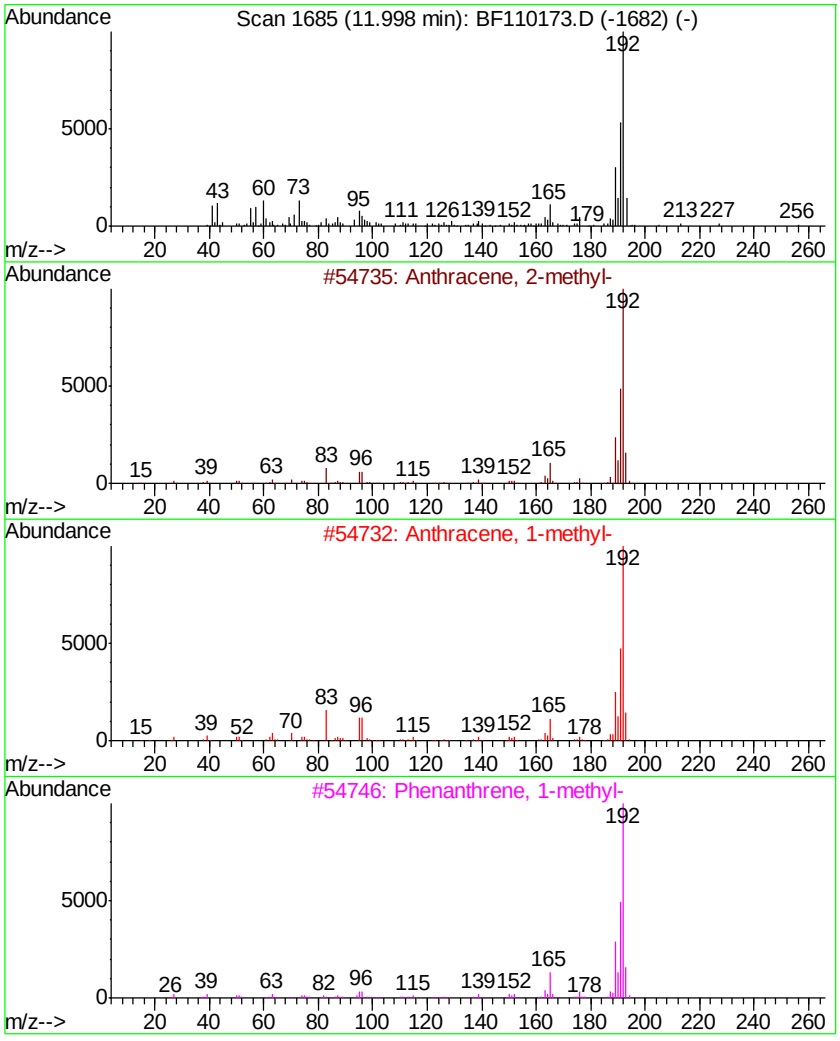
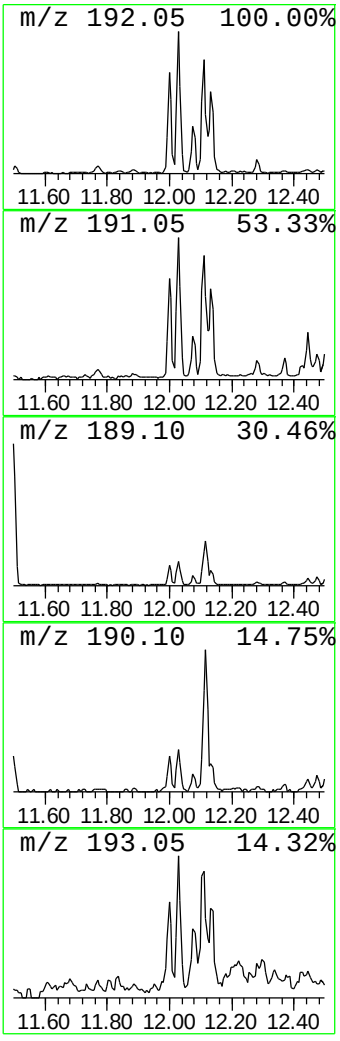
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.29 ng	225540	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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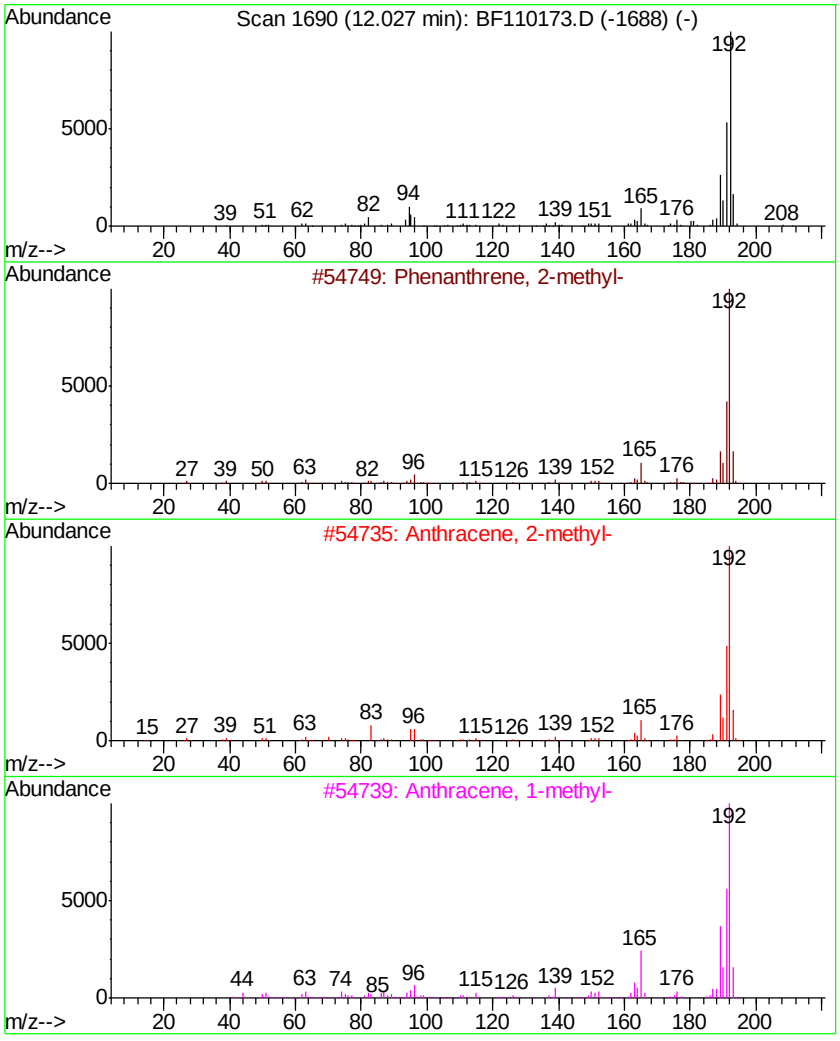
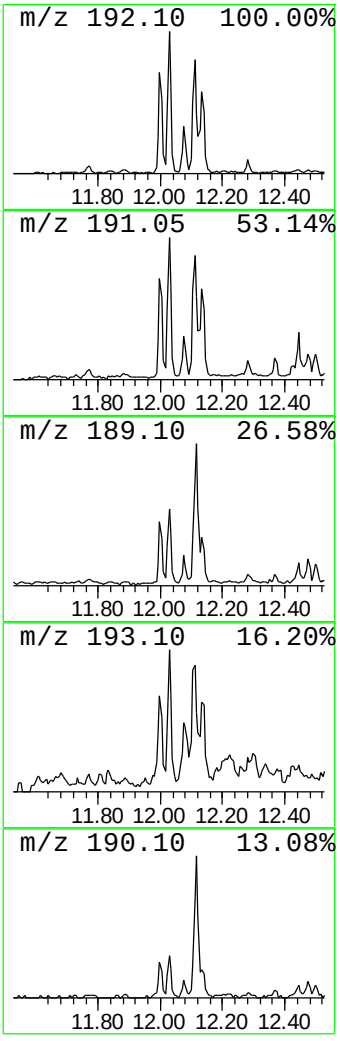
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.64 ng	139108	Phenanthrene-d10	11.50

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	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
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\NIST11.L
TIC Integration Parameters: LSCINT.P

