LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117985.D
Acq On : 26 Nov 2019 00:17
Operator : JU
Sample : K5973-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

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-BF111319.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	2.204	13	20	29	rVB	679665	881324	9.02%	0.717%
2	5.104	508	513	525	rVB	428089	524948	5.37%	0.427%
3	5.504	576	581	584	rBV	2679902	2482192	25.40%	2.019%
4	6.516	747	753	756	rBV	2607223	2674675	27.37%	2.175%
5	6.657	772	777	780	rBV	3147493	2821135	28.87%	2.294%
6	6.887	812	816	820	rBV	1204375	947083	9.69%	0.770%
7	7.045	839	843	846	rBV	2695102	2215864	22.68%	1.802%
8	7.451	906	912	915	rBV	1907490	1741119	17.82%	1.416%
9	8.175	1028	1035	1038	rBV	1527153	1326006	13.57%	1.078%
10	9.257	1213	1219	1222	rBV	3481321	3111797	31.85%	2.531%
11	9.592	1272	1276	1279	rVV	187825	185750	1.90%	0.151%
12	9.645	1282	1285	1289	rVV	643916	537020	5.50%	0.437%
13	9.939	1327	1335	1338	rBV	1675408	1542638	15.79%	1.255%
14	9.969	1338	1340	1343	rVB	662712	501284	5.13%	0.408%
15	10.139	1365	1369	1373	rBV	258075	237555	2.43%	0.193%
16	10.486	1424	1428	1433	rBV	567476	522686	5.35%	0.425%
17	10.727	1464	1469	1473	rBV	2578848	2259455	23.12%	1.837%
18	10.851	1485	1490	1494	rBV4	161837	199424	2.04%	0.162%
19	11.039	1515	1522	1524	rBV3	207393	348929	3.57%	0.284%
20	11.063	1524	1526	1529	rVV2	207980	192196	1.97%	0.156%
21	11.233	1551	1555	1559	rVV	453413	405623	4.15%	0.330%
22	11.292	1559	1565	1568	rVV3	198219	324581	3.32%	0.264%
23	11.327	1568	1571	1576	rVB	499542	455807	4.67%	0.371%
24	11.433	1583	1589	1591	rBV	1417520	1717505	17.58%	1.397%
25	11.469	1591	1595	1597	rVV	6303151	6594642	67.49%	5.363%
26	11.510	1597	1602	1605	rVV	2204768	1825306	18.68%	1.484%
27	11.657	1621	1627	1630	rBV2	493675	566921	5.80%	0.461%
28	11.727	1635	1639	1641	rVV2	392529	352398	3.61%	0.287%
29	11.763	1641	1645	1650	rVB2	373744	342122	3.50%	0.278%
30	11.939	1670	1675	1677	rVV	1443711	1619486	16.57%	1.317%
31	11.963	1677	1679	1683	rVV	2021928	1954149	20.00%	1.589%
32	12.010	1684	1687	1690	rVV	671409	637693	6.53%	0.519%
33	12.051	1690	1694	1696	rVV2	2186079	2455721	25.13%	1.997%
34	12.074	1696	1698	1701	rVB	1229579	937843	9.60%	0.763%

LSC Area Percent Report

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.233	1716	1725	1727	rBV	1103564	1160670	11.88%	0.944%
36	12.257	1727	1729	1733	rVV2	796663	715169	7.32%	0.582%
37	12.304	1735	1737	1742	rBV	227677	195719	2.00%	0.159%
38	12.380	1745	1750	1753	rBV	538720	615522	6.30%	0.501%
39	12.410	1753	1755	1757	rVV	332250	308121	3.15%	0.251%
40	12.439	1757	1760	1762	rVB	309089	276593	2.83%	0.225%
41	12.486	1762	1768	1771	rBV	932930	1148073	11.75%	0.934%
42	12.527	1771	1775	1777	rVV2	639631	862487	8.83%	0.701%
43	12.580	1781	1784	1789	rVV2	727242	885502	9.06%	0.720%
44	12.663	1792	1798	1802	rVV	5807434	7527478	77.04%	6.122%
45	12.716	1805	1807	1810	rVV2	281192	291766	2.99%	0.237%
46	12.745	1810	1812	1815	rVB	277965	233030	2.38%	0.190%
47	12.804	1815	1822	1826	rBV3	341020	670631	6.86%	0.545%
48	12.898	1831	1838	1841	rBV	6300054	9770765	100.00%	7.946%
49	12.927	1841	1843	1848	rVB2	402113	534212	5.47%	0.434%
50	12.998	1848	1855	1856	rBV2	406073	427726	4.38%	0.348%
51	13.021	1856	1859	1866	rVB2	2876686	3238790	33.15%	2.634%
52	13.104	1867	1873	1876	rBV3	756264	1159573	11.87%	0.943%
53	13.186	1884	1887	1889	rVV3	564497	747256	7.65%	0.608%
54	13.210	1889	1891	1894	rVB	1090642	950721	9.73%	0.773%
55	13.245	1894	1897	1900	rBV4	183200	297617	3.05%	0.242%
56	13.274	1900	1902	1905	rVV	534921	499916	5.12%	0.407%
57	13.316	1905	1909	1912	rVV2	1191280	1200673	12.29%	0.976%
58	13.339	1912	1913	1916	rVV	236037	198399	2.03%	0.161%
59	13.410	1921	1925	1927	rVV	775973	637430	6.52%	0.518%
60	13.439	1927	1930	1933	rVB	856146	730098	7.47%	0.594%
61	13.521	1939	1944	1947	rVB4	145779	249356	2.55%	0.203%
62	13.592	1953	1956	1958	rBV3	153908	224411	2.30%	0.183%
63	13.716	1970	1977	1982	rBV	681164	924768	9.46%	0.752%
64	13.827	1992	1996	1999	rBV2	685403	890921	9.12%	0.725%
65	13.863	1999	2002	2004	rVV	825651	770730	7.89%	0.627%
66	13.886	2004	2006	2010	rVV2	656624	720399	7.37%	0.586%
67	13.927	2010	2013	2020	rVB	856235	935844	9.58%	0.761%
68	14.080	2032	2039	2042	rBV3	3582472	5444149	55.72%	4.427%
69	14.121	2042	2046	2052	rVB	3303465	3773363	38.62%	3.069%
70	14.192	2056	2058	2062	rVB	618387	482990	4.94%	0.393%
71	14.239	2062	2066	2068	rBV3	138115	199669	2.04%	0.162%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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72	14.304	2074	2077	2081	rBV3	262160	366562	3.75%	0.298%
73	14.433	2097	2099	2101	rVV	254124	230915	2.36%	0.188%
74	14.468	2101	2105	2108	rVV	909972	1043947	10.68%	0.849%
75	14.504	2108	2111	2115	rVV	561873	559402	5.73%	0.455%
76	14.551	2115	2119	2124	rVV4	377124	780564	7.99%	0.635%
77	14.598	2124	2127	2129	rVV	477481	523949	5.36%	0.426%
78	14.615	2129	2130	2134	rVV2	434595	334417	3.42%	0.272%
79	14.668	2134	2139	2144	rVB3	301985	460464	4.71%	0.374%
80	14.780	2154	2158	2161	rBV3	186457	273899	2.80%	0.223%
81	14.810	2161	2163	2169	rVV3	177570	250047	2.56%	0.203%
82	14.863	2169	2172	2175	rVV3	193771	231373	2.37%	0.188%
83	15.151	2214	2221	2224	rBV	2444753	4457980	45.63%	3.625%
84	15.215	2228	2232	2235	rVV3	171561	285905	2.93%	0.233%
85	15.257	2235	2239	2242	rVB	581482	634369	6.49%	0.516%
86	15.462	2268	2274	2280	rVB	1767267	2548161	26.08%	2.072%
87	15.533	2280	2286	2290	rVB	2531667	3479204	35.61%	2.829%
88	15.592	2290	2296	2298	rBV	702883	1025731	10.50%	0.834%
89	15.621	2298	2301	2307	rVB2	812285	1121342	11.48%	0.912%
90	15.915	2348	2351	2355	rVV	141703	192374	1.97%	0.156%
91	15.957	2355	2358	2365	rVB	134394	223592	2.29%	0.182%
92	16.168	2390	2394	2403	rVB	218758	358171	3.67%	0.291%
93	16.756	2490	2494	2500	rBV5	118412	193645	1.98%	0.157%
94	16.909	2515	2520	2523	rBV2	177612	341042	3.49%	0.277%
95	17.121	2548	2556	2562	rVB2	1294652	2863160	29.30%	2.328%
96	17.186	2563	2567	2575	rVB2	119876	255813	2.62%	0.208%
97	17.292	2578	2585	2590	rBV	296606	606658	6.21%	0.493%
98	17.351	2590	2595	2600	rBV2	229391	460040	4.71%	0.374%
99	17.592	2625	2636	2645	rVB	1035300	2625838	26.87%	2.135%
100	17.815	2667	2674	2688	rVB	355711	892808	9.14%	0.726%

