LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110980.D
Acq On : 26 Nov 2018 22:51
Operator : JU/SJ
Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

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-BF112618.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	2.210	18	21	37	rVB	52428	92271	2.99%	0.243%
2	5.557	587	590	612	rBV	448783	625528	20.30%	1.648%
3	6.563	758	761	782	rBV	467824	691366	22.44%	1.822%
4	6.710	782	786	801	rVB	684384	684042	22.20%	1.802%
5	6.940	821	825	833	rBV	335062	323555	10.50%	0.853%
6	7.092	847	851	866	rBV	524308	501311	16.27%	1.321%
7	7.504	918	921	939	rBV	263045	368796	11.97%	0.972%
8	8.222	1040	1043	1045	rBV	368318	335668	10.89%	0.884%
9	8.239	1045	1046	1061	rVB	124854	164667	5.34%	0.434%
10	8.939	1161	1165	1172	rBV	112811	129448	4.20%	0.341%
11	9.034	1178	1181	1186	rBV	114098	111821	3.63%	0.295%
12	9.292	1221	1225	1233	rBV	692197	589359	19.13%	1.553%
13	9.569	1268	1272	1276	rBV2	79536	113356	3.68%	0.299%
14	9.633	1280	1283	1286	rBV	140471	148014	4.80%	0.390%
15	9.663	1286	1288	1291	rVV2	83498	95599	3.10%	0.252%
16	9.757	1301	1304	1310	rVB	70215	100266	3.25%	0.264%
17	9.845	1315	1319	1322	rVV2	122003	136132	4.42%	0.359%
18	9.981	1339	1342	1345	rVV	421610	372951	12.10%	0.983%
19	10.010	1345	1347	1351	rVV	287963	279690	9.08%	0.737%
20	10.186	1372	1377	1380	rVV2	190265	222922	7.24%	0.587%
21	10.222	1380	1383	1386	rVB	80573	72221	2.34%	0.190%
22	10.292	1391	1395	1398	rBV	78992	88299	2.87%	0.233%
23	10.386	1407	1411	1413	rBV	116736	123507	4.01%	0.325%
24	10.533	1432	1436	1442	rVB	474726	436813	14.18%	1.151%
25	10.598	1442	1447	1448	rBV2	79944	102781	3.34%	0.271%
26	10.686	1460	1462	1466	rVB	113372	93238	3.03%	0.246%
27	10.775	1473	1477	1483	rBV2	381836	466449	15.14%	1.229%
28	10.857	1489	1491	1495	rBV	69221	89925	2.92%	0.237%
29	11.080	1522	1529	1532	rBV	149846	176413	5.73%	0.465%
30	11.110	1532	1534	1537	rVV	93181	89146	2.89%	0.235%
31	11.163	1540	1543	1546	rVV2	67527	67457	2.19%	0.178%
32	11.204	1546	1550	1552	rVV3	67616	86437	2.81%	0.228%
33	11.227	1552	1554	1559	rVV2	72901	90590	2.94%	0.239%
34	11.292	1559	1565	1566	rVV3	63628	90405	2.93%	0.238%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

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-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.310	1566	1568	1576	rVV3	85148	163298	5.30%	0.430%
36	11.375	1576	1579	1585	rVB	215727	193439	6.28%	0.510%
37	11.480	1593	1597	1598	rBV	393792	361263	11.73%	0.952%
38	11.510	1598	1602	1605	rVB	2456579	2254609	73.18%	5.941%
39	11.557	1605	1610	1614	rBV	830477	722592	23.45%	1.904%
40	11.716	1632	1637	1643	rBV3	196029	257791	8.37%	0.679%
41	11.763	1643	1645	1647	rVV	87031	66055	2.14%	0.174%
42	11.810	1650	1653	1655	rVV	126810	119868	3.89%	0.316%
43	11.839	1655	1658	1661	rVV	509724	413647	13.43%	1.090%
44	11.892	1663	1667	1671	rVB2	72358	99245	3.22%	0.262%
45	11.980	1678	1682	1684	rBV	534218	465924	15.12%	1.228%
46	12.010	1684	1687	1690	rVB	619247	505207	16.40%	1.331%
47	12.057	1692	1695	1698	rBV	233424	210293	6.83%	0.554%
48	12.098	1698	1702	1704	rBV2	665205	782195	25.39%	2.061%
49	12.275	1729	1732	1734	rBV	272501	247644	8.04%	0.653%
50	12.322	1736	1740	1743	rVV2	124871	133030	4.32%	0.351%
51	12.422	1752	1757	1760	rBV2	142108	153692	4.99%	0.405%
52	12.457	1760	1763	1765	rVV	164359	132362	4.30%	0.349%
53	12.480	1765	1767	1772	rVB2	127134	110074	3.57%	0.290%
54	12.533	1772	1776	1778	rBV	2081170	2058130	66.80%	5.423%
55	12.551	1778	1779	1785	rVV4	1245735	1167495	37.89%	3.076%
56	12.633	1788	1793	1800	rVB4	383805	486281	15.78%	1.281%
57	12.710	1800	1806	1809	rBV	2815502	2858679	92.78%	7.533%
58	12.763	1813	1815	1819	rVB2	99792	101589	3.30%	0.268%
59	12.798	1819	1821	1827	rVB3	54274	70926	2.30%	0.187%
60	12.857	1827	1831	1833	rBV2	176849	216161	7.02%	0.570%
61	12.945	1837	1846	1849	rBV2	2419353	3081046	100.00%	8.119%
62	12.980	1849	1852	1855	rVB	223345	204717	6.64%	0.539%
63	13.033	1855	1861	1862	rBV	58760	78080	2.53%	0.206%
64	13.057	1862	1865	1868	rVV2	619886	573329	18.61%	1.511%
65	13.151	1876	1881	1886	rBV3	246380	419026	13.60%	1.104%
66	13.192	1886	1888	1892	rVV3	82073	104213	3.38%	0.275%
67	13.239	1892	1896	1897	rVV2	181075	224520	7.29%	0.592%
68	13.263	1897	1900	1905	rVB	535898	519085	16.85%	1.368%
69	13.327	1905	1911	1913	rBV	404347	385794	12.52%	1.017%
70	13.369	1913	1918	1921	rVV2	339365	411538	13.36%	1.084%
71	13.463	1931	1934	1936	rBV	237932	225601	7.32%	0.594%

LSC Area Percent Report

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Acq On : 26 Nov 2018 22:51
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Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

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-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.492	1936	1939	1942	rBV	219329	208792	6.78%	0.550%
73	13.563	1947	1951	1955	rBV4	52639	100152	3.25%	0.264%
74	13.663	1965	1968	1970	rBV3	54944	67691	2.20%	0.178%
75	13.739	1978	1981	1984	rBV3	62916	86412	2.80%	0.228%
76	13.780	1984	1988	1991	rVV2	159081	198298	6.44%	0.523%
77	13.833	1994	1997	2000	rVB	59848	67794	2.20%	0.179%
78	13.886	2004	2006	2008	rVV2	243758	235325	7.64%	0.620%
79	13.904	2008	2009	2012	rVV	208983	168012	5.45%	0.443%
80	13.939	2012	2015	2021	rVB3	200273	299681	9.73%	0.790%
81	13.992	2021	2024	2029	rVB2	178371	187562	6.09%	0.494%
82	14.127	2042	2047	2051	rBV2	1222172	1643684	53.35%	4.331%
83	14.163	2051	2053	2057	rVV	953508	917609	29.78%	2.418%
84	14.245	2064	2067	2070	rBV	246484	195308	6.34%	0.515%
85	14.298	2073	2076	2081	rBV4	99786	100819	3.27%	0.266%
86	14.368	2084	2088	2090	rVV2	49104	67081	2.18%	0.177%
87	14.521	2109	2114	2117	rVV	279904	315839	10.25%	0.832%
88	14.557	2117	2120	2123	rVB2	168006	148358	4.82%	0.391%
89	14.598	2124	2127	2129	rVB2	75372	70547	2.29%	0.186%
90	14.627	2129	2132	2134	rVB2	83807	83109	2.70%	0.219%
91	14.651	2134	2136	2138	rBV	130886	130917	4.25%	0.345%
92	14.868	2169	2173	2175	rBV3	121421	146349	4.75%	0.386%
93	15.221	2228	2233	2236	rBV	689905	1107170	35.93%	2.917%
94	15.333	2249	2252	2258	rVB	143816	161042	5.23%	0.424%
95	15.545	2283	2288	2294	rVB	383237	490446	15.92%	1.292%
96	15.615	2295	2300	2306	rVB	656586	843964	27.39%	2.224%
97	15.674	2306	2310	2313	rBV	139491	177846	5.77%	0.469%
98	15.710	2313	2316	2322	rVB2	159882	217604	7.06%	0.573%
99	17.268	2576	2581	2589	rVB	219554	432982	14.05%	1.141%
100	17.762	2659	2665	2676	rVB	150473	341282	11.08%	0.899%

Sum of corrected areas: 37950556

LSC Report - Integrated Chromatogram

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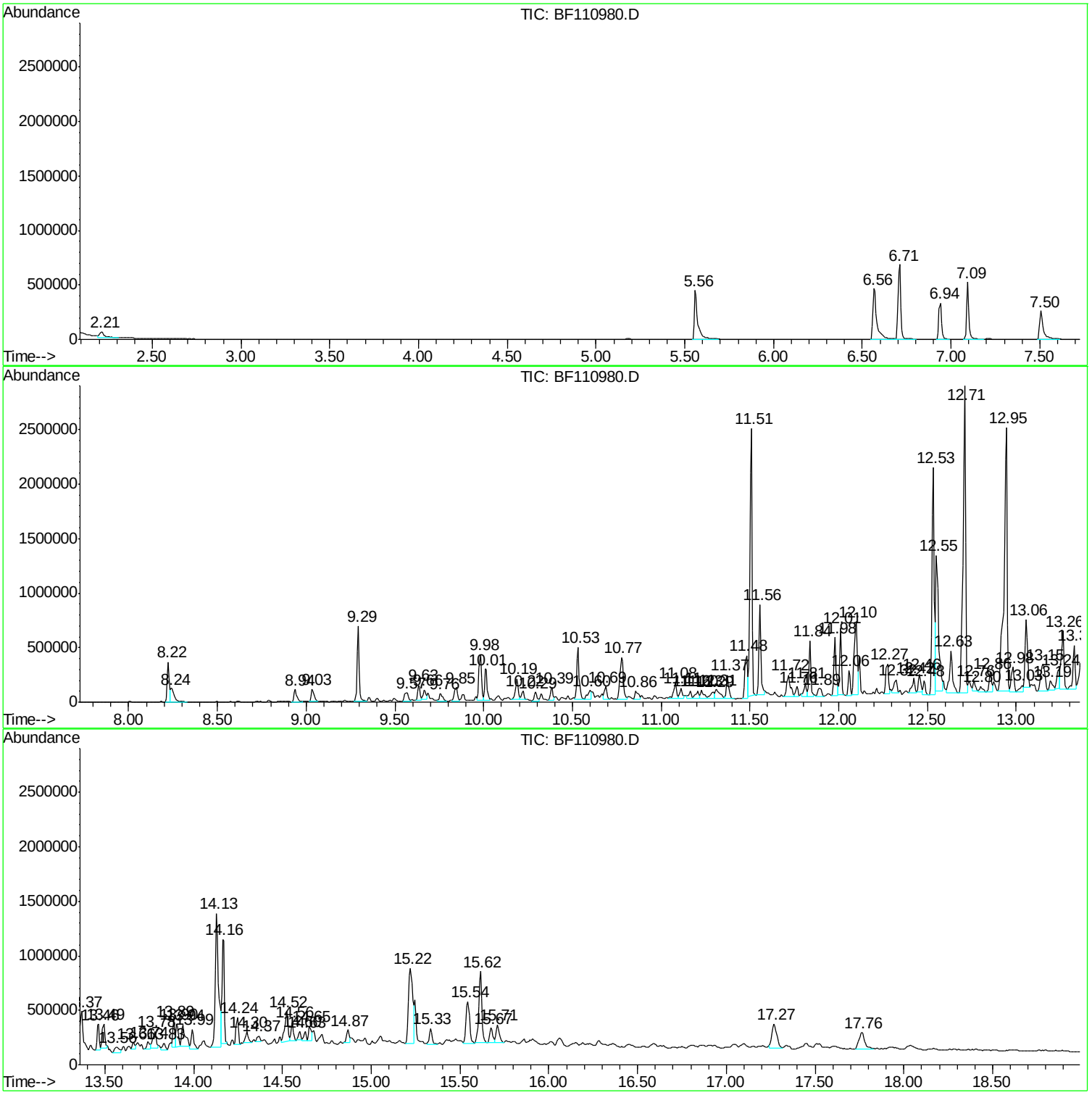
Acq On : 26 Nov 2018 22:51
Operator : JU/SJ
Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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\BF112618\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