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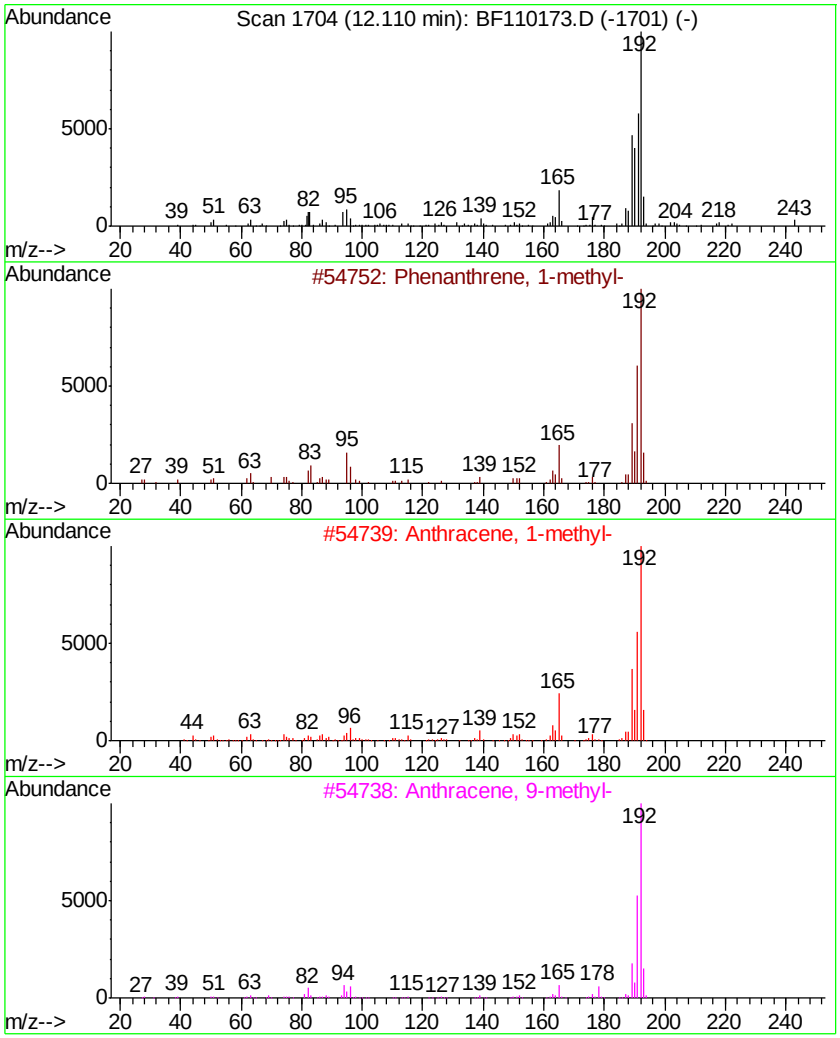
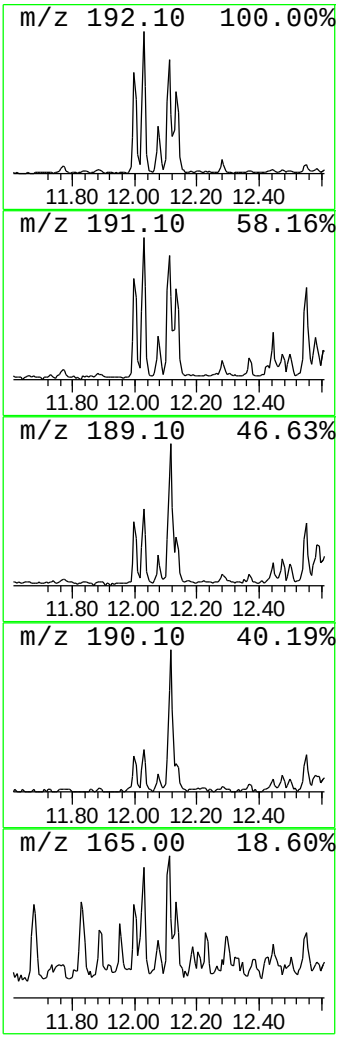
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.13 ng	164724	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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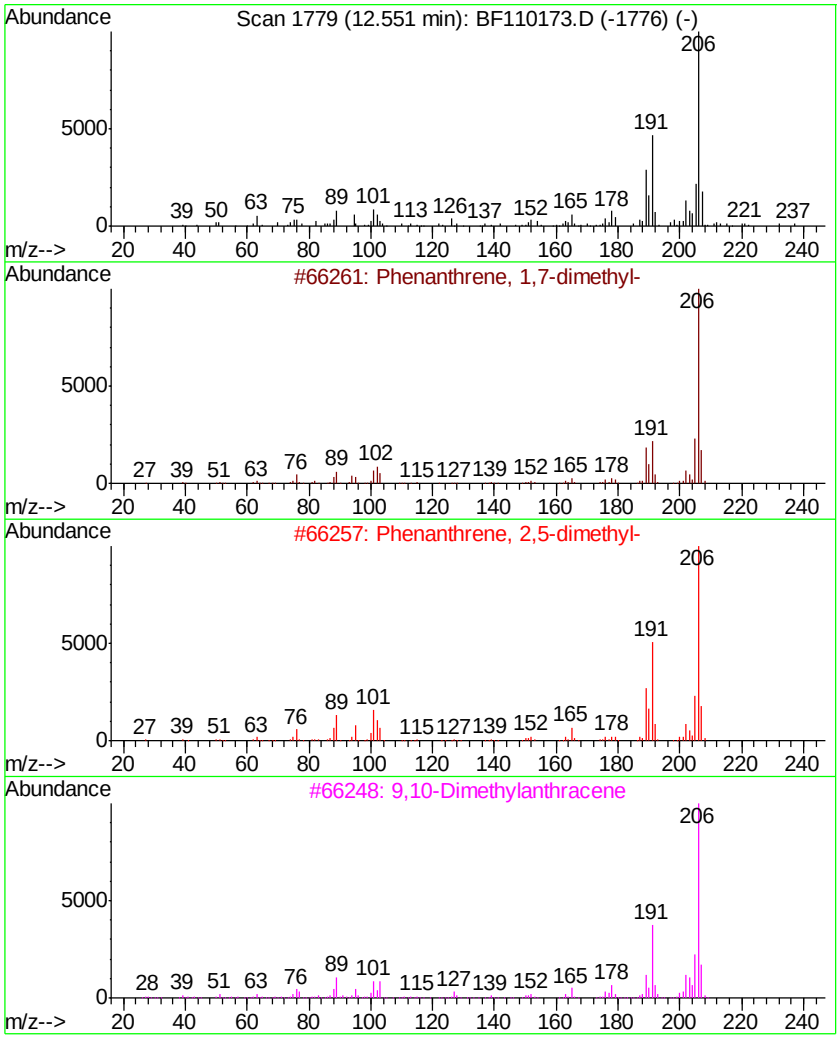
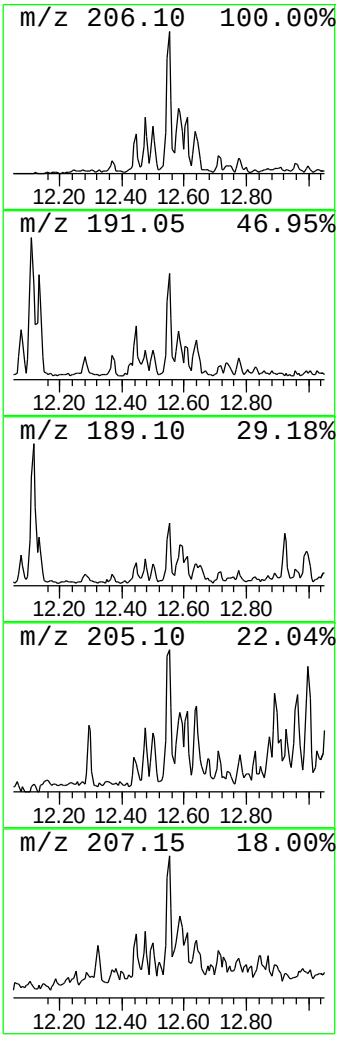
Peak Number 13 Phenanthrene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.61 ng	137315	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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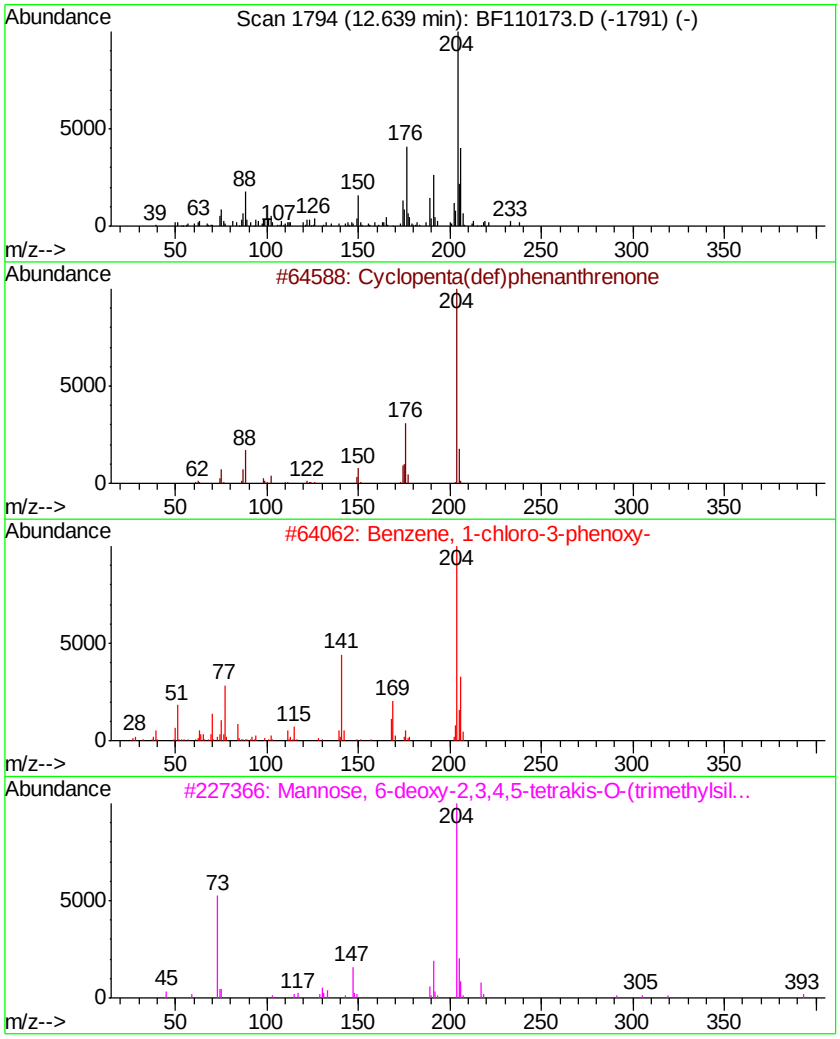