Sum of corrected areas: 122964786

LSC Report - Integrated Chromatogram

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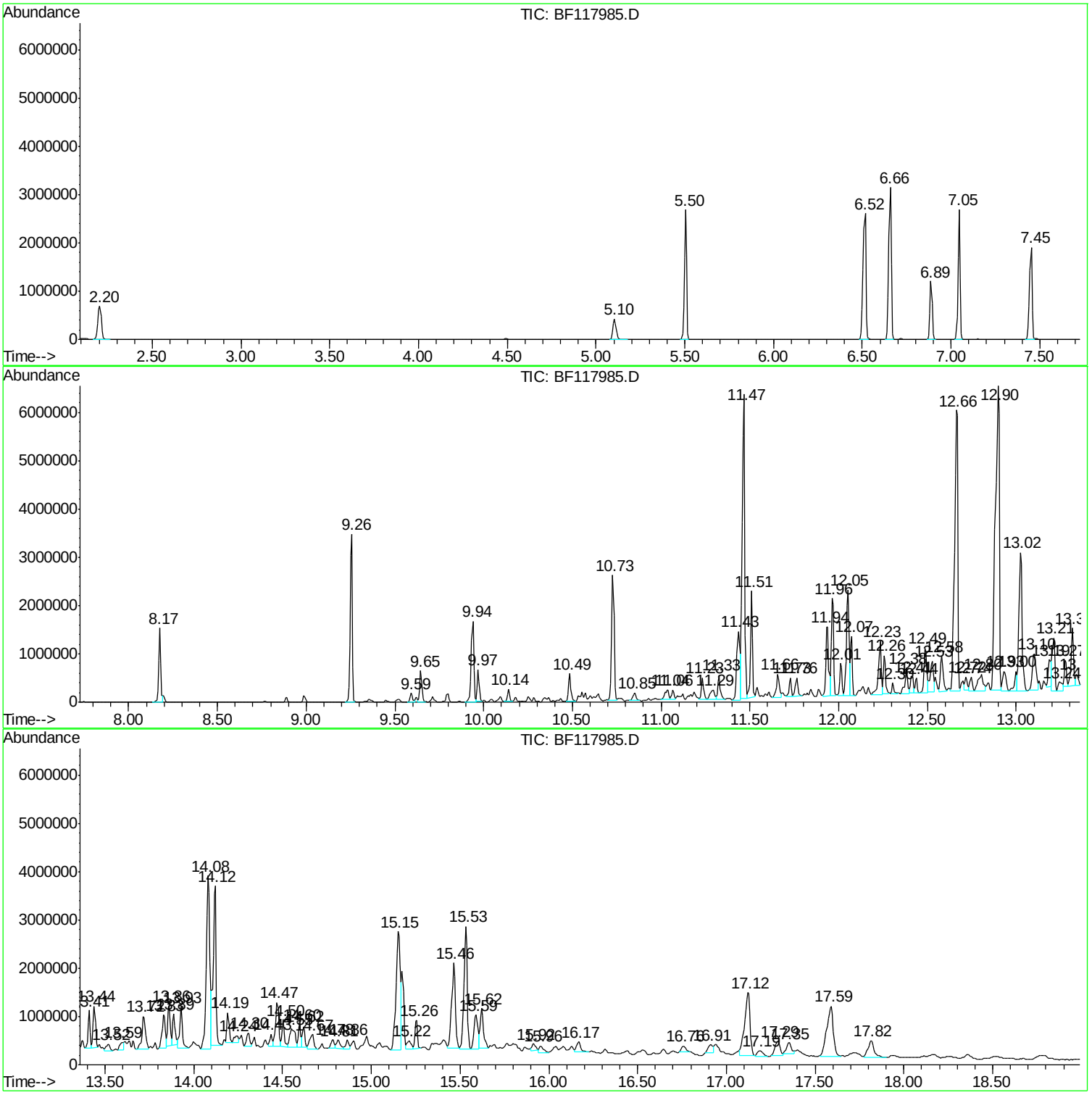
Sample : K5973-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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\BF112519\
Data File : BF117985.D
Acq On : 26 Nov 2019 00:17
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

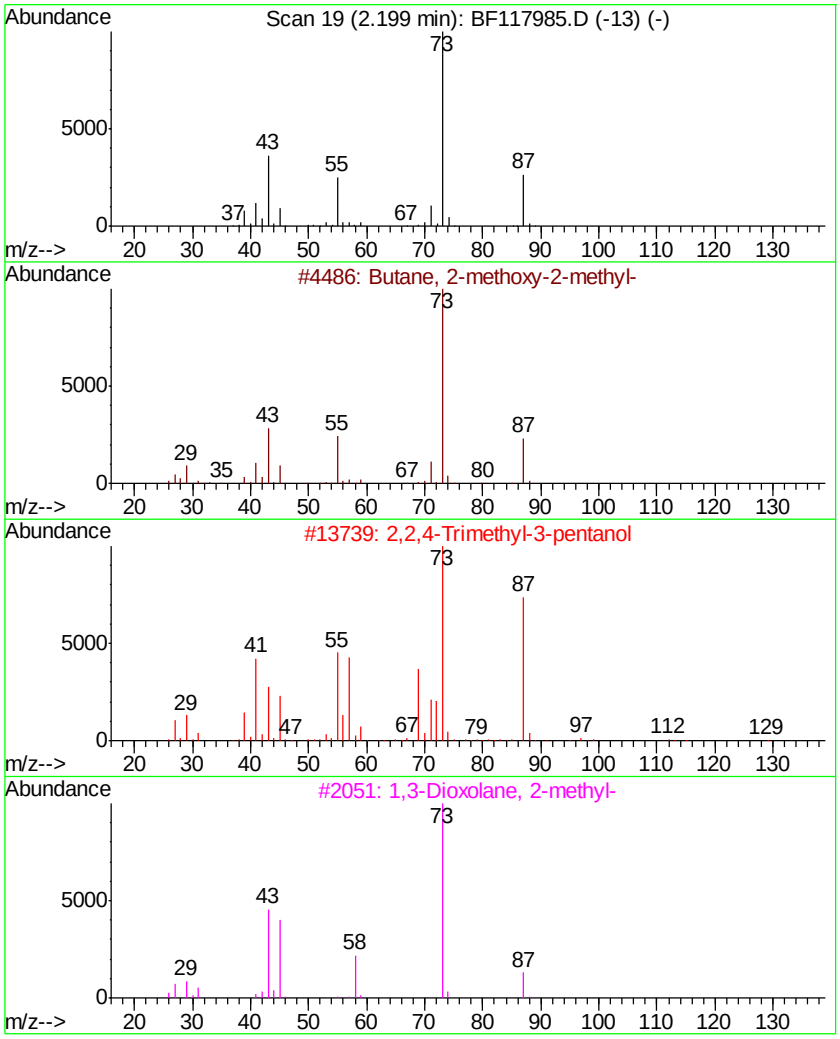
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

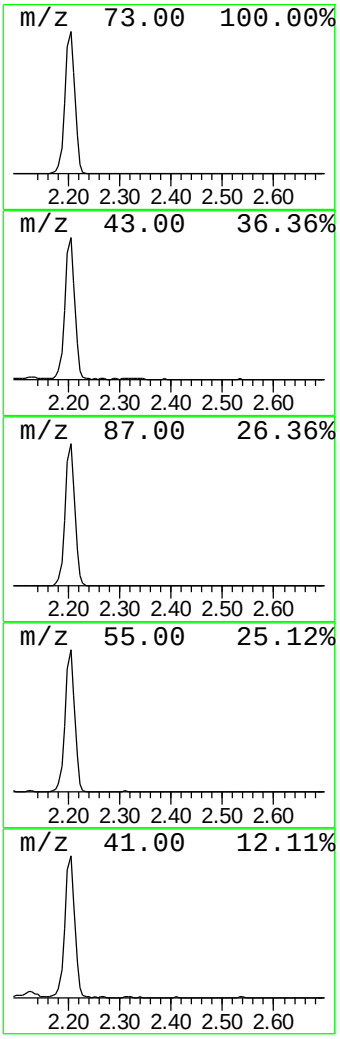
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	18.61 ng	881324	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

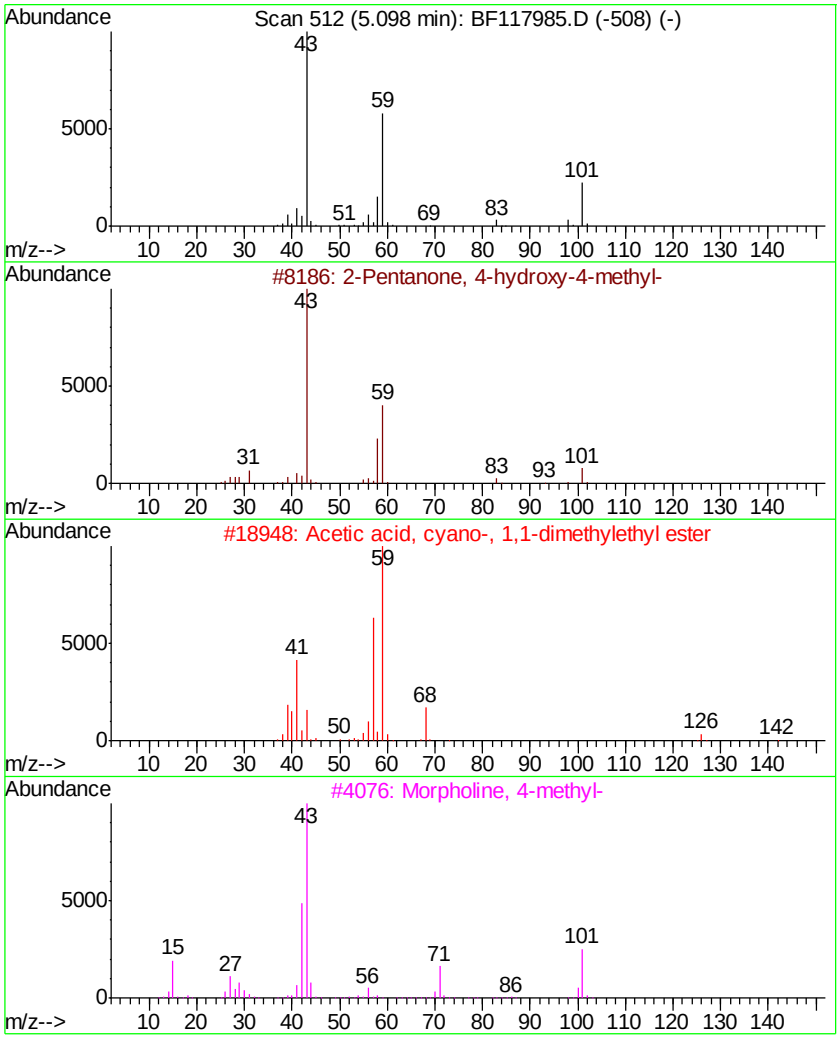
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

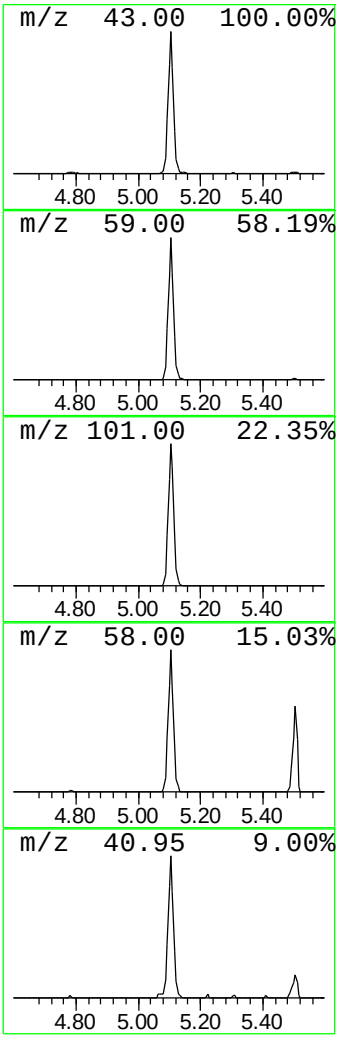
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	11.09 ng	524948	1,4-Dichlorobenzene-d4	6.89