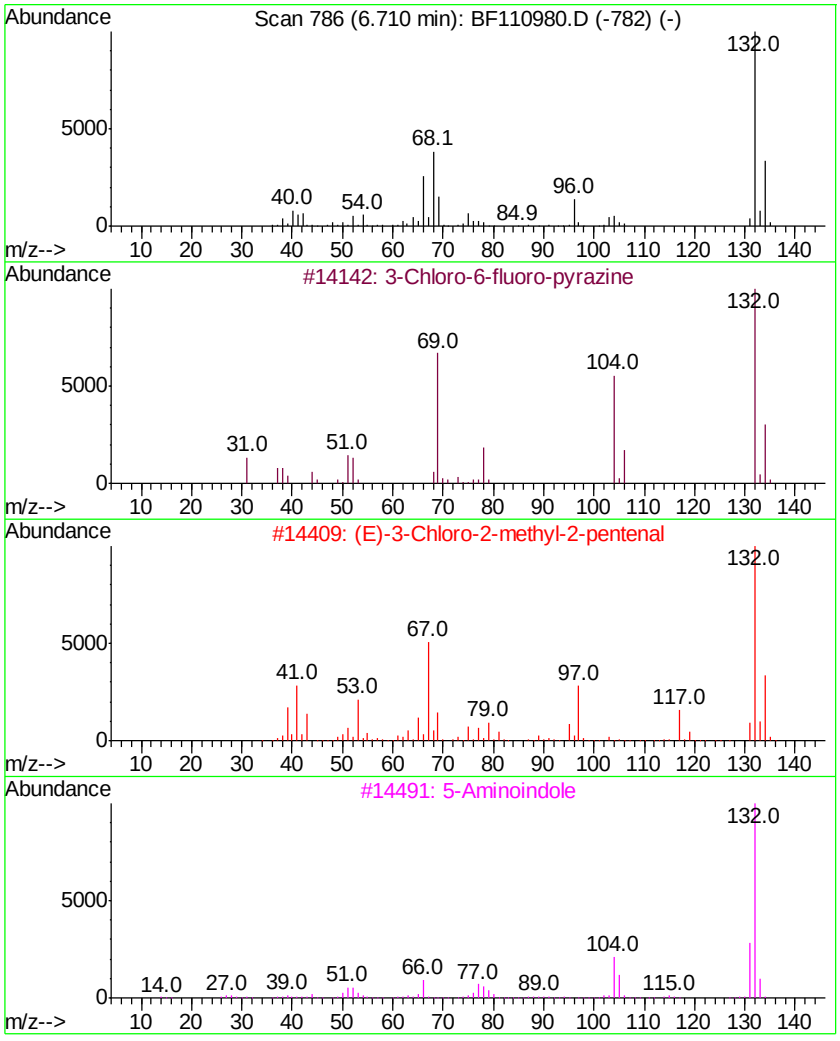
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

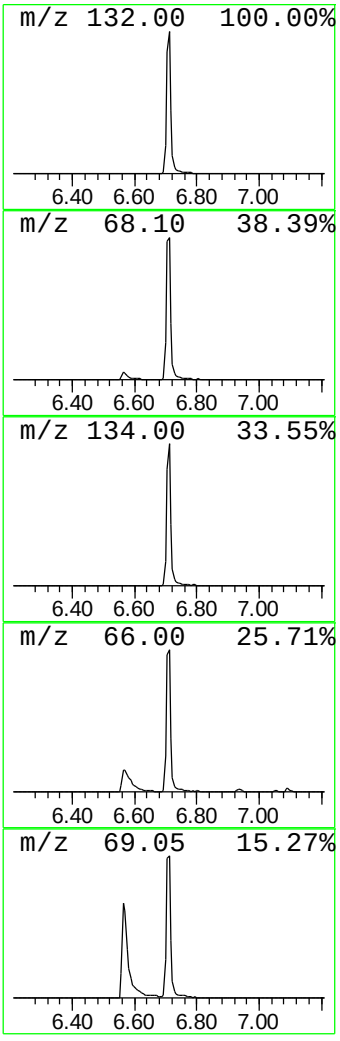
****

Peak Number 1 unknown6.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	42.28 ng	684042	1,4-Dichlorobenzene-d4	6.94

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SU-03-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

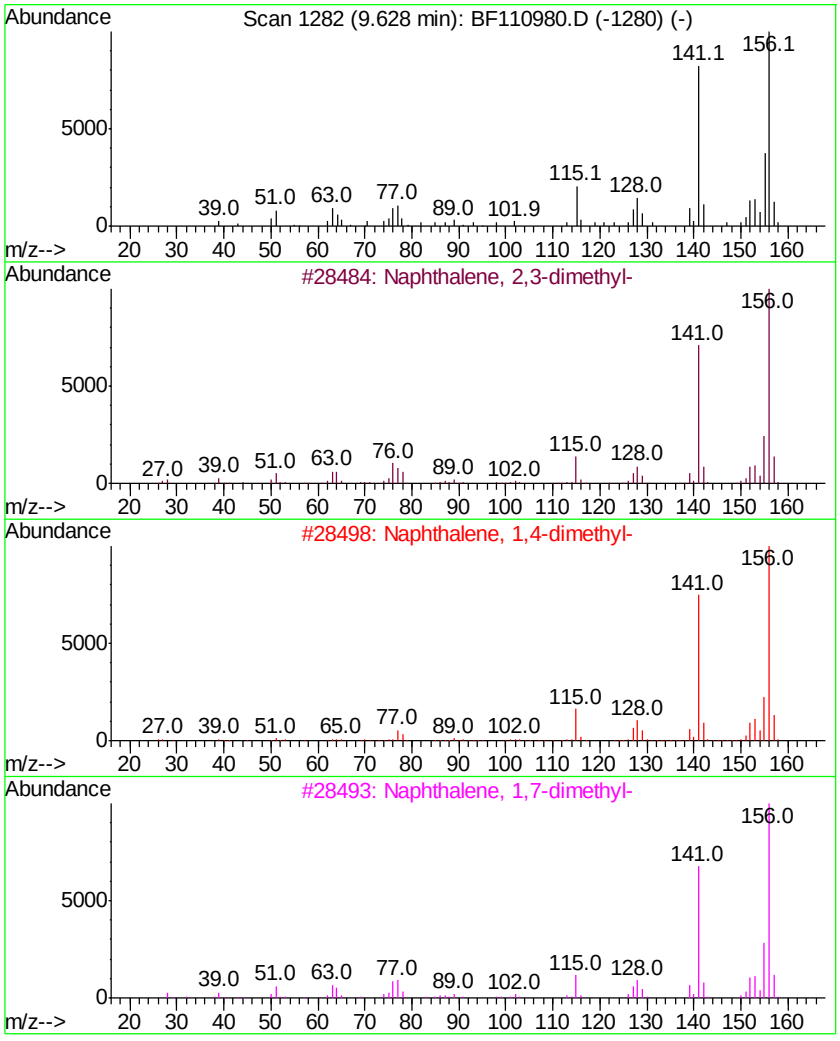
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

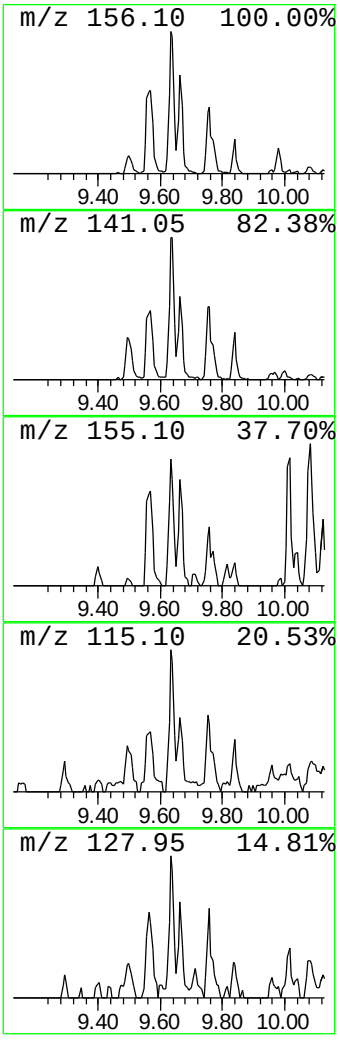
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	7.94 ng	148014	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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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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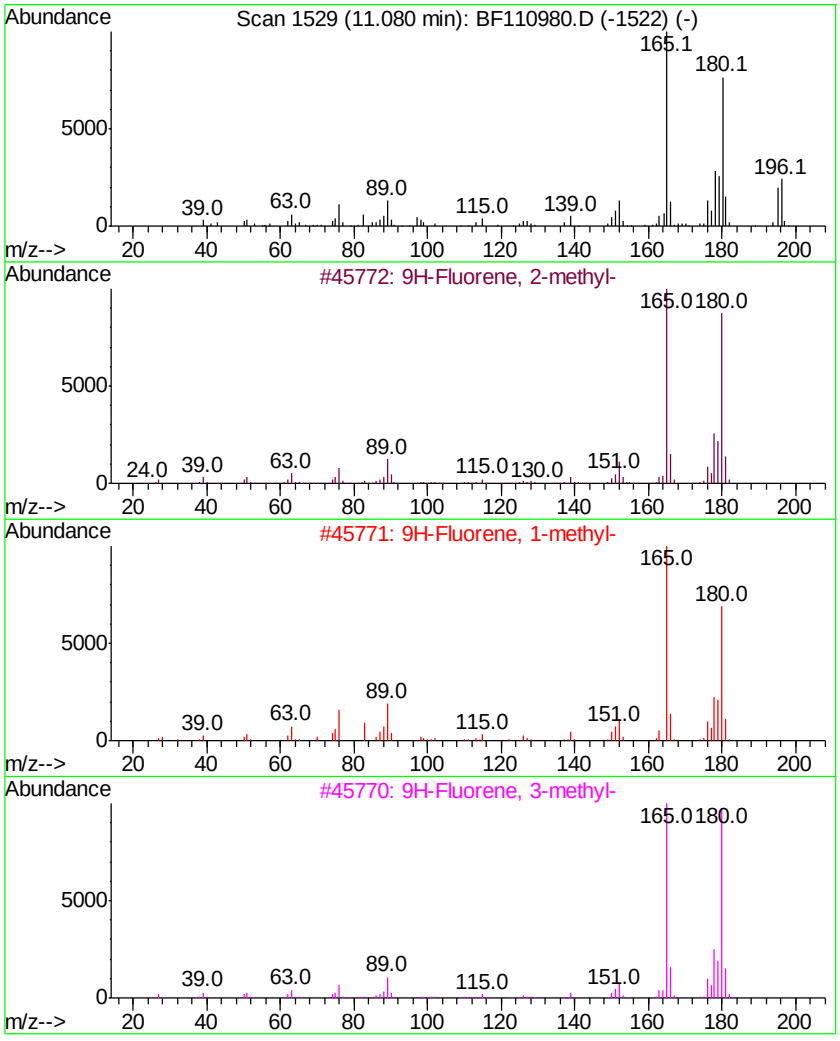
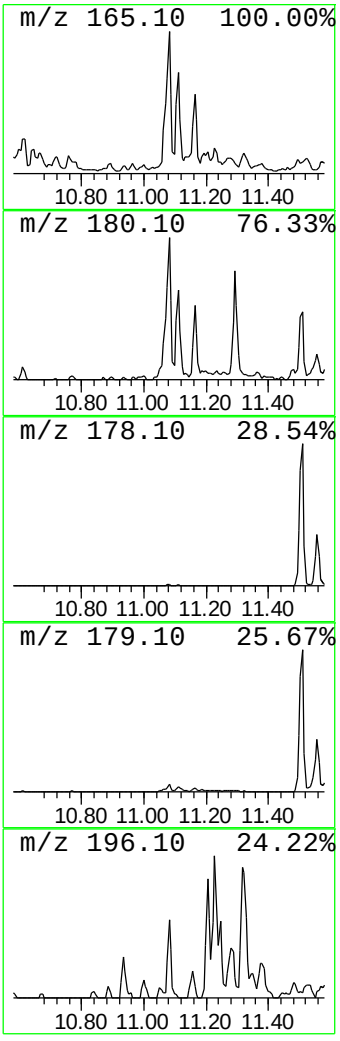
Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	9.77 ng	176413	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	98
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