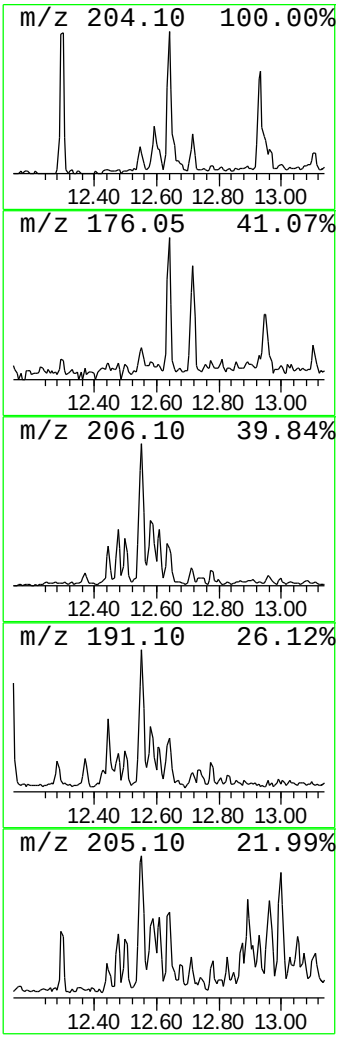
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.02 ng	106501	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43
3	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43





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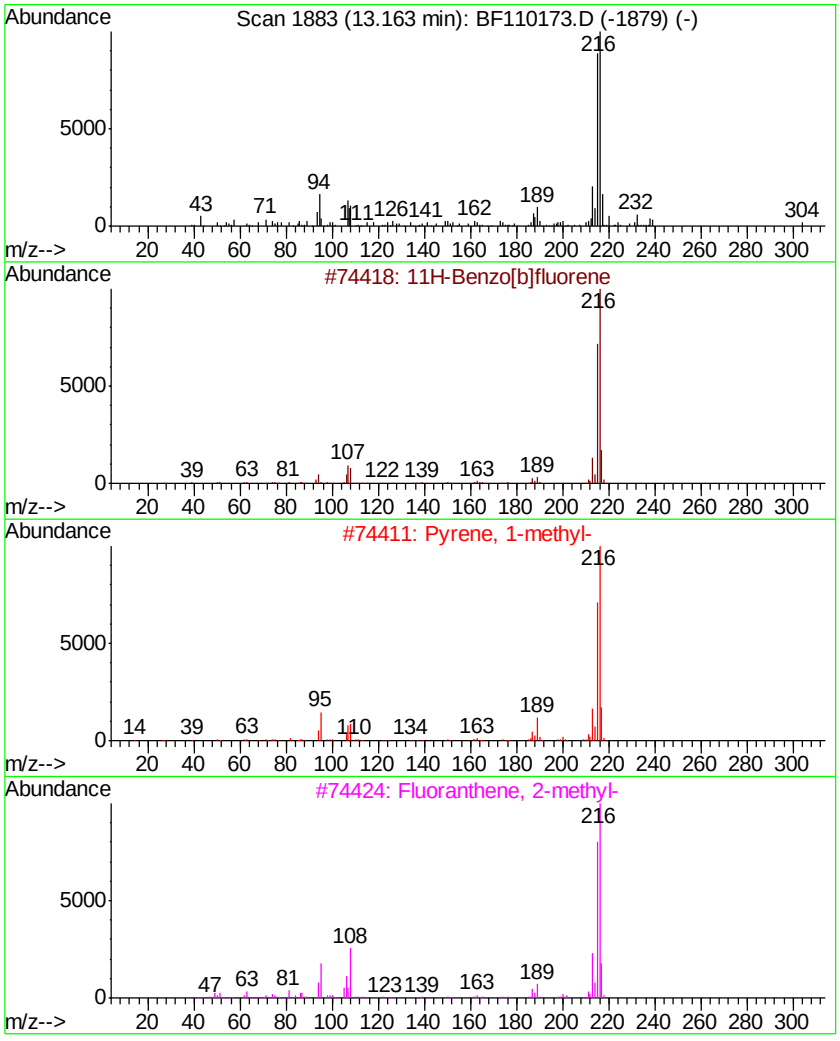
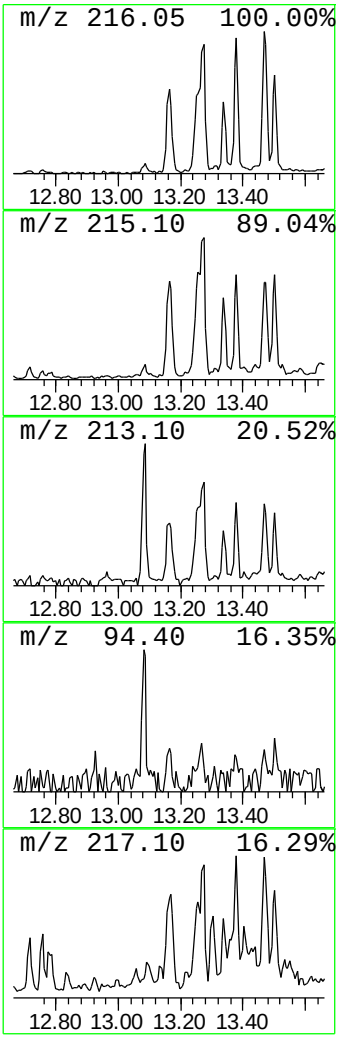
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.28 ng	148303	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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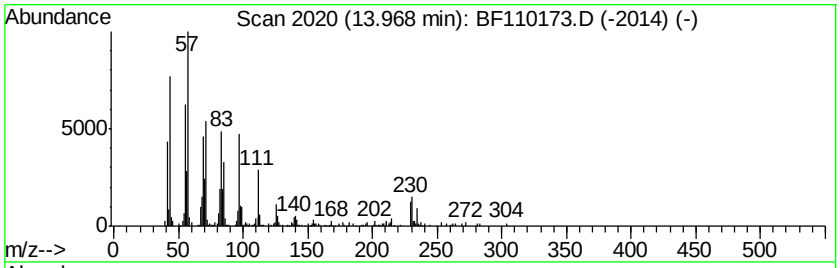
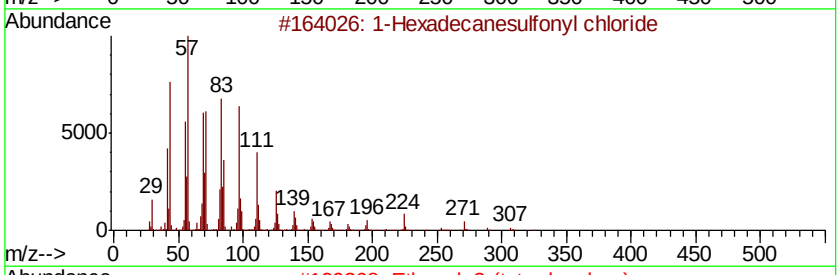