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	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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TIC Library : C:\DATABASE\NIST11.L
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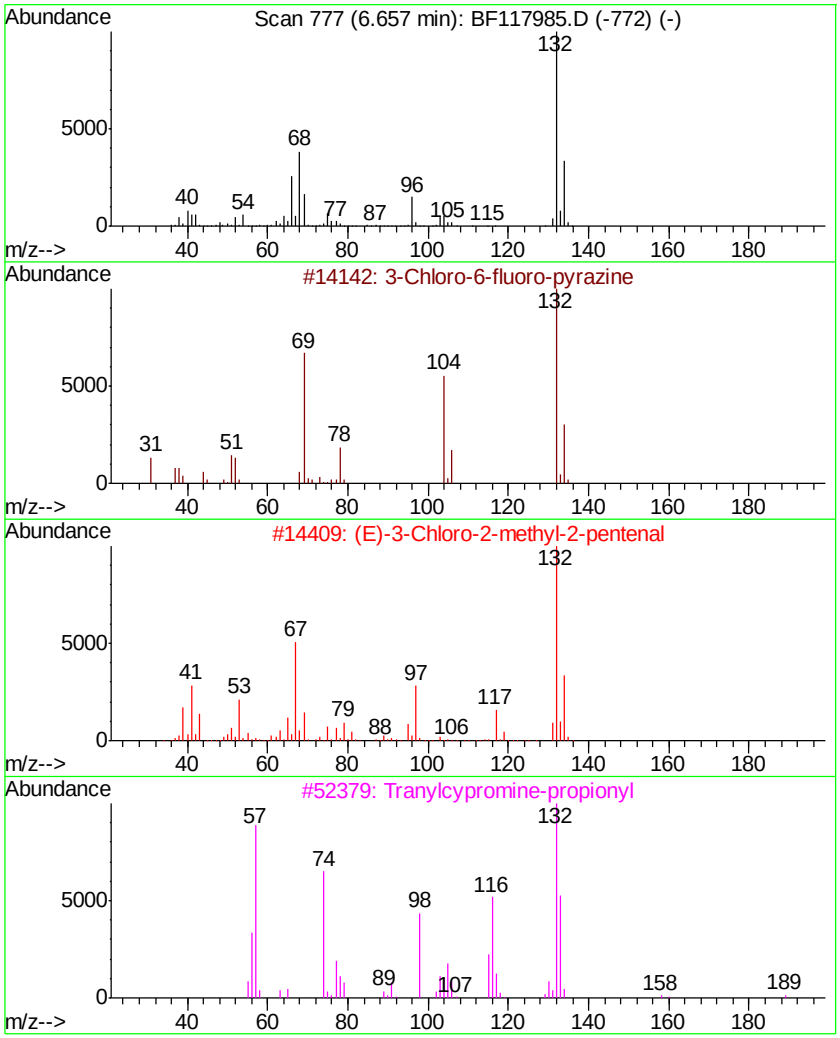
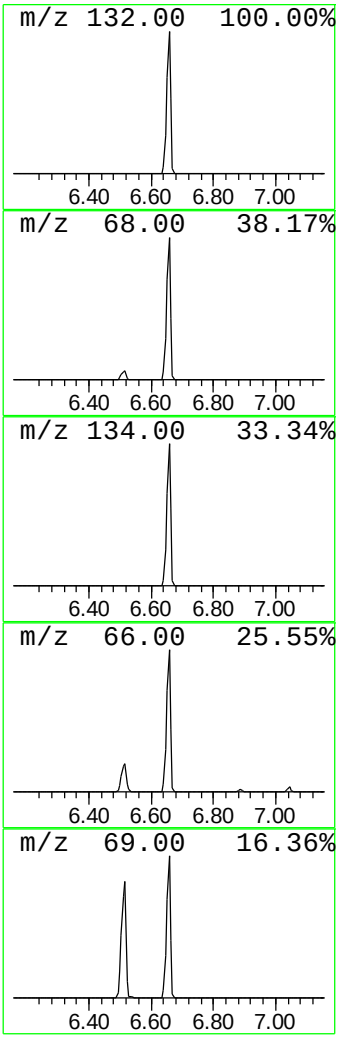
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	59.58 ng	2821140	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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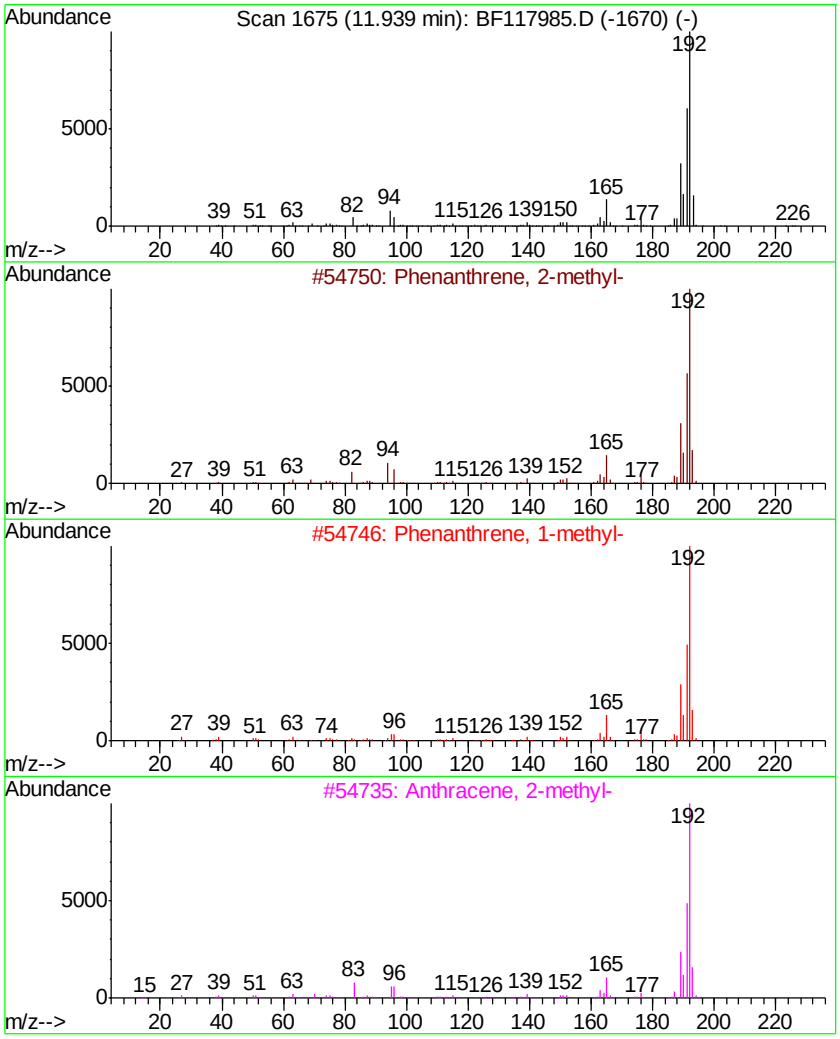
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

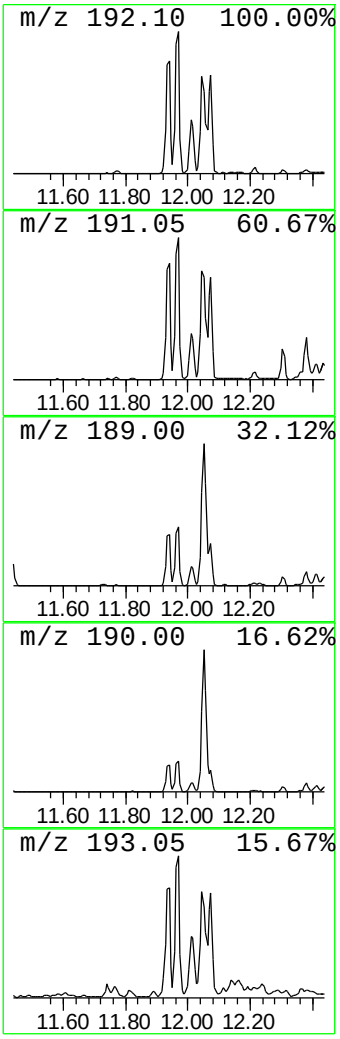
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	18.86 ng	1619490	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : K5973-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

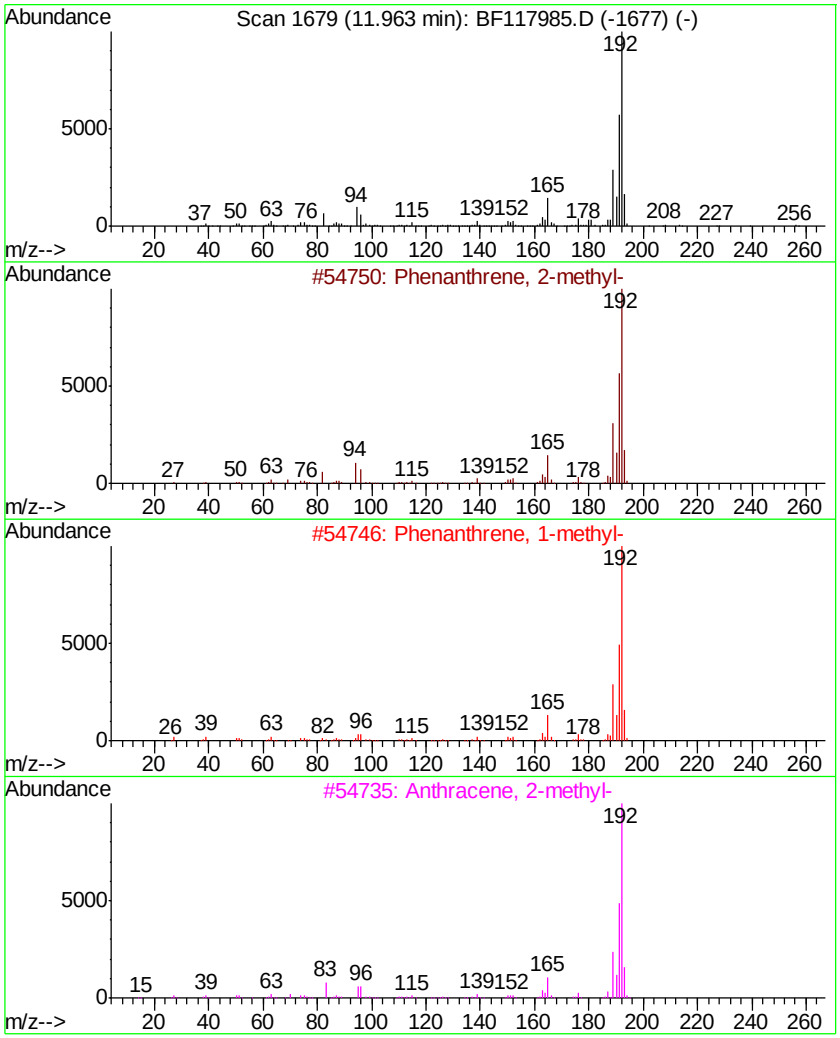
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