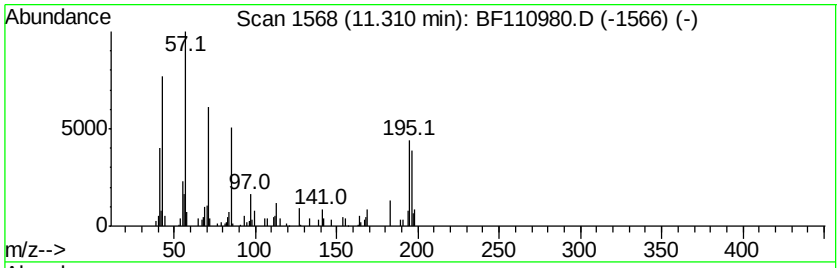
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

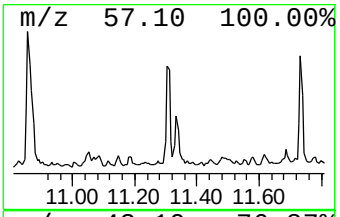
****

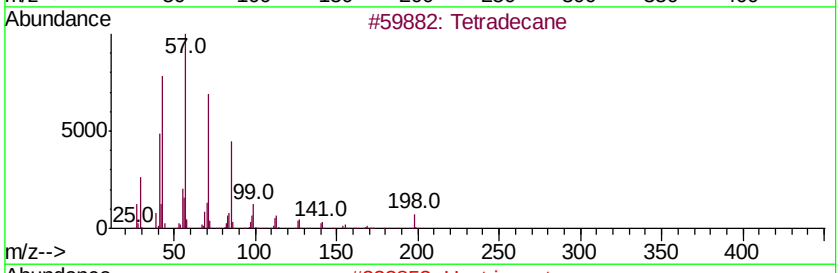
Peak Number 5 Tetradecane Concentration Rank 16

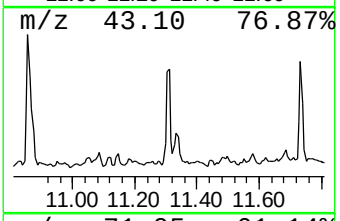
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	9.04 ng	163298	Phenanthrene-d10	11.48

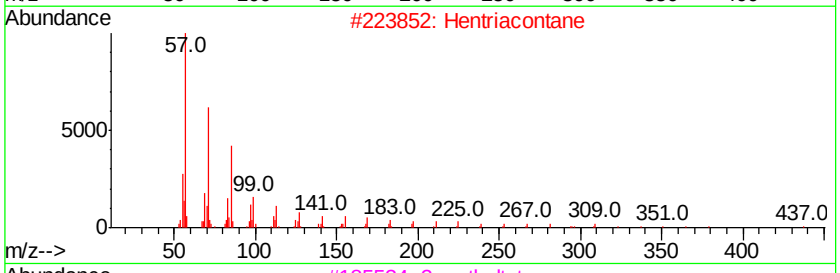
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	46
2	Hentriacontane	437	C31H64	000630-04-6	46
3	2-methyltetracosane	352	C25H52	1000376-72-6	43
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	30

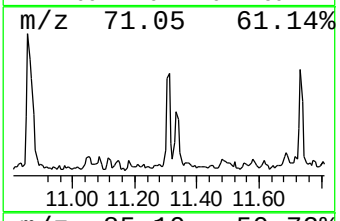


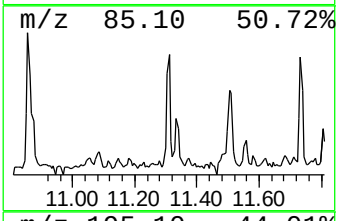


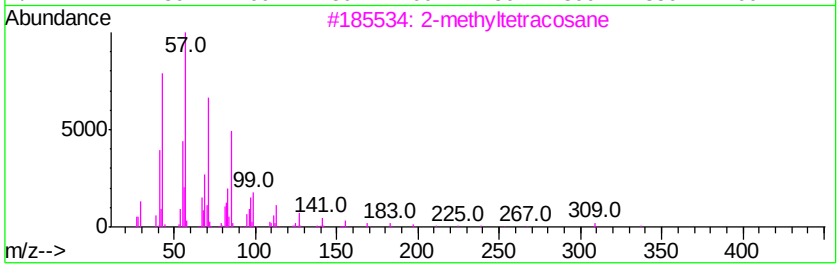


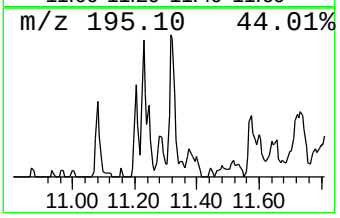












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Acq On : 26 Nov 2018 22:51
Operator : JU/SJ
Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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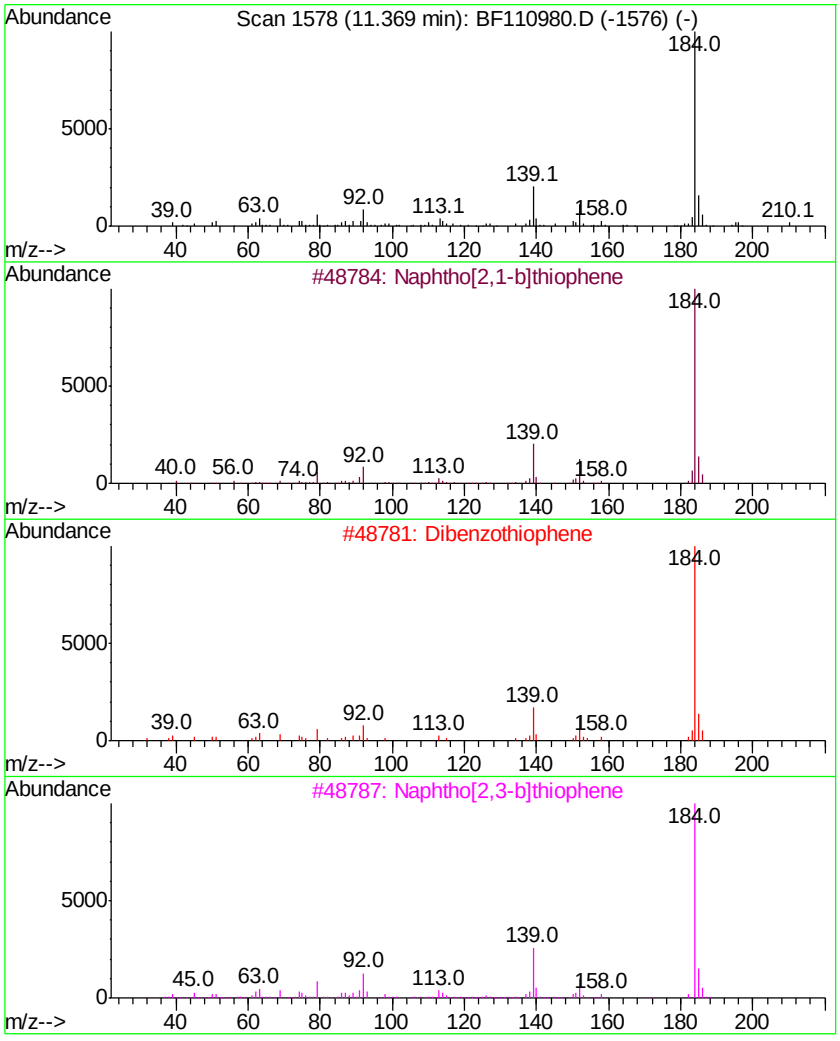
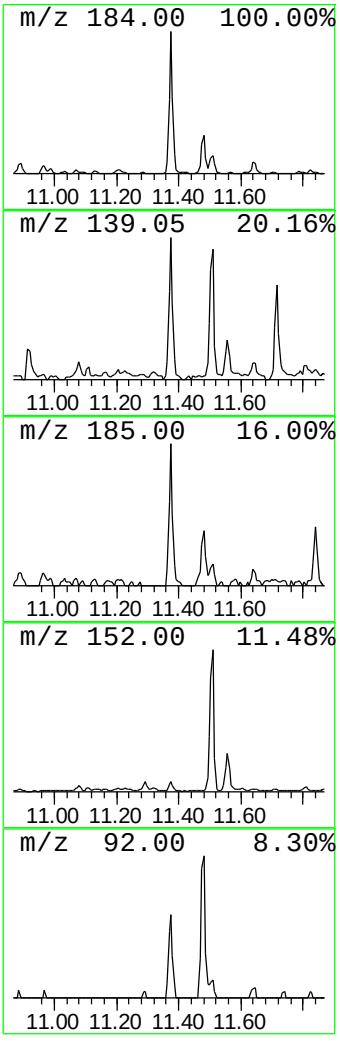
Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	10.71 ng	193439	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : JU/SJ
Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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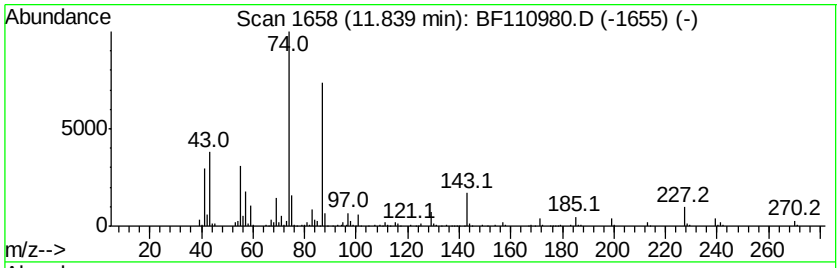
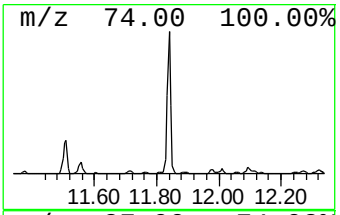
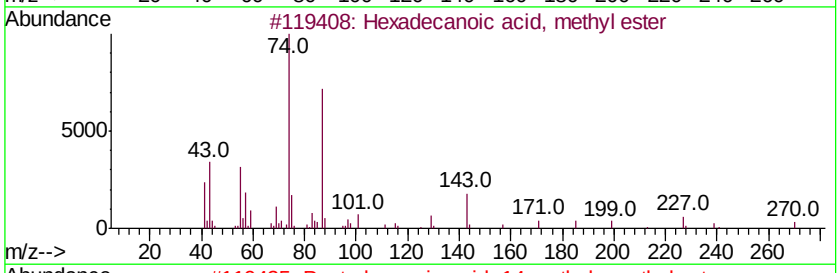
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 10