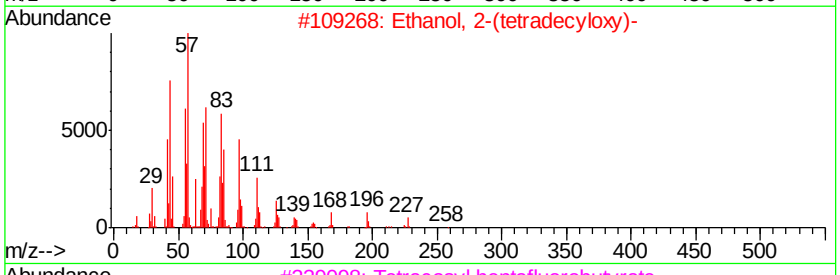
Peak Number 16 1-Hexadecanesulfonyl chloride Concentration Rank 7

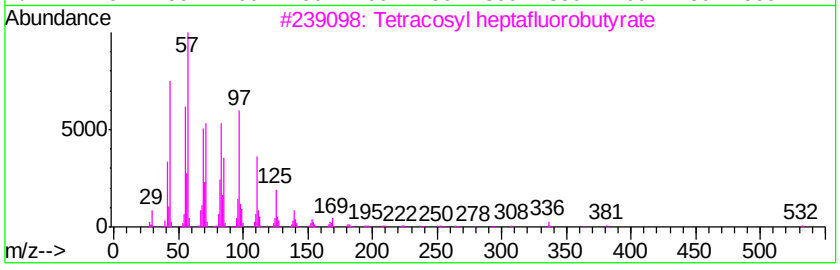
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.50 ng	293071	Chrysene-d12	14.14

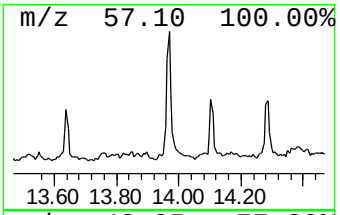
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	80
4	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	74
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70

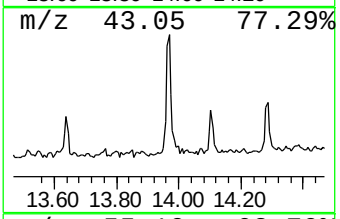


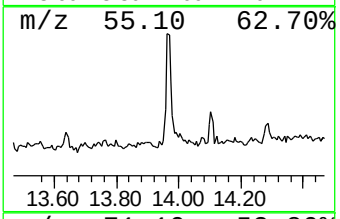


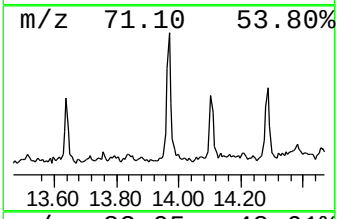