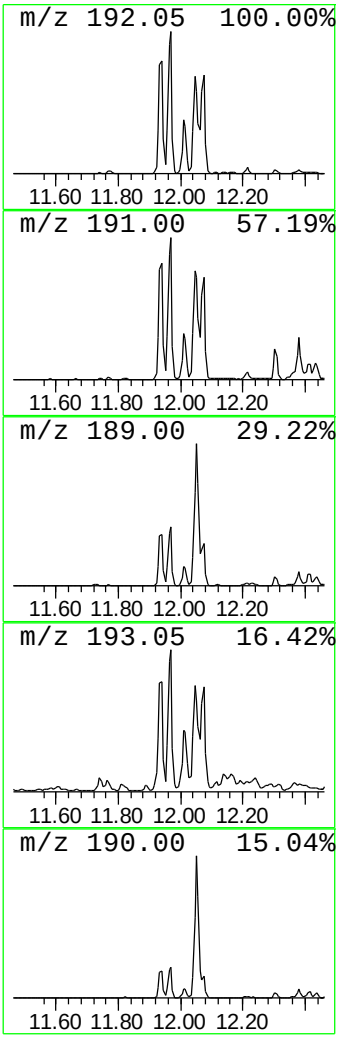
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	22.76 ng	1954150	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Operator : JU
Sample : K5973-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

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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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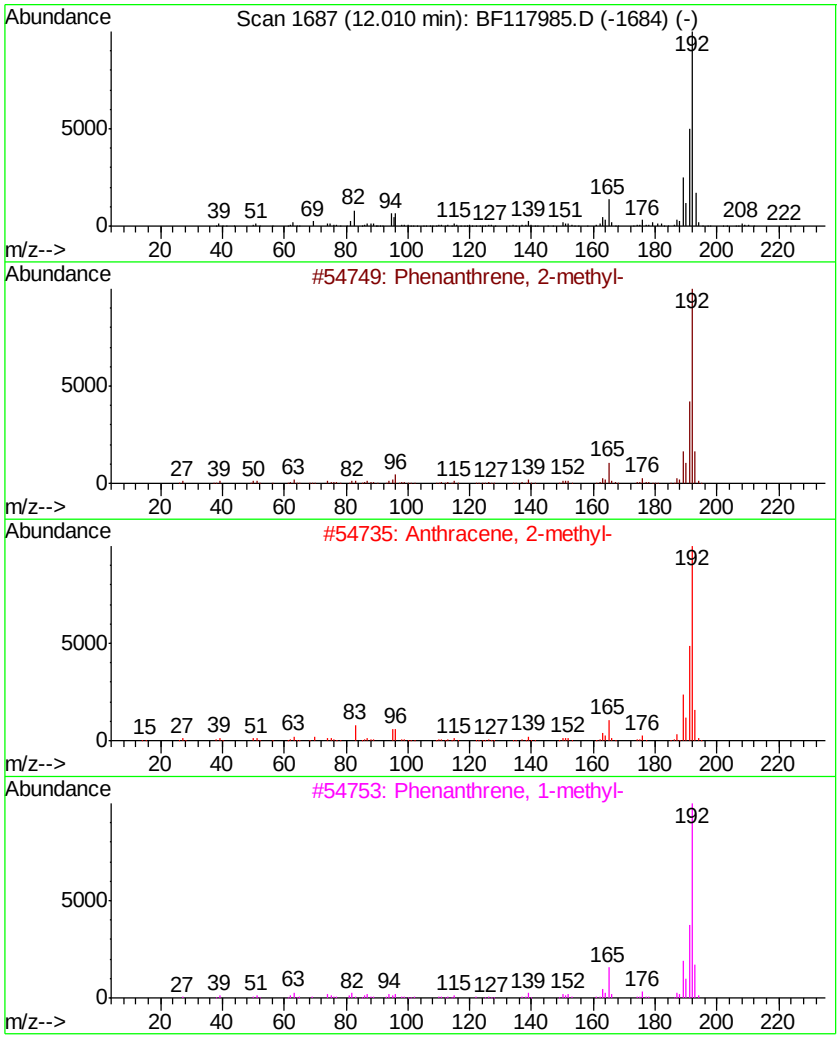
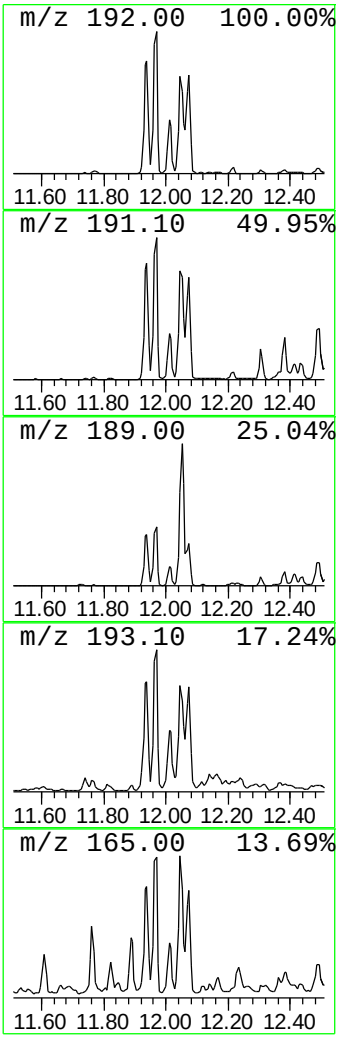
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	7.43 ng	637693	Phenanthrene-d10	11.43

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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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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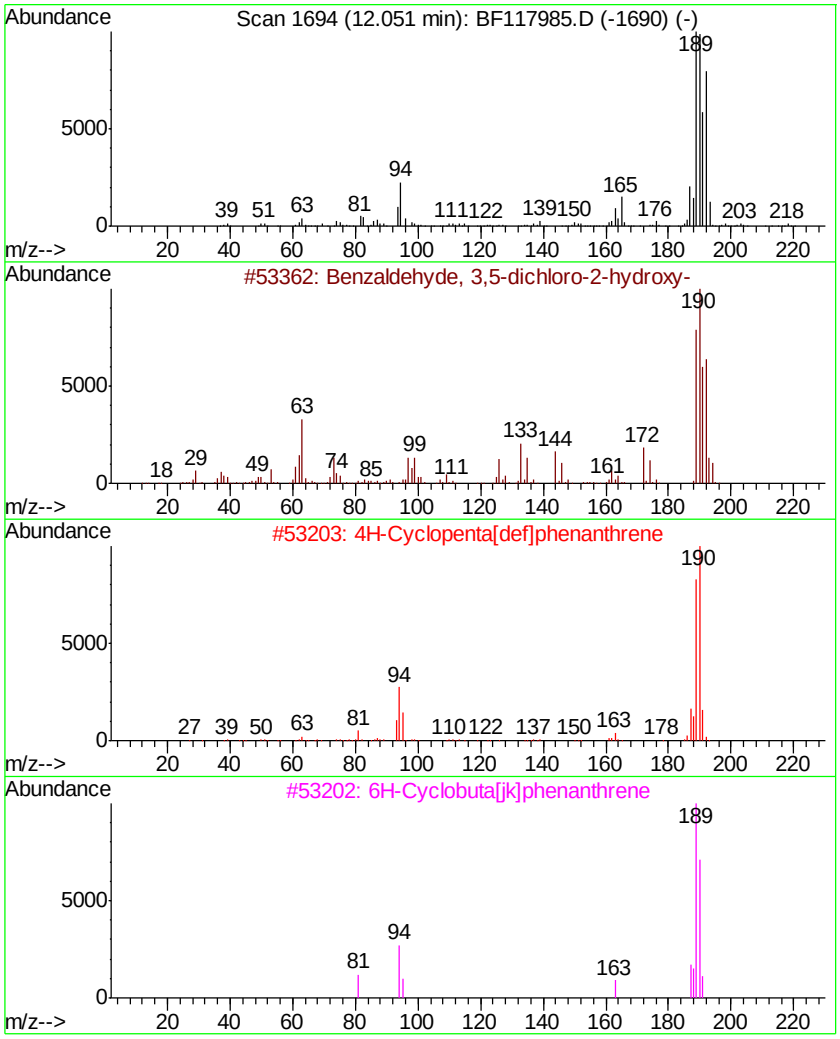
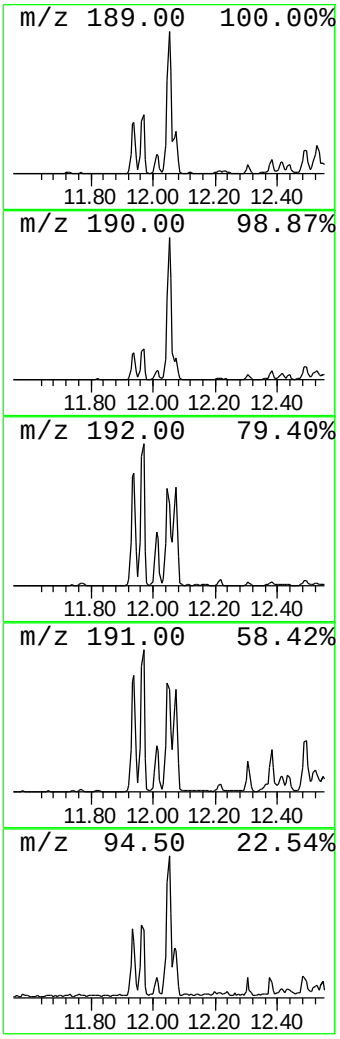
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	28.60 ng	2455720	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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