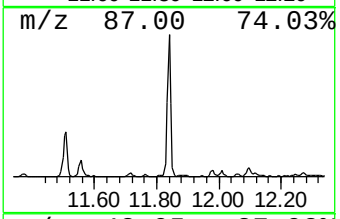
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	22.90 ng	413647	Phenanthrene-d10	11.48

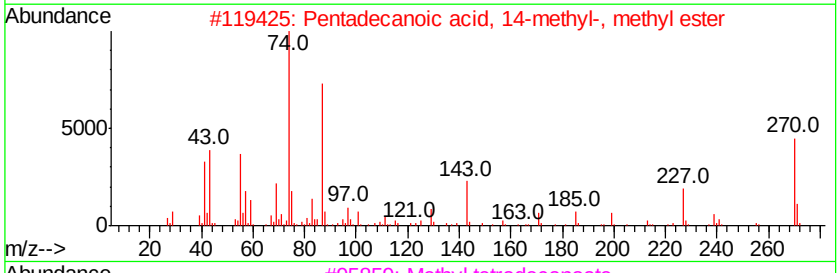
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80

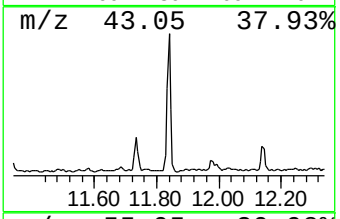


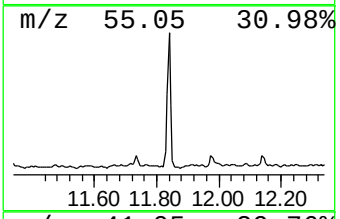


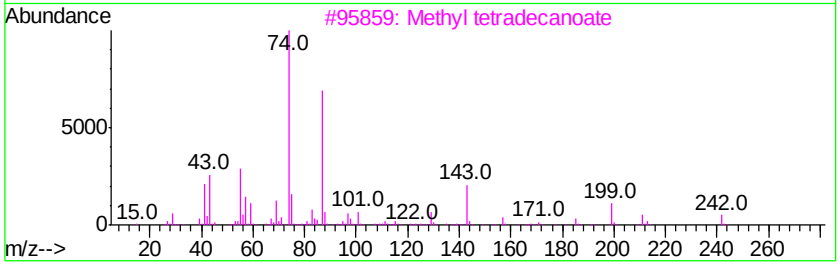


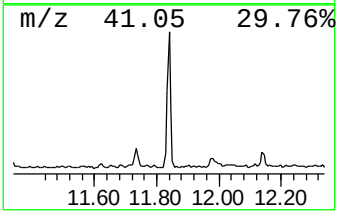












Library Search Compound Report

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Data File : BF110980.D
Acq On : 26 Nov 2018 22:51
Operator : JU/SJ
Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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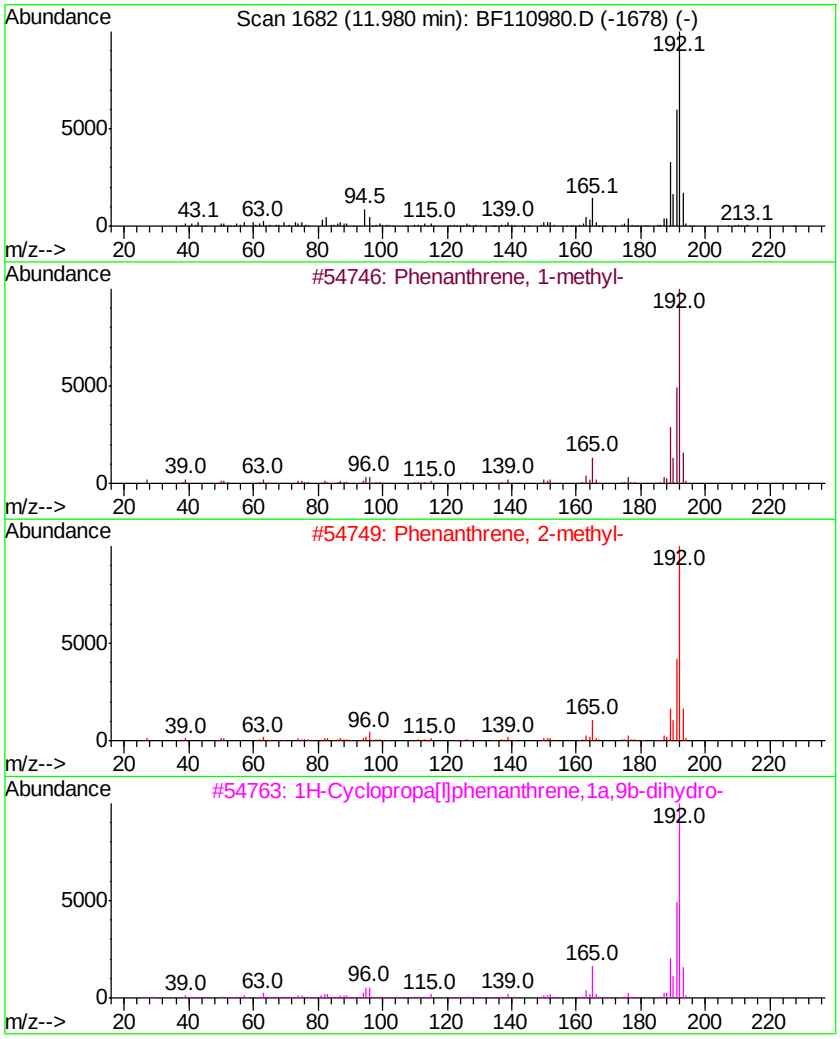
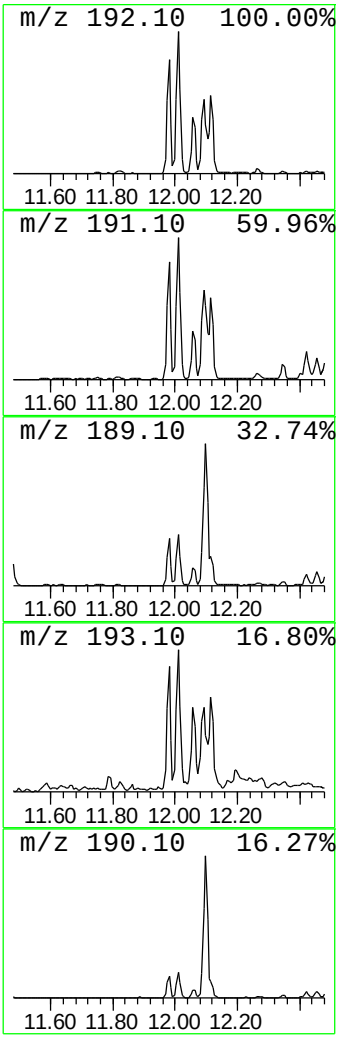
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	25.79 ng	465924	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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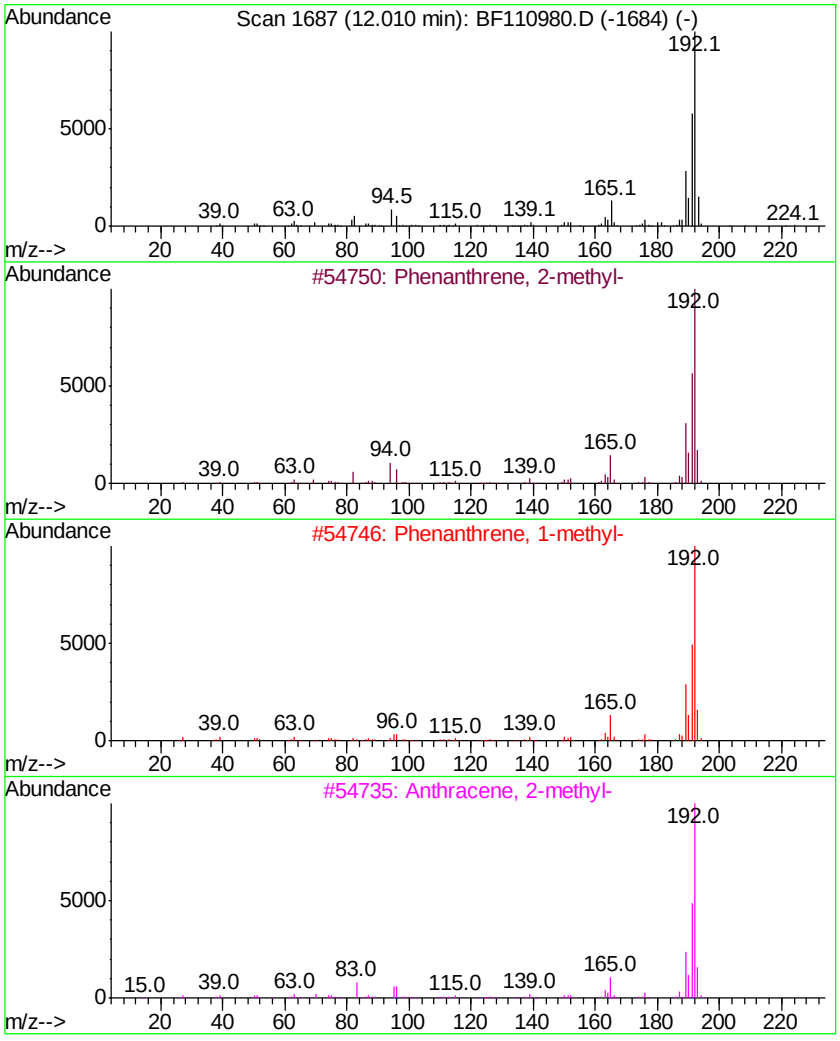
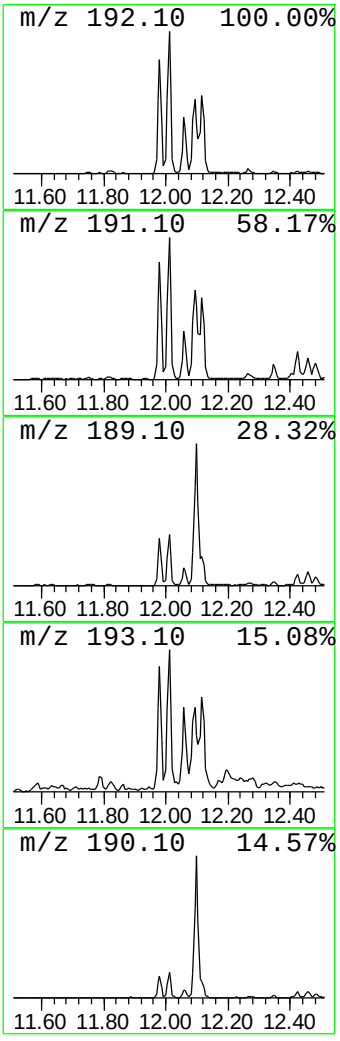
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	27.97 ng	505207	Phenanthrene-d10	11.48