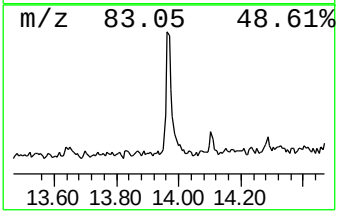












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Operator : JU/SJ
Sample : J5625-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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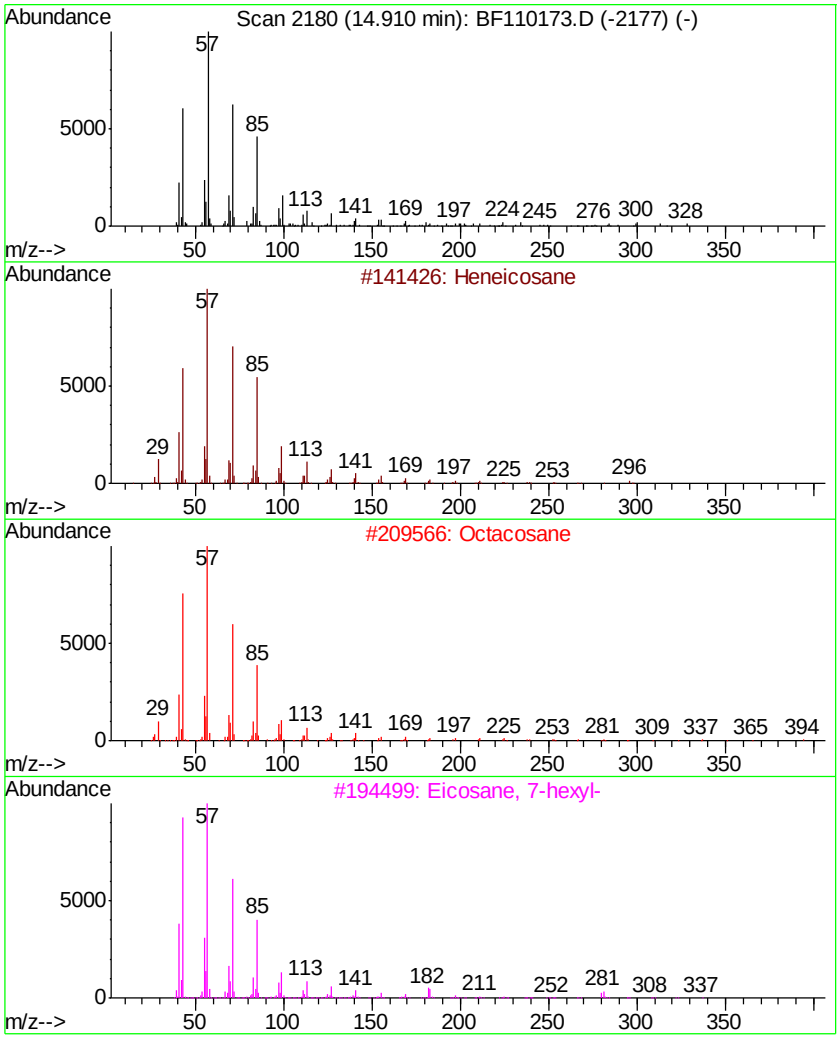
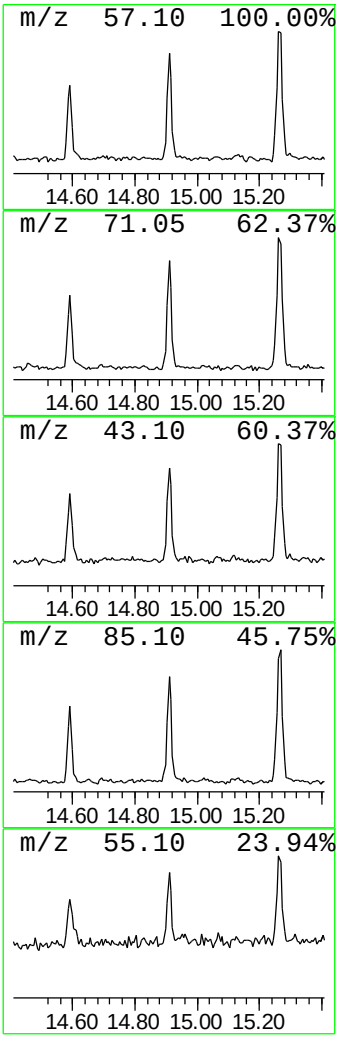
Peak Number 17 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.62 ng	119195	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110173.D
Acq On : 25 Oct 2018 21:07
Operator : JU/SJ
Sample : J5625-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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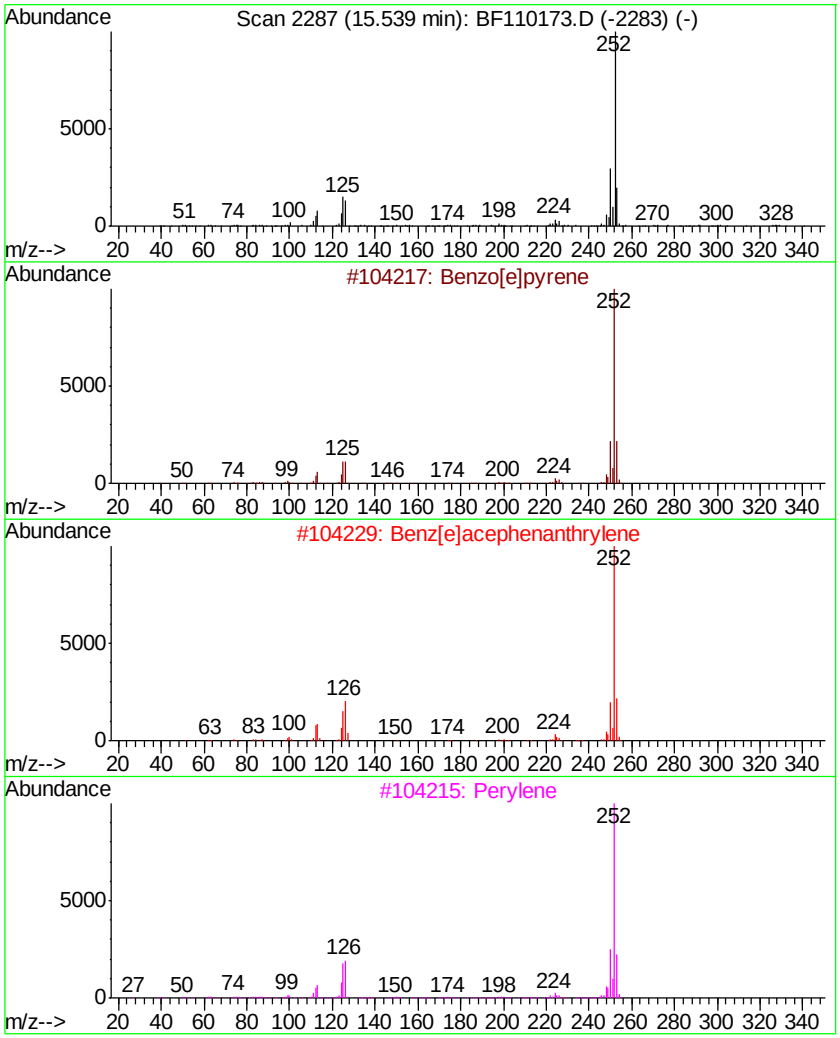