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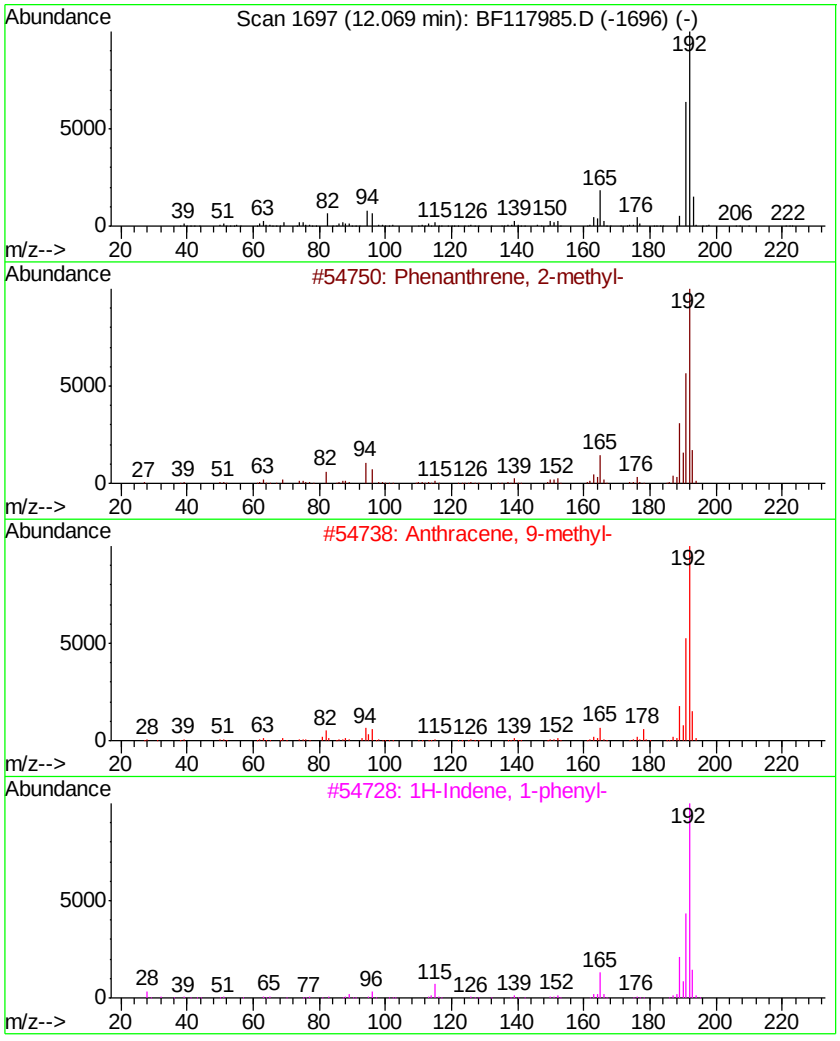
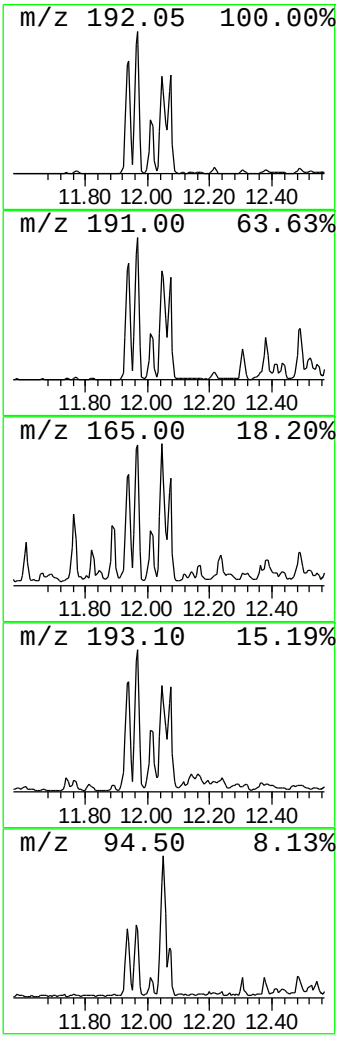
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	10.92 ng	937843	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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TIC Integration Parameters: LSCINT.P

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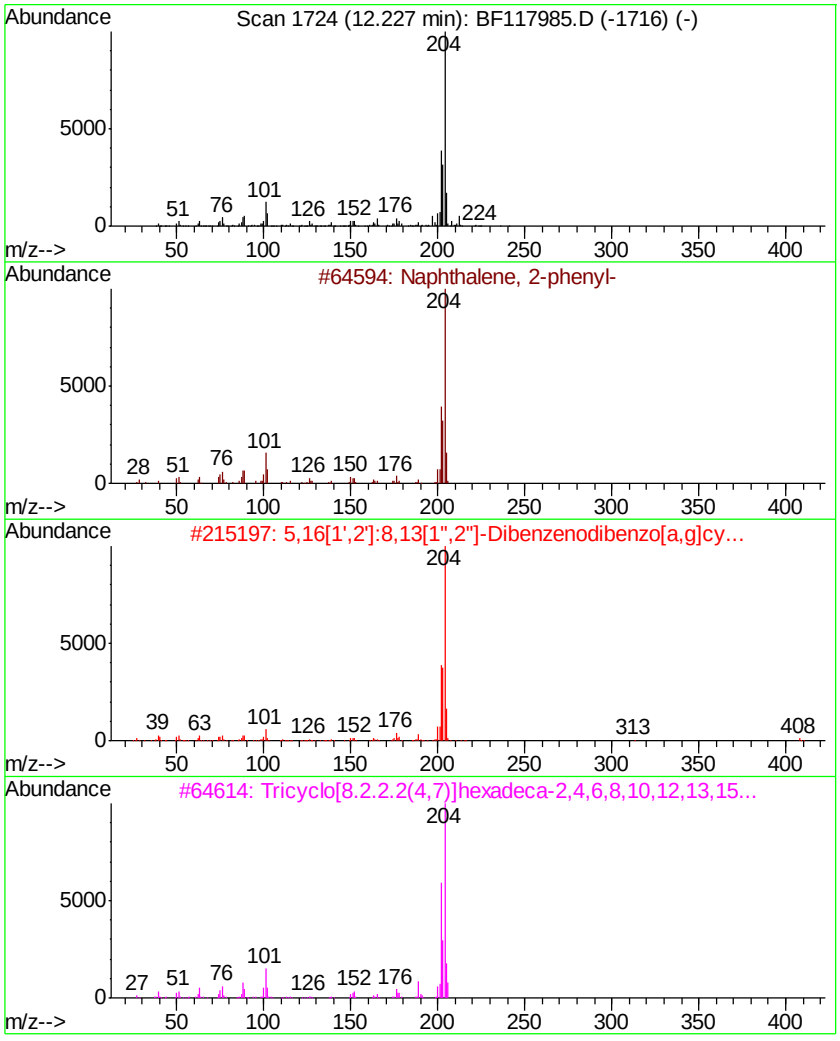
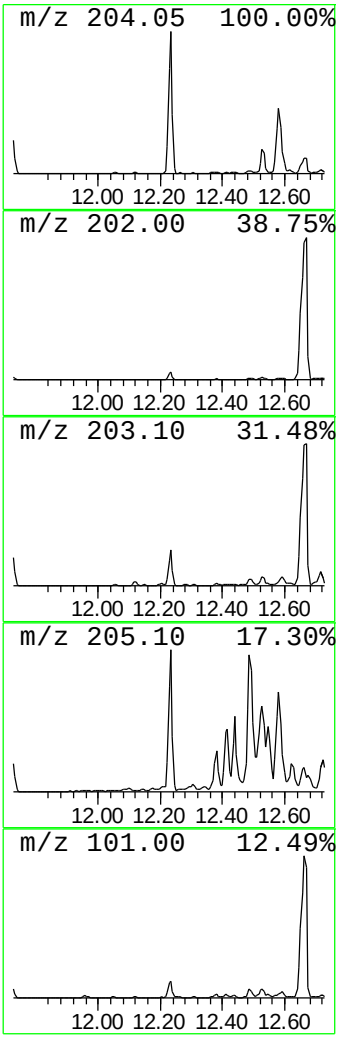
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	13.52 ng	1160670	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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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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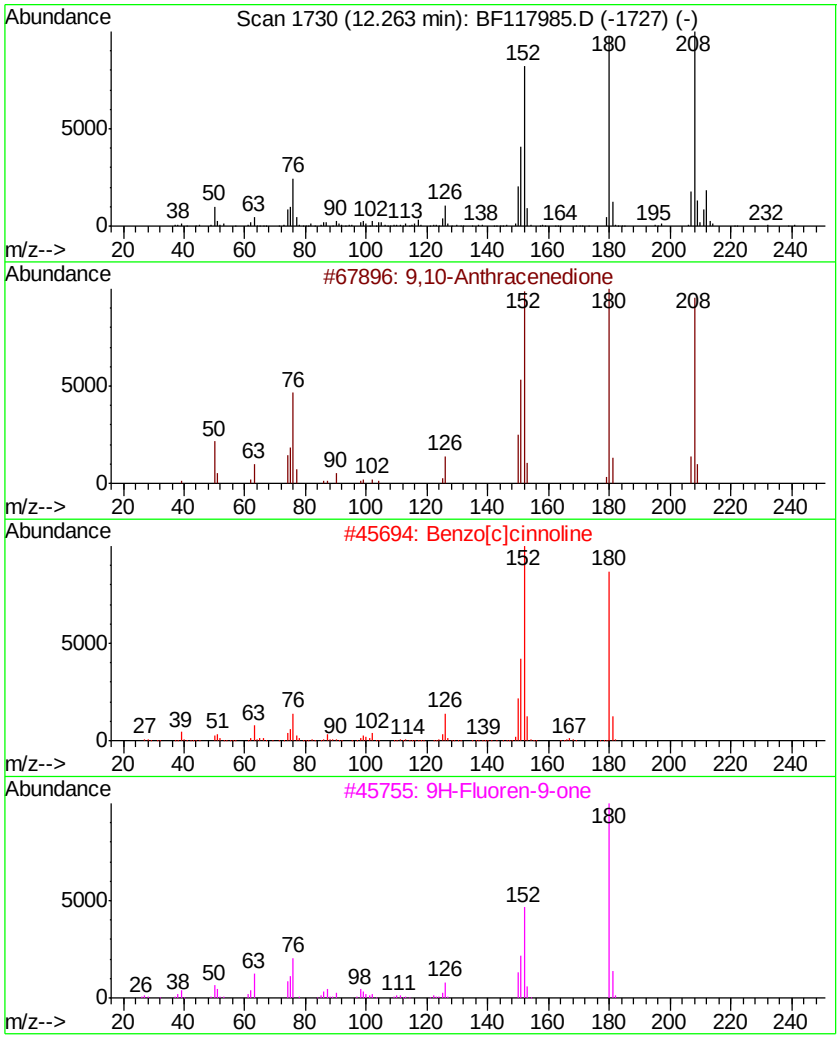
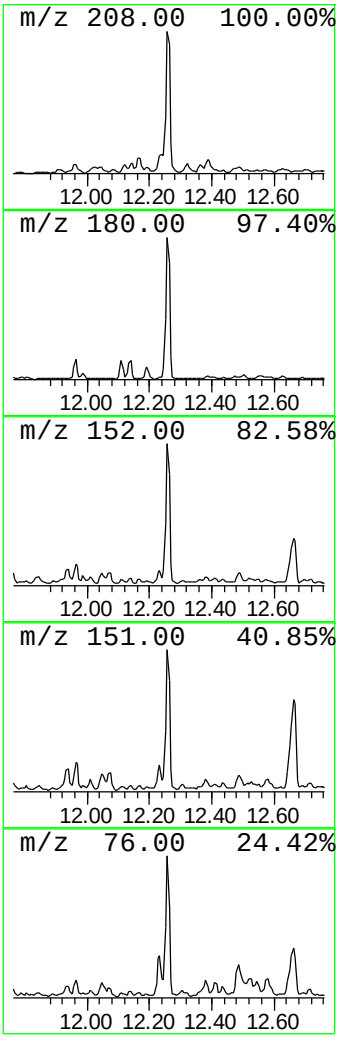
Peak Number 11 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	8.33 ng	715169	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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ClientSampleId : TP-7