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	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

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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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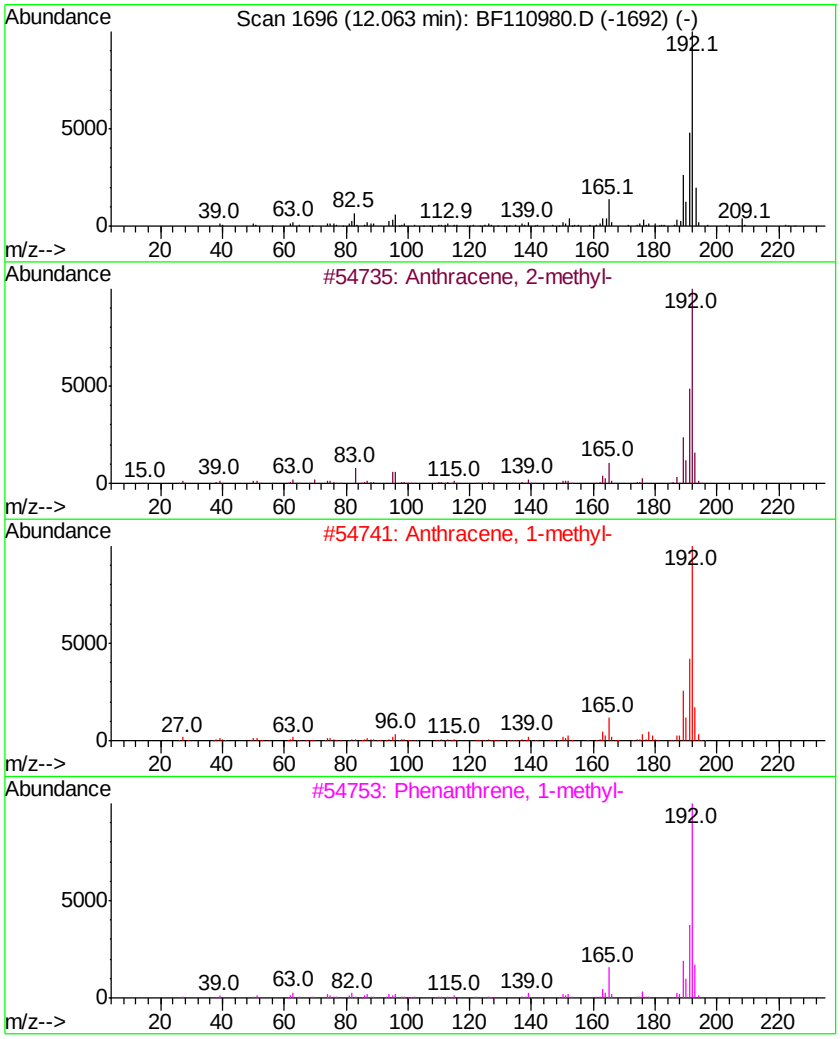
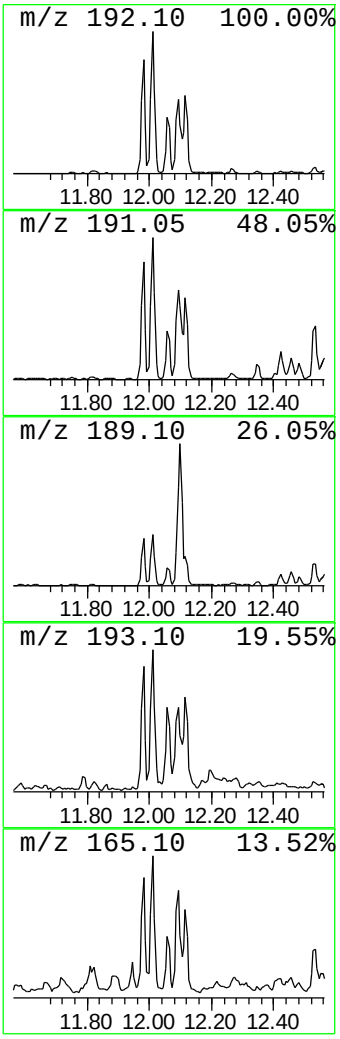
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	11.64 ng	210293	Phenanthrene-d10	11.48

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





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-03-112118-B

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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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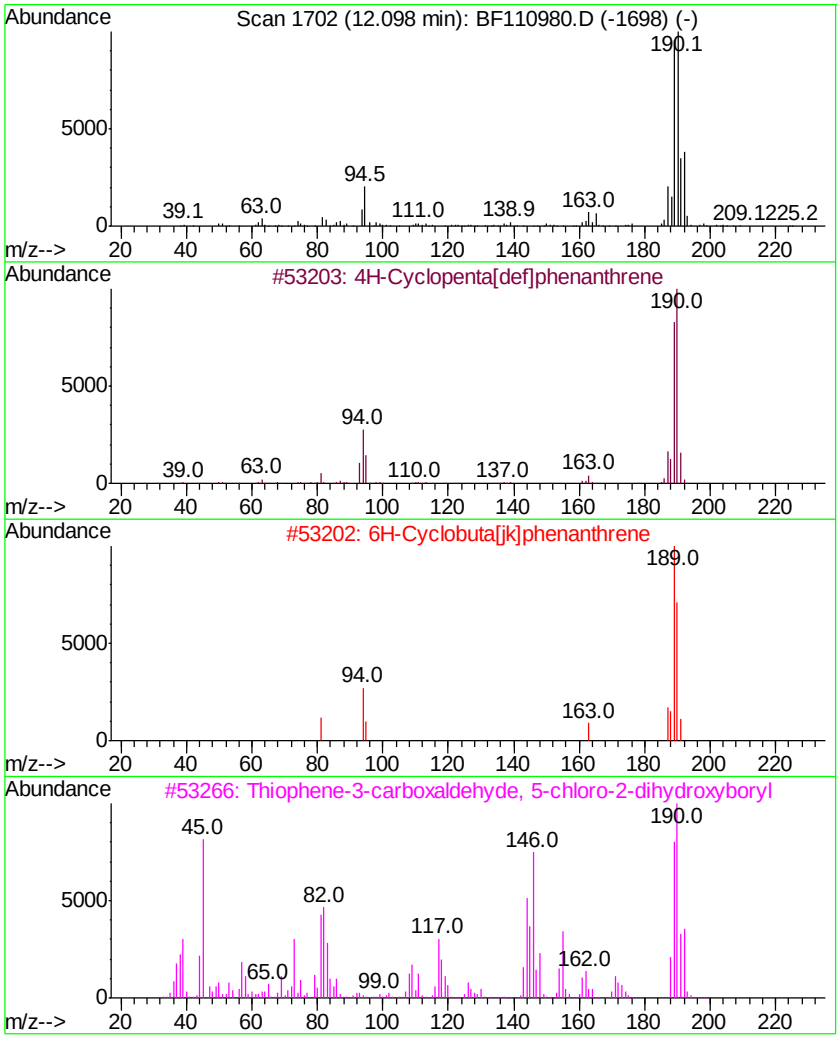
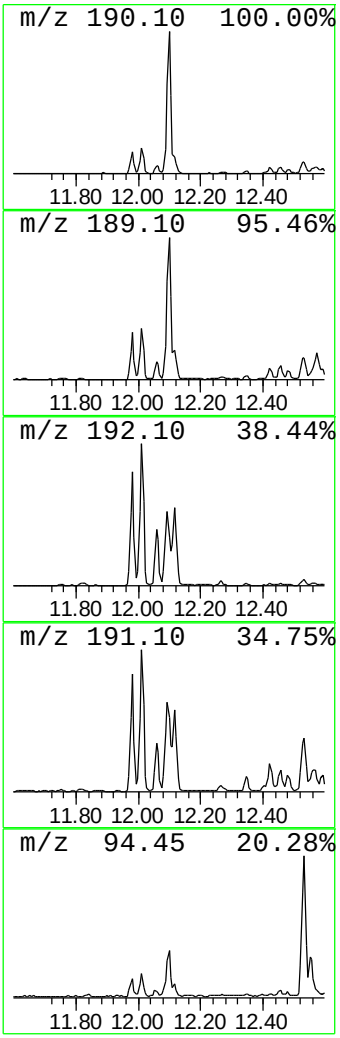
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	43.30 ng	782195	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