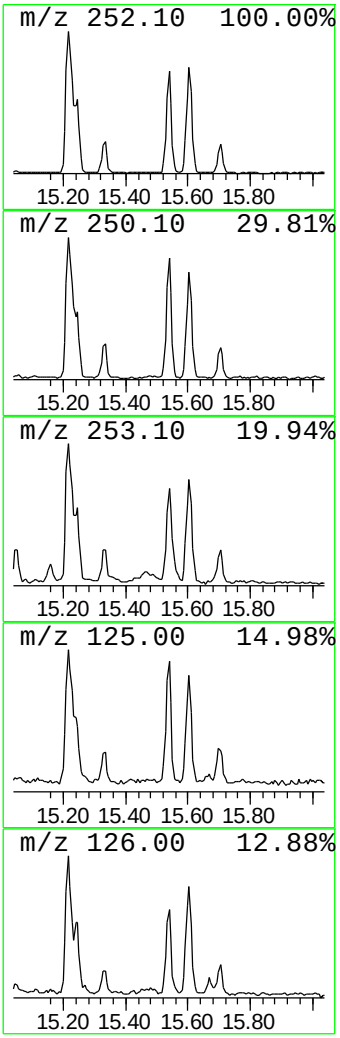
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	7.08 ng	322058	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	92
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110173.D
Acq On : 25 Oct 2018 21:07
Operator : JU/SJ
Sample : J5625-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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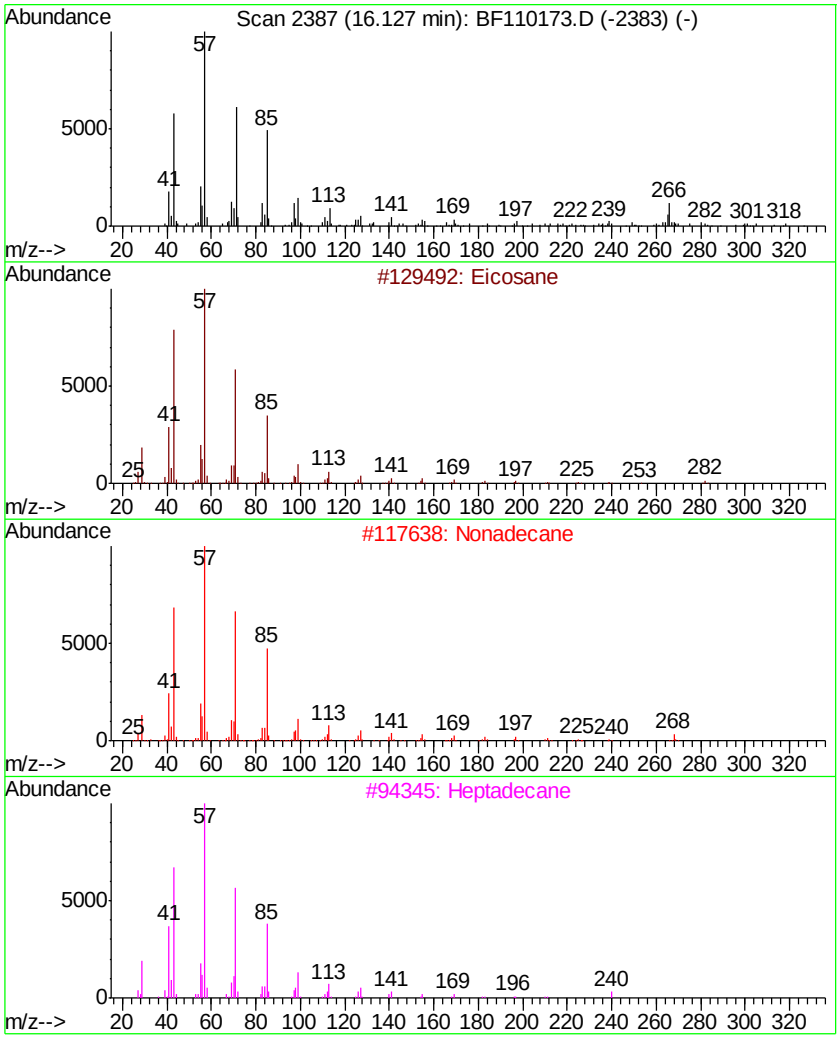
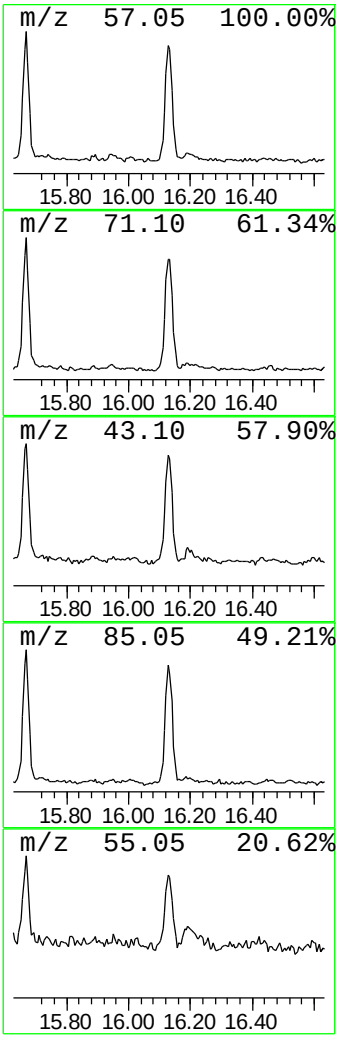
Peak Number 19 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.70 ng	259501	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heptadecane	240	C17H36	000629-78-7	92