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

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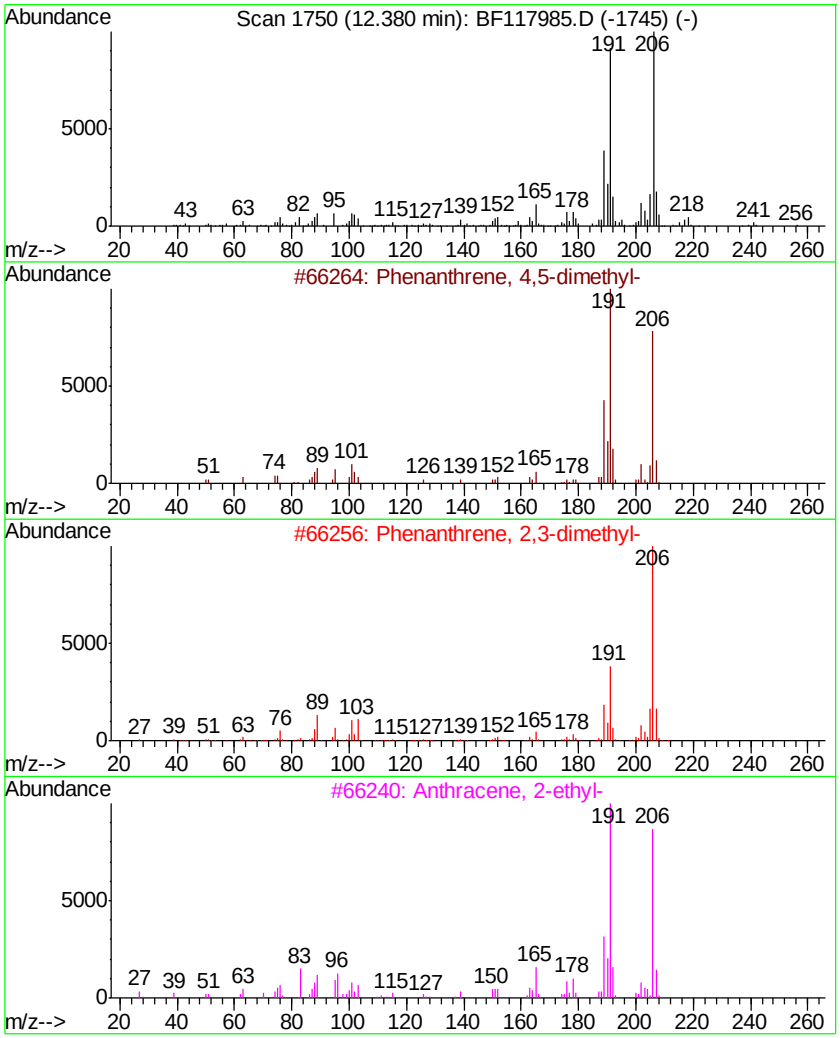
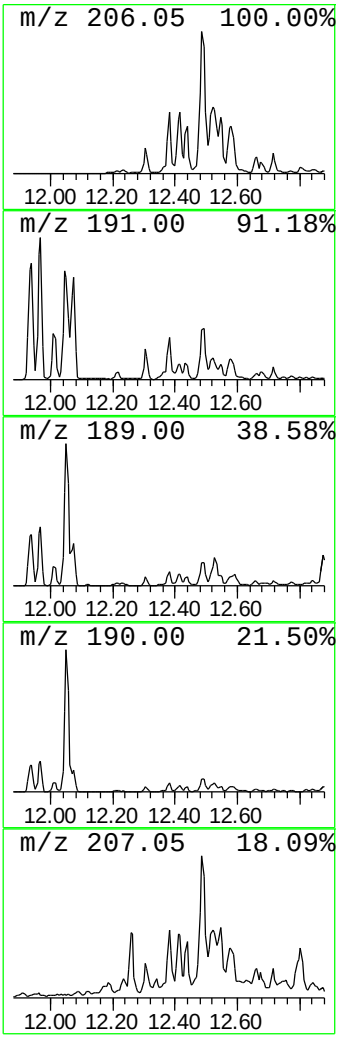
Peak Number 12 Phenanthrene, 4,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	7.17 ng	615522	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-7

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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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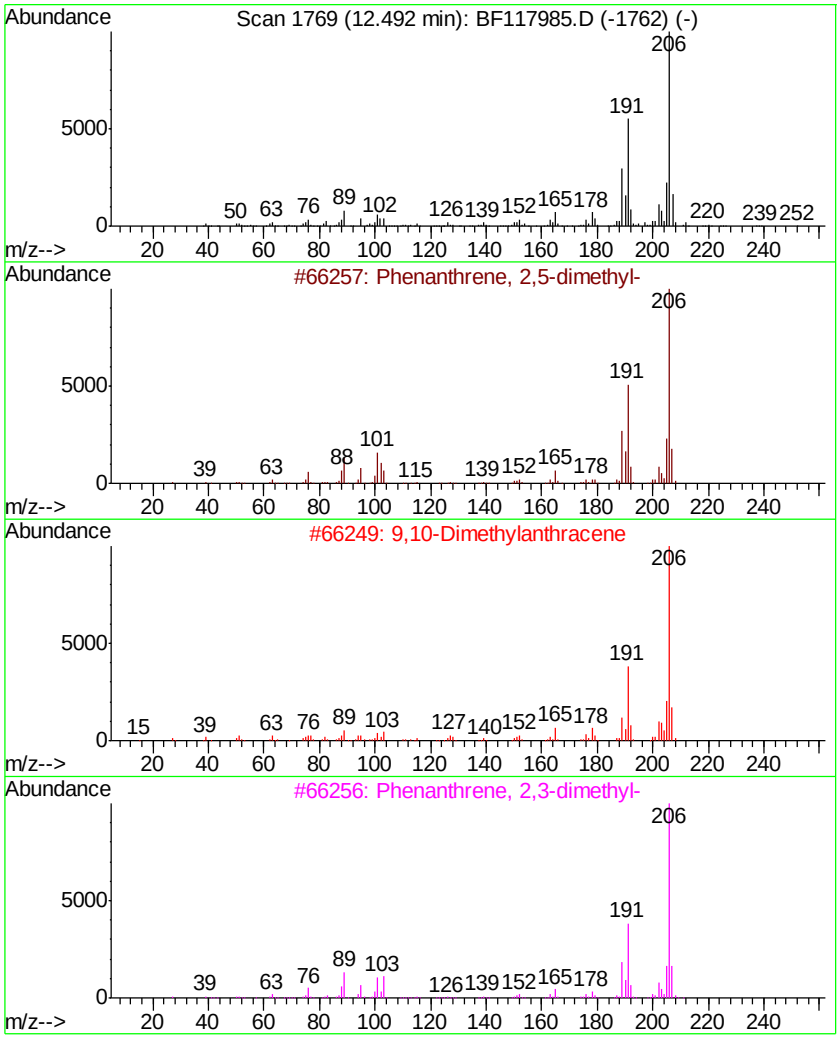
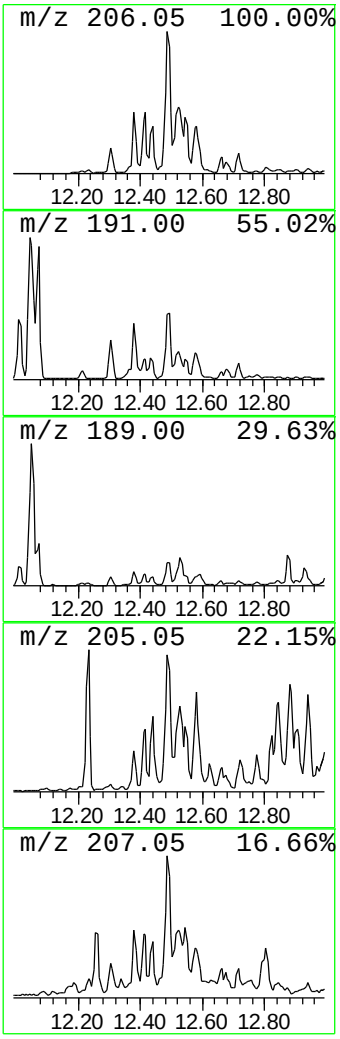
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	13.37 ng	1148070	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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TIC Library : C:\DATABASE\NIST11.L
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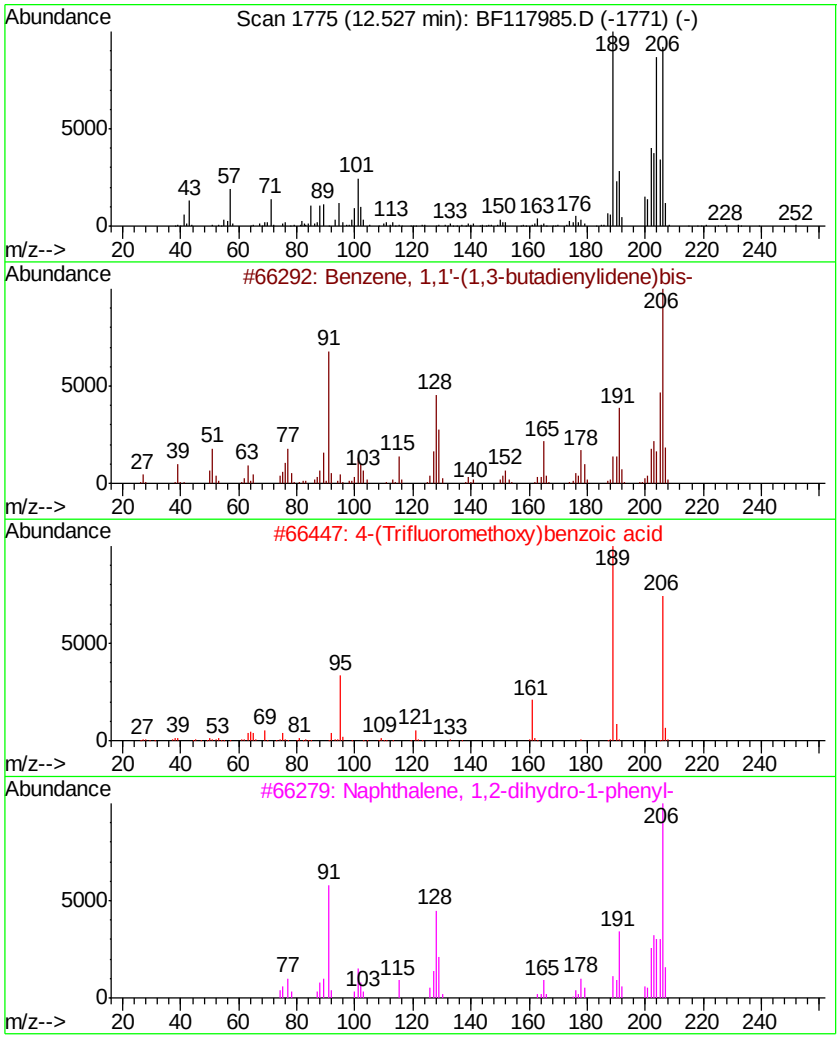
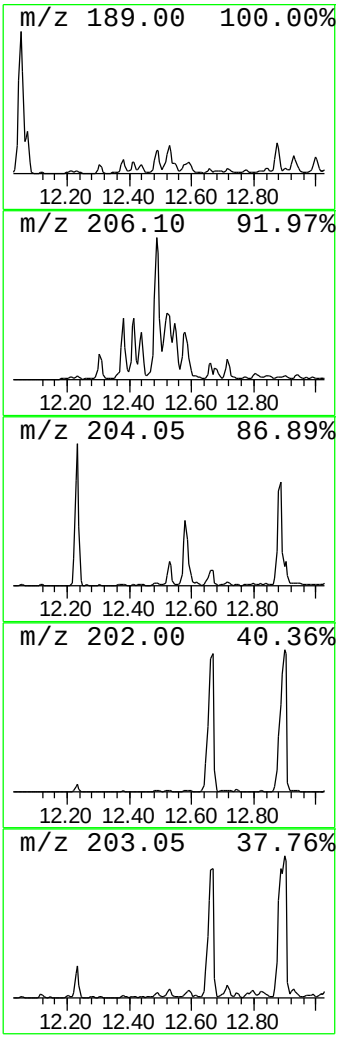
Peak Number 14 unknown12.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	10.04 ng	862487	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	38
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	35
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	25
4	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	25
5	Levamisole	204	C11H12N2S	014769-73-4	25