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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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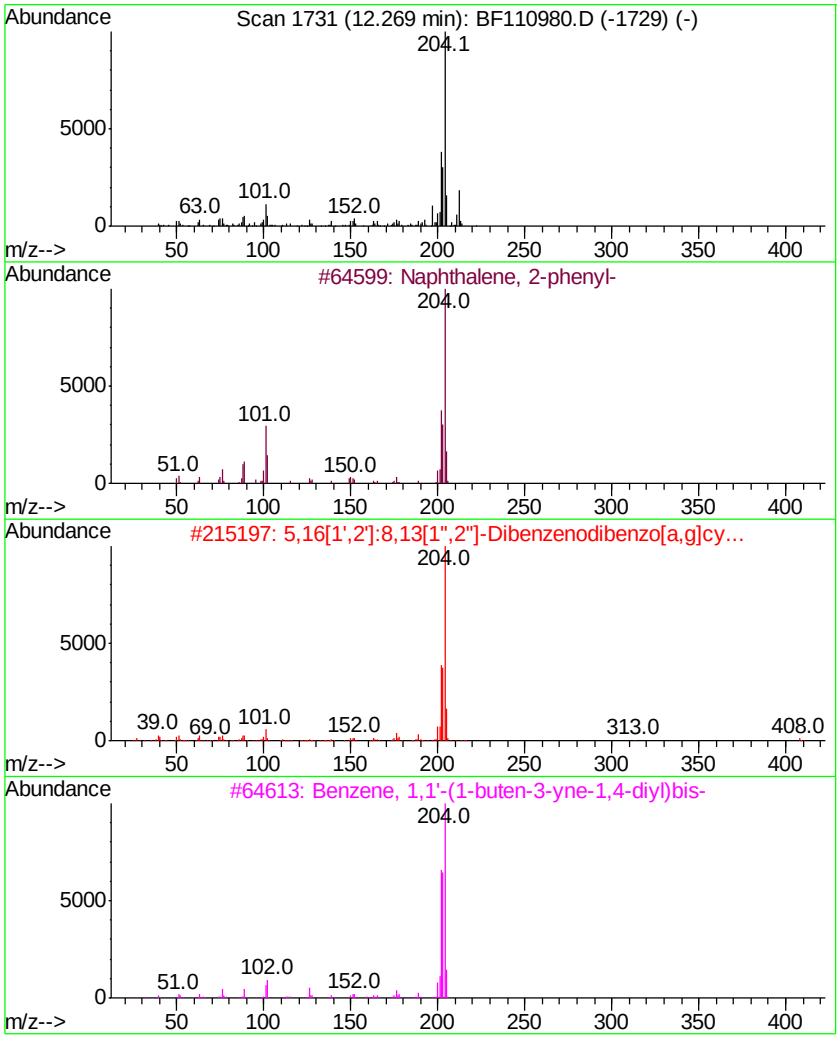
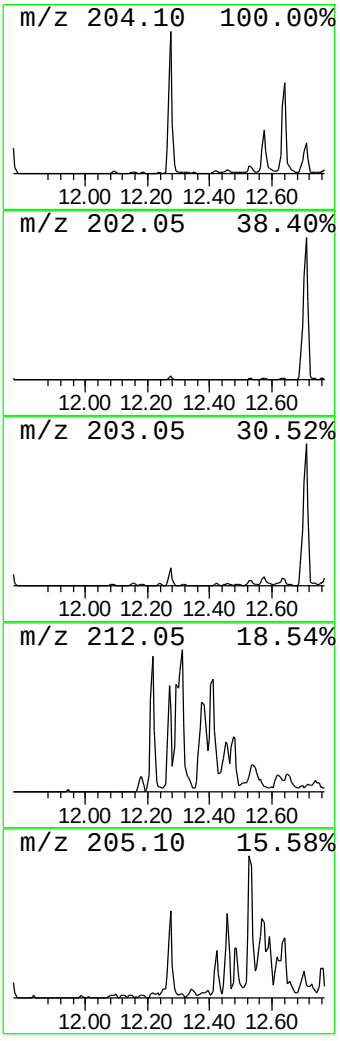
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	13.71 ng	247644	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
5	Levamisole	204	C11H12N2S	014769-73-4	50





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-03-112118-B

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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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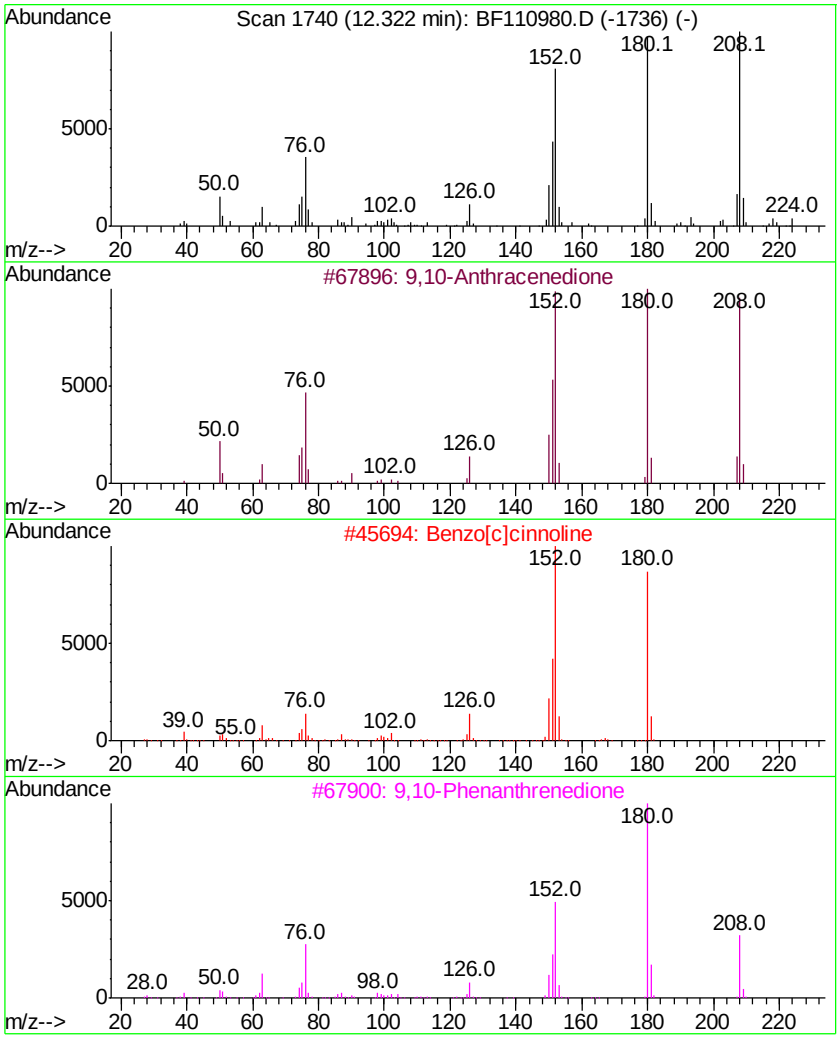
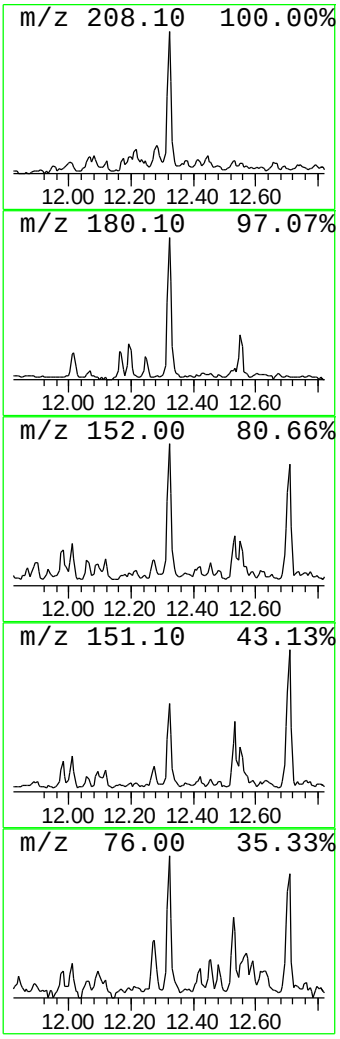
Peak Number 13 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	7.36 ng	133030	Phenanthrene-d10	11.48

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	96
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

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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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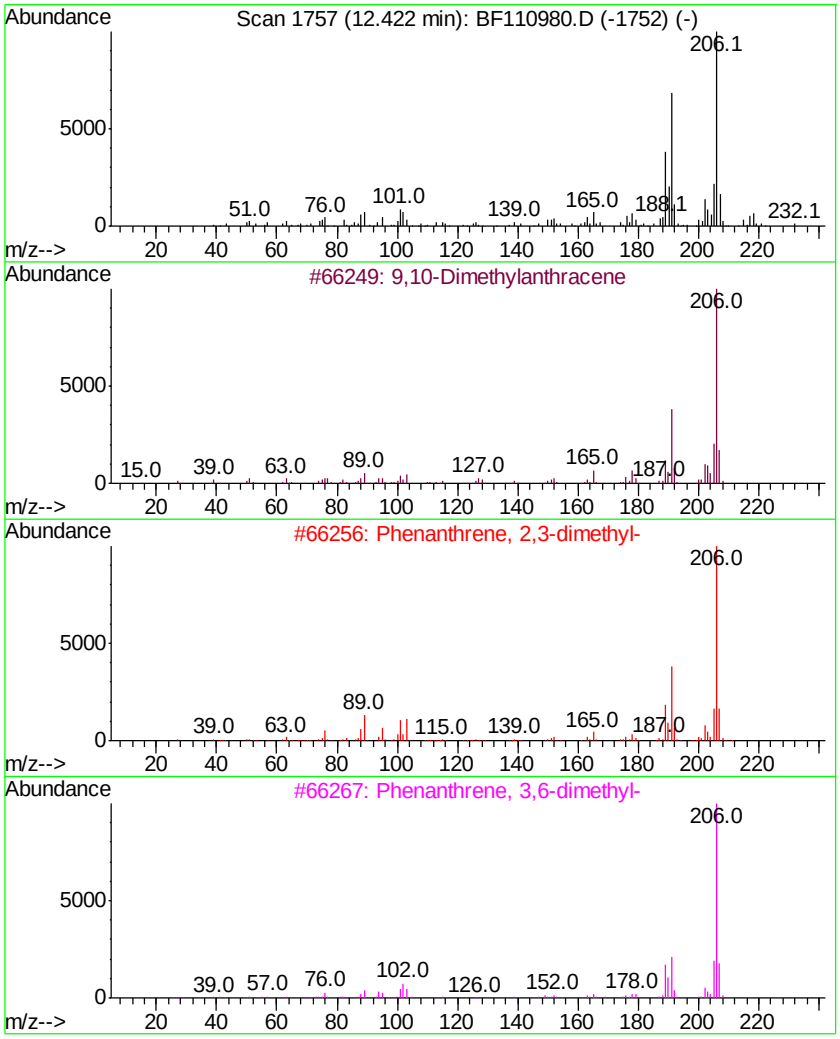
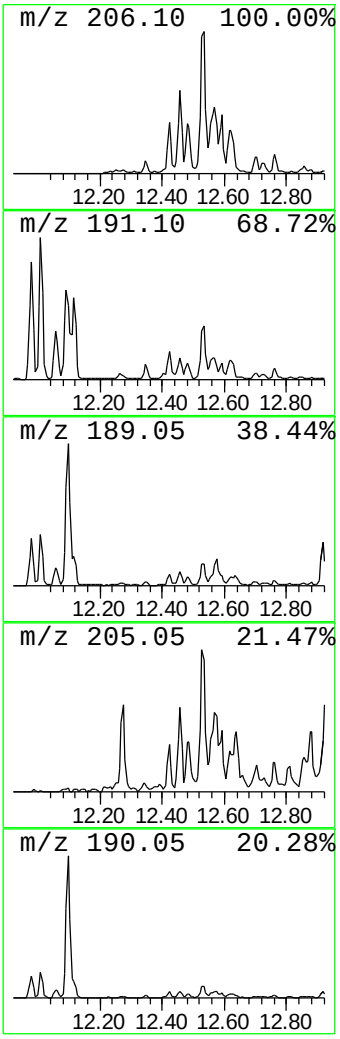
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	8.51 ng	153692	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	89