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110173.D
Acq On : 25 Oct 2018 21:07
Operator : JU/SJ
Sample : J5625-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.32	12.2	ng	546135	1	6.96	898057	20.0
2-Pentanone, 4-hy...	5.21	3.5	ng	157598	1	6.96	898057	20.0
unknown6.73	6.73	70.3	ng	3157260	1	6.96	898057	20.0
Bicyclo[4.2.0]oct...	6.79	2.2	ng	100186	1	6.96	898057	20.0
Biphenylene	9.87	2.1	ng	121196	3	10.00	1173100	20.0
Dodecane	10.42	2.6	ng	155267	3	10.00	1173100	20.0
Dodecane, 3-methyl-	10.91	4.7	ng	249105	4	11.50	1051980	20.0
Tetradecane	11.35	2.4	ng	123584	4	11.50	1051980	20.0
Anthracene, 2-met...	12.00	4.3	ng	225540	4	11.50	1051980	20.0
Phenanthrene, 2-m...	12.03	2.6	ng	139108	4	11.50	1051980	20.0
Phenanthrene, 1-m...	12.11	3.1	ng	164724	4	11.50	1051980	20.0
Phenanthrene, 1,7...	12.55	2.6	ng	137315	4	11.50	1051980	20.0
Cyclopenta(def)ph...	12.64	2.0	ng	106501	4	11.50	1051980	20.0
11H-Benzo[b]fluorene	13.16	2.3	ng	148303	5	14.14	1302230	20.0
1-Hexadecanesulfo...	13.97	4.5	ng	293071	5	14.14	1302230	20.0
Heneicosane	14.91	2.6	ng	119195	6	15.67	910304	20.0
Benzo[e]pyrene	15.54	7.1	ng	322058	6	15.67	910304	20.0
Eicosane	16.13	5.7	ng	259501	6	15.67	910304	20.0