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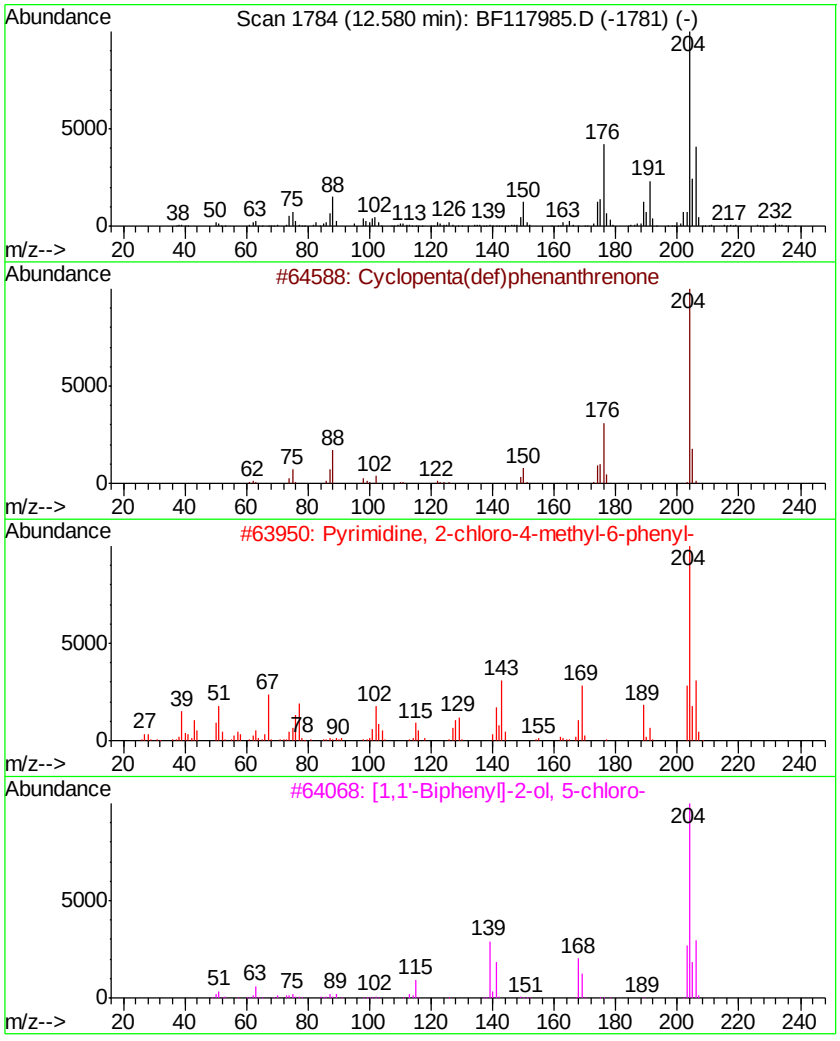
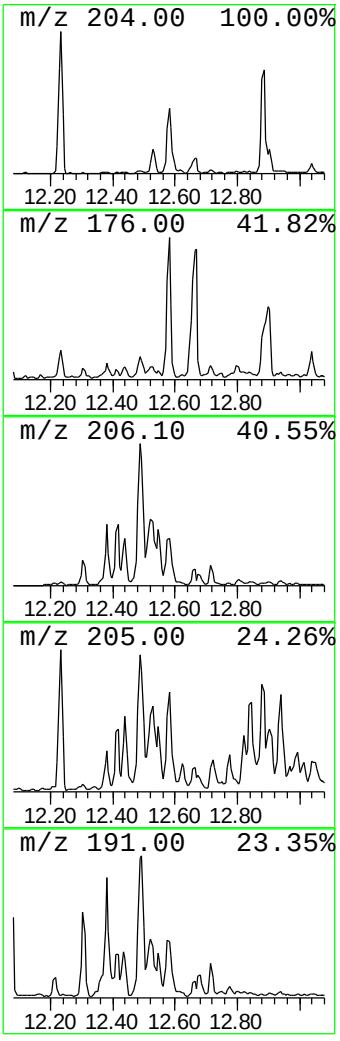
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	10.31 ng	885502	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





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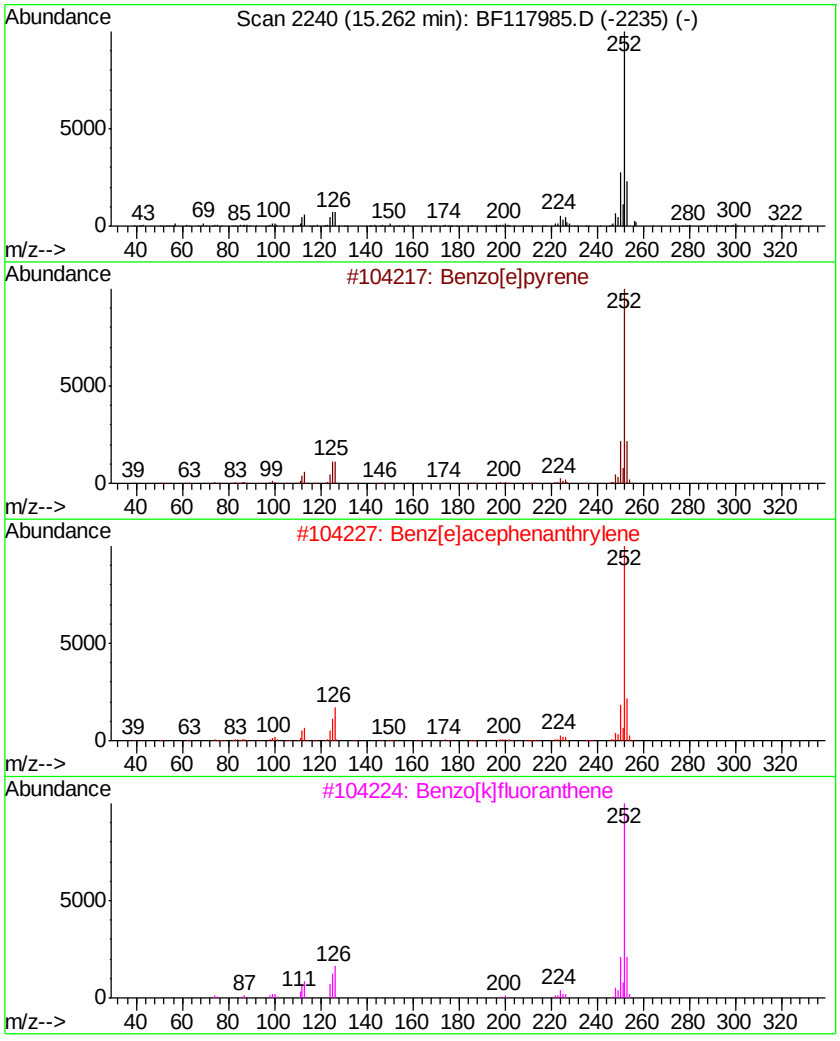
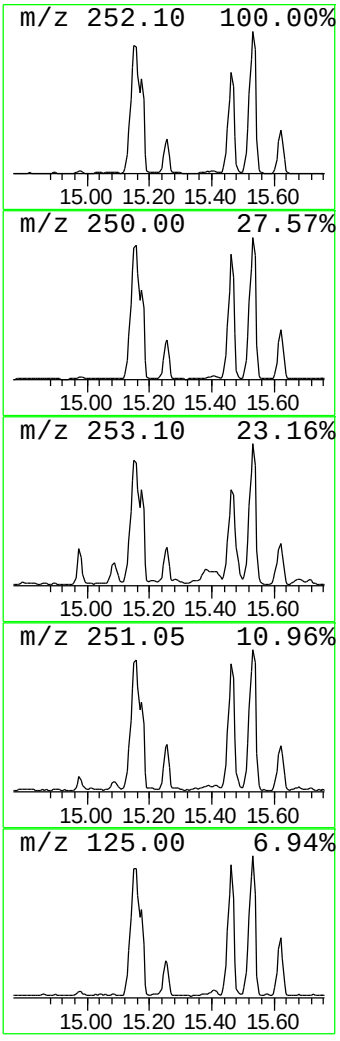
Peak Number 16 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	12.37 ng	634369	Perylene-d12	15.59