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

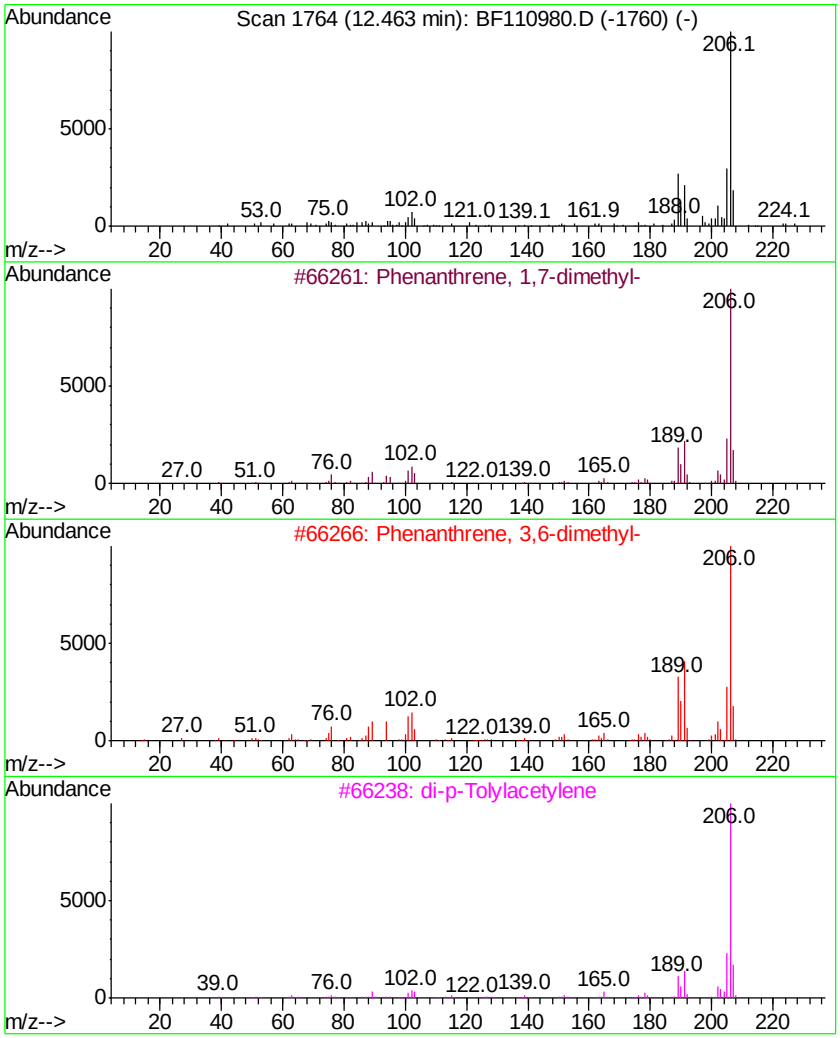
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

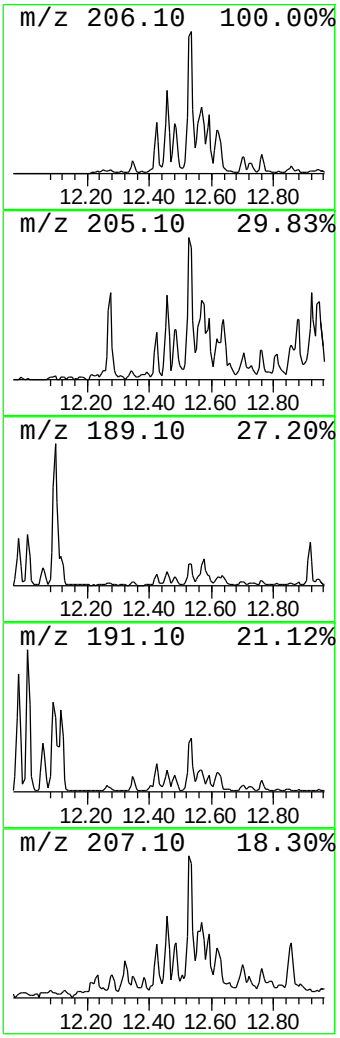
****

Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	7.33 ng	132362	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	76





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Data File : BF110980.D
Acq On : 26 Nov 2018 22:51
Operator : JU/SJ
Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

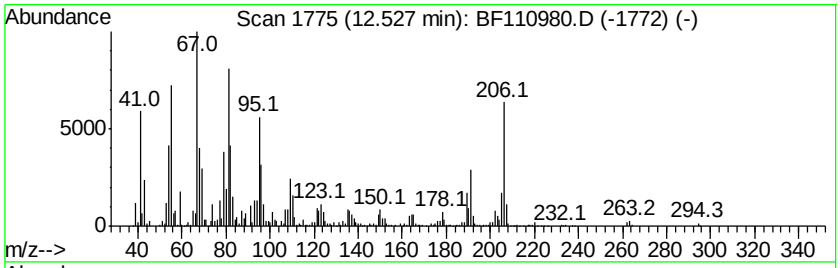
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

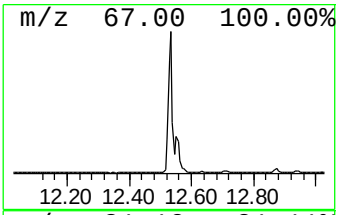
****

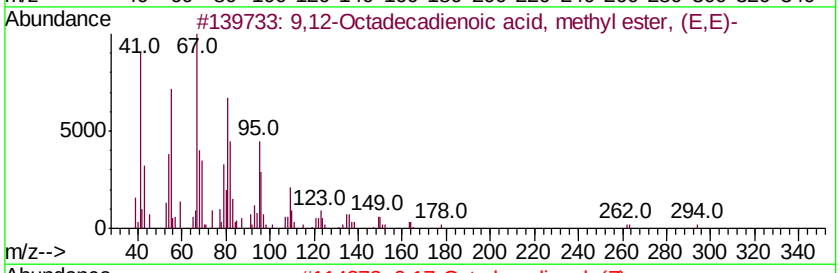
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

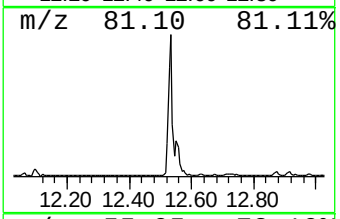
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	113.94 ng	2058130	Phenanthrene-d10	11.48

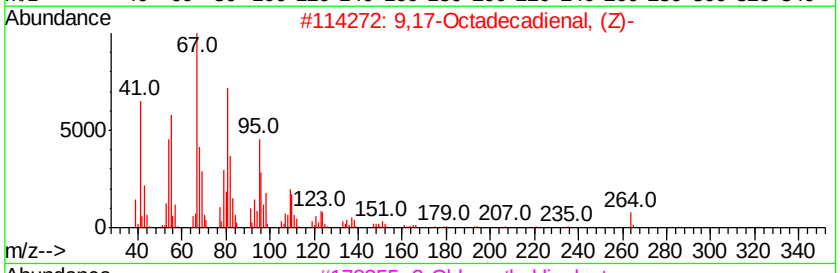
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	92
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	81
4	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	76
5	7-Hexadecyne	222	C16H30	074685-28-2	62

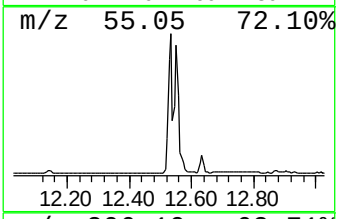


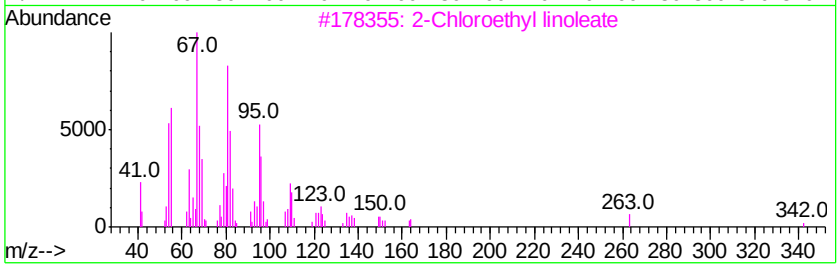


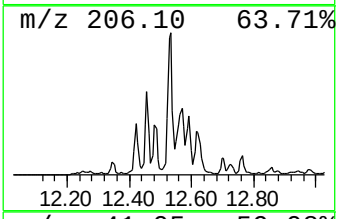


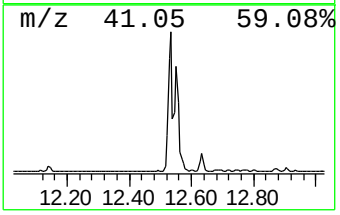












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Data File : BF110980.D
Acq On : 26 Nov 2018 22:51
Operator : JU/SJ
Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

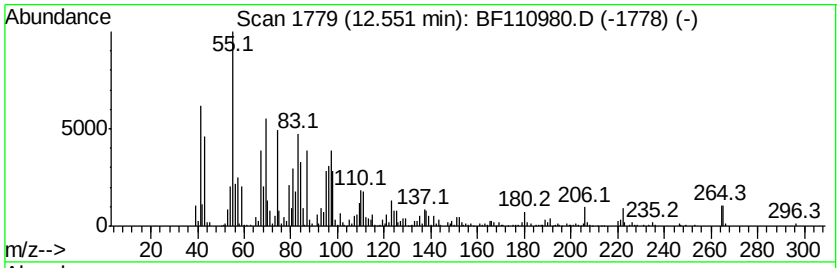
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

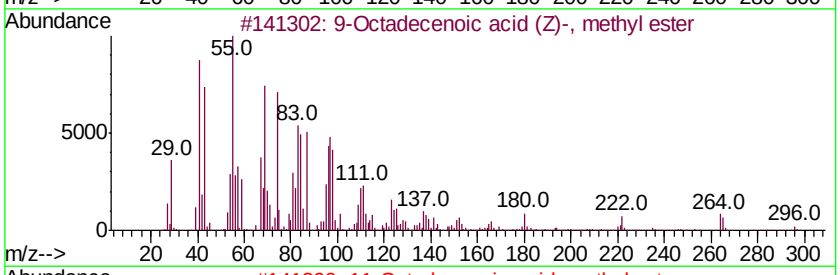
****

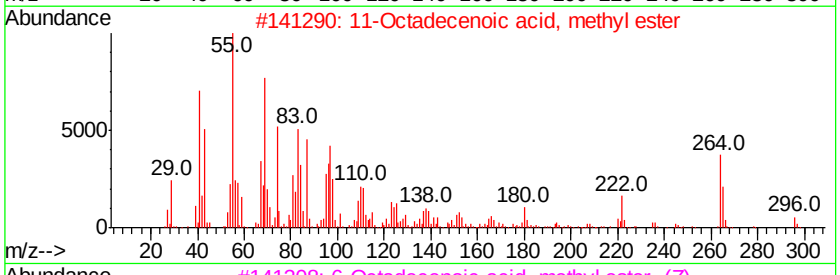
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

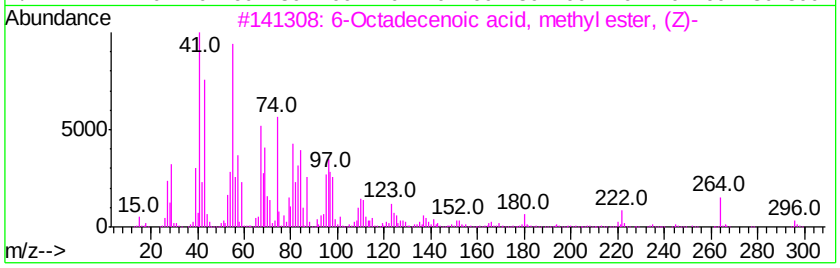
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	64.63 ng	1167500	Phenanthrene-d10	11.48

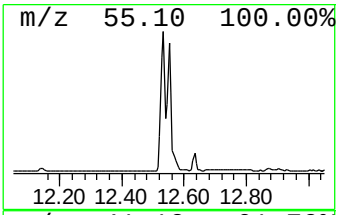
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99

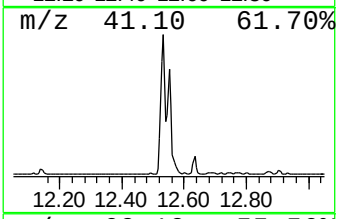


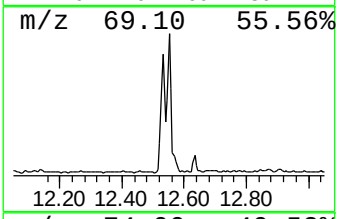


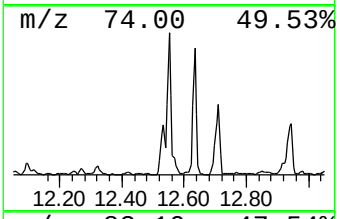


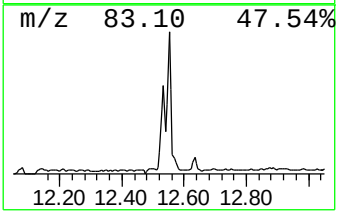












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Operator : JU/SJ
Sample : J5774-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

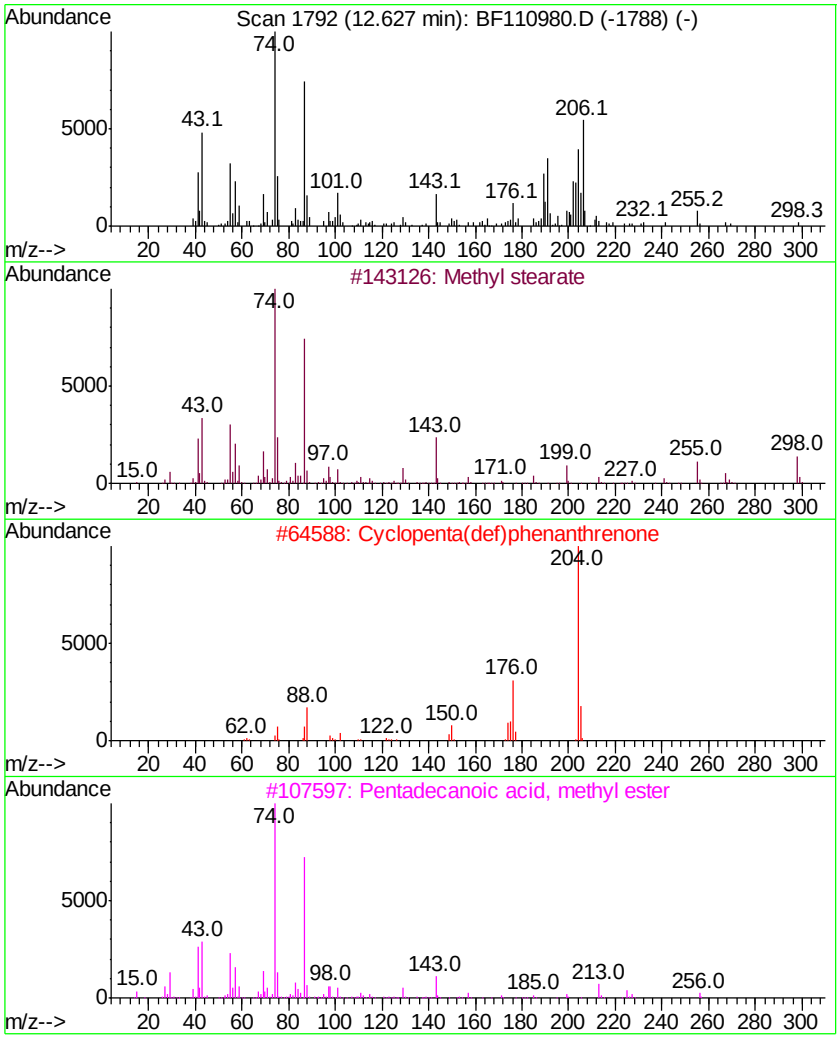
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

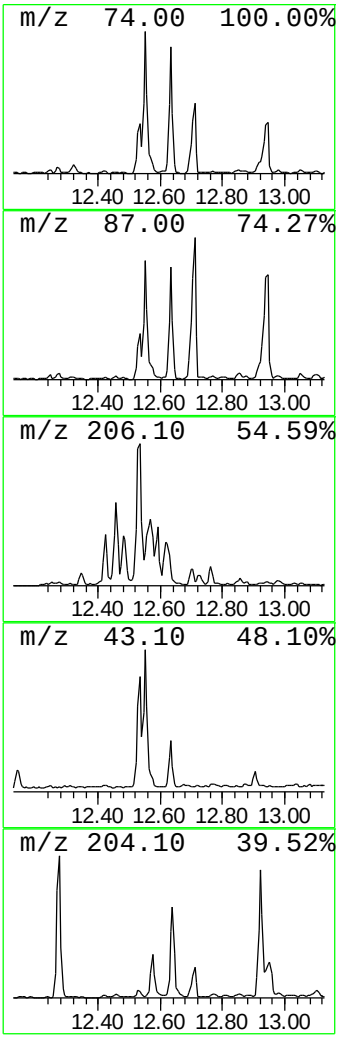
****

Peak Number 18 Methyl stearate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	26.92 ng	486281	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	90
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	48
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	41
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	38
5	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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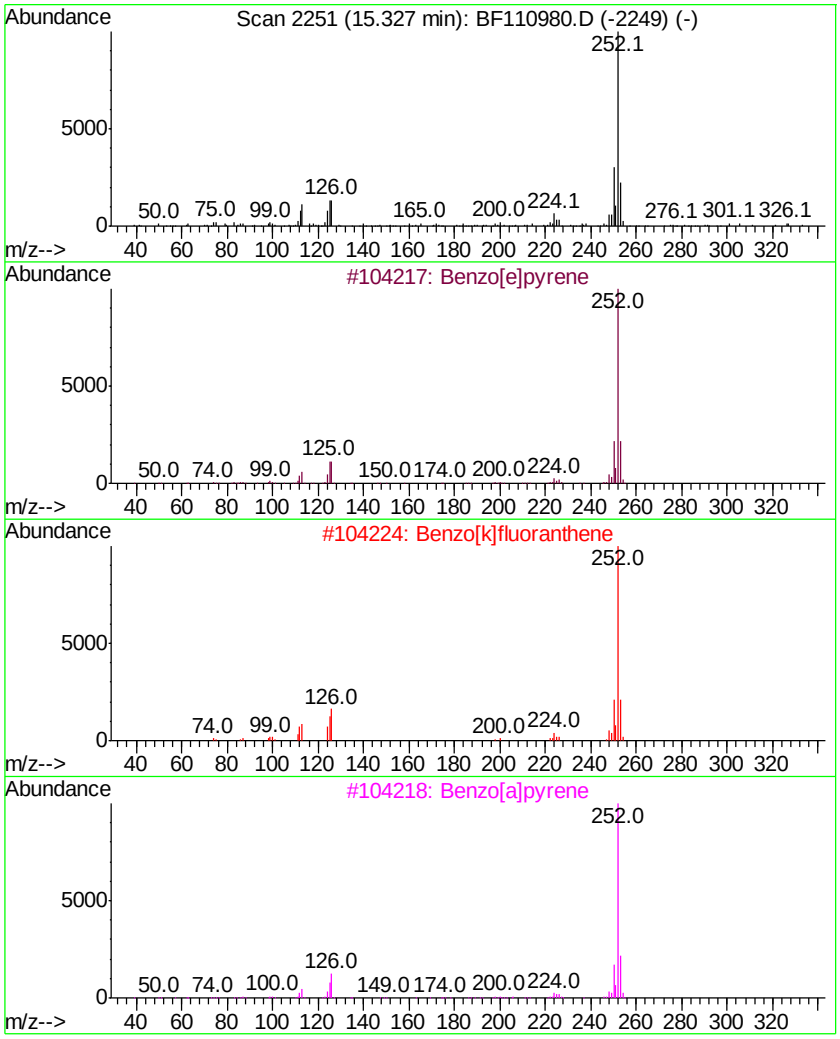
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

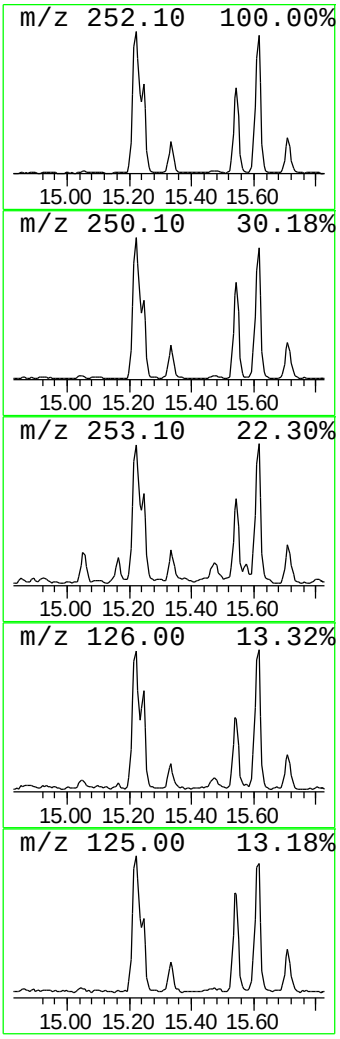
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	18.11 ng	161042	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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Data File : BF110980.D
Acq On : 26 Nov 2018 22:51
Operator : JU/SJ
Sample : J5774-07 2X
Misc :
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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
unknown6.71	6.71	42.3	ng	684042	1	6.94	323555	20.0
Naphthalene, 2,3-...	9.63	7.9	ng	148014	3	9.98	372951	20.0
9H-Fluorene, 2-me...	11.08	9.8	ng	176413	4	11.48	361263	20.0
Tetradecane	11.31	9.0	ng	163298	4	11.48	361263	20.0
Naphtho[2,1-b]thi...	11.37	10.7	ng	193439	4	11.48	361263	20.0
Hexadecanoic acid...	11.84	22.9	ng	413647	4	11.48	361263	20.0
Phenanthrene, 1-m...	11.98	25.8	ng	465924	4	11.48	361263	20.0
Phenanthrene, 2-m...	12.01	28.0	ng	505207	4	11.48	361263	20.0
Anthracene, 2-met...	12.06	11.6	ng	210293	4	11.48	361263	20.0
4H-Cyclopenta[def...	12.10	43.3	ng	782195	4	11.48	361263	20.0
Naphthalene, 2-ph...	12.27	13.7	ng	247644	4	11.48	361263	20.0
9,10-Anthracenedione	12.32	7.4	ng	133030	4	11.48	361263	20.0
9,10-Dimethylanth...	12.42	8.5	ng	153692	4	11.48	361263	20.0
Phenanthrene, 1,7...	12.46	7.3	ng	132362	4	11.48	361263	20.0
9,12-Octadecadien...	12.53	113.9	ng	2058130	4	11.48	361263	20.0
9-Octadecenoic ac...	12.55	64.6	ng	1167500	4	11.48	361263	20.0
Methyl stearate	12.63	26.9	ng	486281	4	11.48	361263	20.0
Benzo[e]pyrene	15.33	18.1	ng	161042	6	15.67	177846	20.0