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





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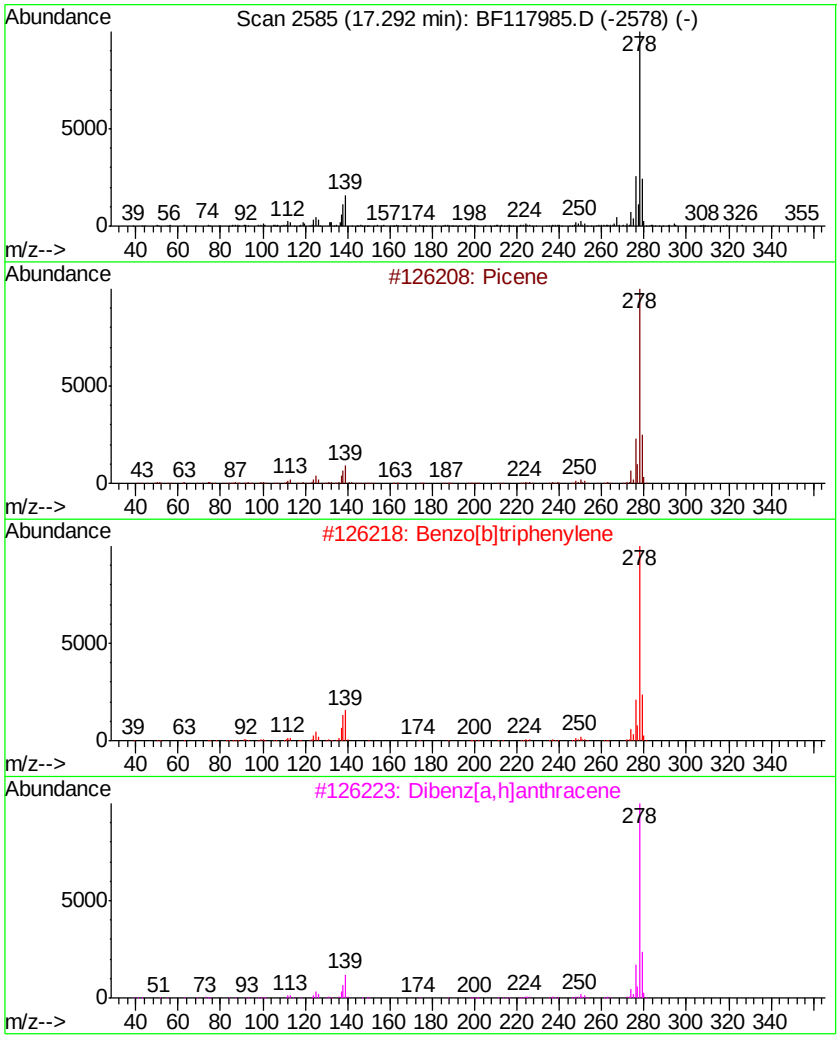
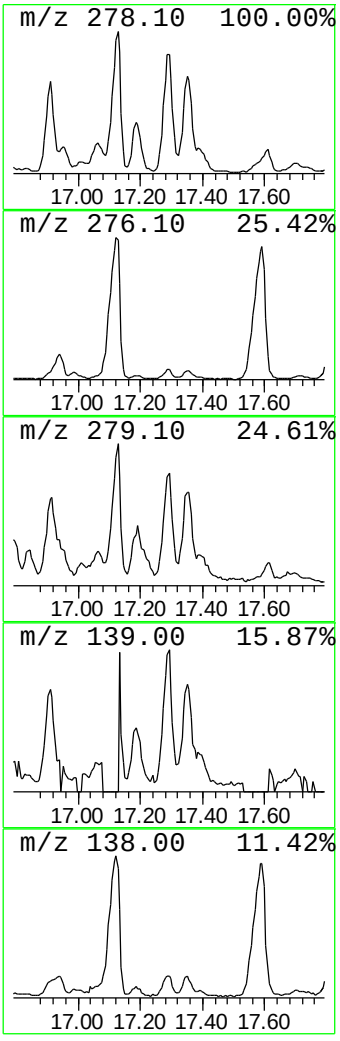
Peak Number 18 Picene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	11.83 ng	606658	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	99
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Benzo[b]chrysene	278	C22H14	000214-17-5	98
5	Pentaphene	278	C22H14	000222-93-5	97





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Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

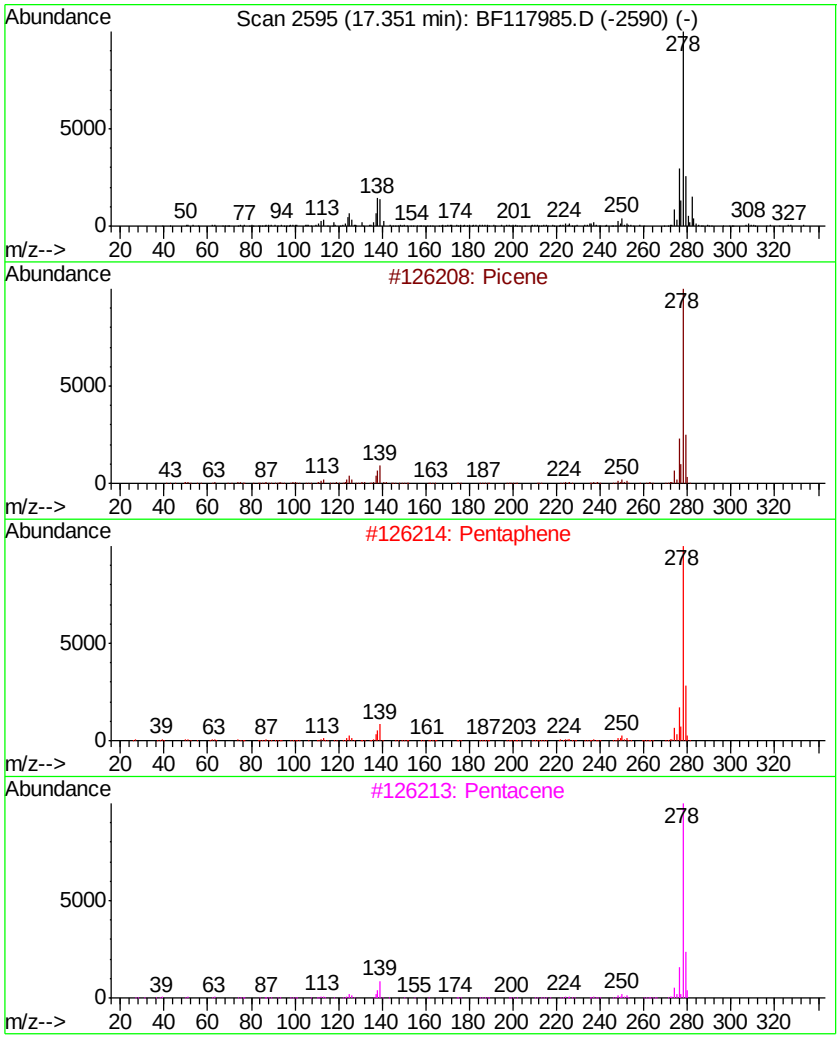
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

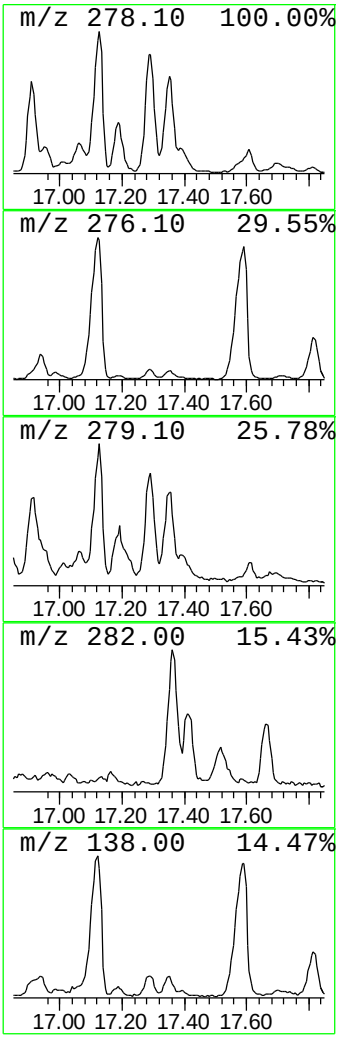
****

Peak Number 19 Pentaphene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	8.97 ng	460040	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Pentaphene	278	C22H14	000222-93-5	94
3	Pentacene	278	C22H14	000135-48-8	94
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112519\
Data File : BF117985.D
Acq On : 26 Nov 2019 00:17
Operator : JU
Sample : K5973-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.20	18.6	ng	881324	1	6.89	947083	20.0
2-Pentanone, 4-hy...	5.10	11.1	ng	524948	1	6.89	947083	20.0
unknown6.66	6.66	59.6	ng	2821140	1	6.89	947083	20.0
Phenanthrene, 2-m...	11.94	18.9	ng	1619490	4	11.43	1717510	20.0
Phenanthrene, 1-m...	11.96	22.8	ng	1954150	4	11.43	1717510	20.0
Anthracene, 2-met...	12.01	7.4	ng	637693	4	11.43	1717510	20.0
Benzaldehyde, 3,5...	12.05	28.6	ng	2455720	4	11.43	1717510	20.0
Anthracene, 9-met...	12.07	10.9	ng	937843	4	11.43	1717510	20.0
Naphthalene, 2-ph...	12.23	13.5	ng	1160670	4	11.43	1717510	20.0
9,10-Anthracenedione	12.26	8.3	ng	715169	4	11.43	1717510	20.0
Phenanthrene, 4,5...	12.38	7.2	ng	615522	4	11.43	1717510	20.0
Phenanthrene, 2,5...	12.49	13.4	ng	1148070	4	11.43	1717510	20.0
unknown12.53	12.53	10.0	ng	862487	4	11.43	1717510	20.0
Cyclopenta(def)ph...	12.58	10.3	ng	885502	4	11.43	1717510	20.0
Benzo[e]pyrene	15.26	12.4	ng	634369	6	15.59	1025730	20.0
Picene	17.29	11.8	ng	606658	6	15.59	1025730	20.0
Pentaphene	17.35	9.0	ng	460040	6	15.59	1025730	20.0