LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114349.D
Acq On : 17 May 2019 15:01
Operator : JU/SJ
Sample : K2644-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-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-BF051019.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	3.898	304	308	318	rVB	61176	91973	2.17%	0.134%
2	5.475	572	576	598	rBV	3986173	3995840	94.25%	5.801%
3	6.492	744	749	767	rBV	3751855	4239678	100.00%	6.155%
4	6.622	767	771	774	rBV	4385417	4009527	94.57%	5.821%
5	6.845	805	809	816	rBV	2592013	2161508	50.98%	3.138%
6	7.004	832	836	839	rBV	3231320	3102261	73.17%	4.504%
7	7.404	900	904	917	rBV	2688997	2614815	61.67%	3.796%
8	8.127	1023	1027	1049	rVB	2997406	2896101	68.31%	4.205%
9	8.839	1145	1148	1153	rBV	101771	103184	2.43%	0.150%
10	8.939	1161	1165	1172	rBV	104505	114785	2.71%	0.167%
11	9.198	1205	1209	1216	rBV	4866917	4228954	99.75%	6.140%
12	9.469	1248	1255	1259	rBV3	40303	61796	1.46%	0.090%
13	9.539	1264	1267	1269	rVV	58529	62948	1.48%	0.091%
14	9.592	1273	1276	1284	rVB	660852	601676	14.19%	0.874%
15	9.810	1310	1313	1317	rVB	59273	48153	1.14%	0.070%
16	9.880	1321	1325	1328	rVV2	3514107	3075370	72.54%	4.465%
17	9.910	1328	1330	1334	rVB	425204	335488	7.91%	0.487%
18	10.086	1355	1360	1364	rBV	166576	157675	3.72%	0.229%
19	10.304	1395	1397	1400	rVB	92898	72482	1.71%	0.105%
20	10.427	1415	1418	1424	rBV	280006	260299	6.14%	0.378%
21	10.516	1431	1433	1439	rVB3	42598	57584	1.36%	0.084%
22	10.669	1455	1459	1470	rVB	2836930	2815086	66.40%	4.087%
23	10.780	1475	1478	1479	rBV	85050	76508	1.80%	0.111%
24	10.974	1507	1511	1514	rBV3	47119	63114	1.49%	0.092%
25	11.227	1549	1554	1556	rBV2	115123	113857	2.69%	0.165%
26	11.263	1556	1560	1564	rVB3	139663	157008	3.70%	0.228%
27	11.368	1574	1578	1580	rBV	3649198	3357437	79.19%	4.874%
28	11.392	1580	1582	1585	rVV	1759052	1397229	32.96%	2.028%
29	11.445	1587	1591	1594	rVV	440374	456322	10.76%	0.662%
30	11.480	1594	1597	1602	rVB	57605	75735	1.79%	0.110%
31	11.598	1614	1617	1624	rBV	322605	333479	7.87%	0.484%
32	11.651	1624	1626	1629	rBV2	101859	89989	2.12%	0.131%
33	11.751	1640	1643	1646	rBV	1042994	803415	18.95%	1.166%
34	11.868	1659	1663	1665	rBV	148355	163241	3.85%	0.237%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2644-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.892	1665	1667	1674	rVB2	313877	357302	8.43%	0.519%
36	11.945	1674	1676	1679	rVB	63404	50278	1.19%	0.073%
37	11.980	1679	1682	1685	rBV	293744	306034	7.22%	0.444%
38	12.057	1692	1695	1700	rBV2	95353	119484	2.82%	0.173%
39	12.098	1700	1702	1709	rVV5	34863	59741	1.41%	0.087%
40	12.163	1710	1713	1716	rVV	97390	94673	2.23%	0.137%
41	12.198	1716	1719	1723	rVB2	54668	56868	1.34%	0.083%
42	12.439	1754	1760	1761	rBV	2130515	1896984	44.74%	2.754%
43	12.457	1761	1763	1770	rVB	2916036	2893152	68.24%	4.200%
44	12.545	1775	1778	1781	rVB	441671	382355	9.02%	0.555%
45	12.580	1781	1784	1788	rBV	1997294	1732086	40.85%	2.515%
46	12.674	1797	1800	1804	rBV4	57626	66085	1.56%	0.096%
47	12.768	1813	1816	1818	rBV3	42957	58052	1.37%	0.084%
48	12.810	1818	1823	1830	rVV	1518433	1741306	41.07%	2.528%
49	12.862	1830	1832	1836	rVB2	64455	78252	1.85%	0.114%
50	12.951	1841	1847	1850	rBV	4229767	3865777	91.18%	5.612%
51	12.974	1850	1851	1855	rVB	86479	67972	1.60%	0.099%
52	13.033	1856	1861	1864	rBV3	82429	158195	3.73%	0.230%
53	13.139	1872	1879	1882	rBV	285852	374149	8.82%	0.543%
54	13.174	1882	1885	1887	rBV	114137	110455	2.61%	0.160%
55	13.204	1887	1890	1893	rVB	282703	251838	5.94%	0.366%
56	13.245	1894	1897	1899	rBV2	69353	70925	1.67%	0.103%
57	13.374	1916	1919	1924	rBV5	82398	119115	2.81%	0.173%
58	13.421	1924	1927	1930	rVB2	80015	81166	1.91%	0.118%
59	13.515	1941	1943	1946	rBV	105018	83572	1.97%	0.121%
60	13.762	1982	1985	1987	rBV	99986	97206	2.29%	0.141%
61	13.786	1987	1989	1991	rVB	95701	75269	1.78%	0.109%
62	13.815	1991	1994	1997	rBV2	92669	148229	3.50%	0.215%
63	13.845	1997	1999	2001	rBV2	92583	79206	1.87%	0.115%
64	13.868	2001	2003	2006	rBV3	82824	105225	2.48%	0.153%
65	14.015	2023	2028	2031	rBV2	2885097	3305380	77.96%	4.799%
66	14.039	2031	2032	2041	rVB	747002	521578	12.30%	0.757%
67	14.121	2043	2046	2049	rVB	162948	127244	3.00%	0.185%
68	14.168	2051	2054	2057	rBV	180721	172841	4.08%	0.251%
69	14.480	2104	2107	2110	rBV2	210256	188736	4.45%	0.274%
70	14.792	2157	2160	2163	rBV	221819	214824	5.07%	0.312%
71	15.074	2204	2208	2215	rBV	626002	1117203	26.35%	1.622%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-051519-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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.127	2215	2217	2223	rVB2	268068	283946	6.70%	0.412%
73	15.180	2224	2226	2234	rVB	126152	164948	3.89%	0.239%
74	15.380	2256	2260	2266	rVB	385075	481236	11.35%	0.699%
75	15.439	2267	2270	2276	rVB	514908	641581	15.13%	0.931%
76	15.509	2276	2282	2285	rBV	2224633	2986013	70.43%	4.335%
77	15.939	2352	2355	2360	rVB	193355	270027	6.37%	0.392%
78	16.986	2529	2533	2538	rVB	177557	291517	6.88%	0.423%
79	17.433	2606	2609	2618	rVB	182921	338156	7.98%	0.491%

Sum of corrected areas: 68880698

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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Misc :
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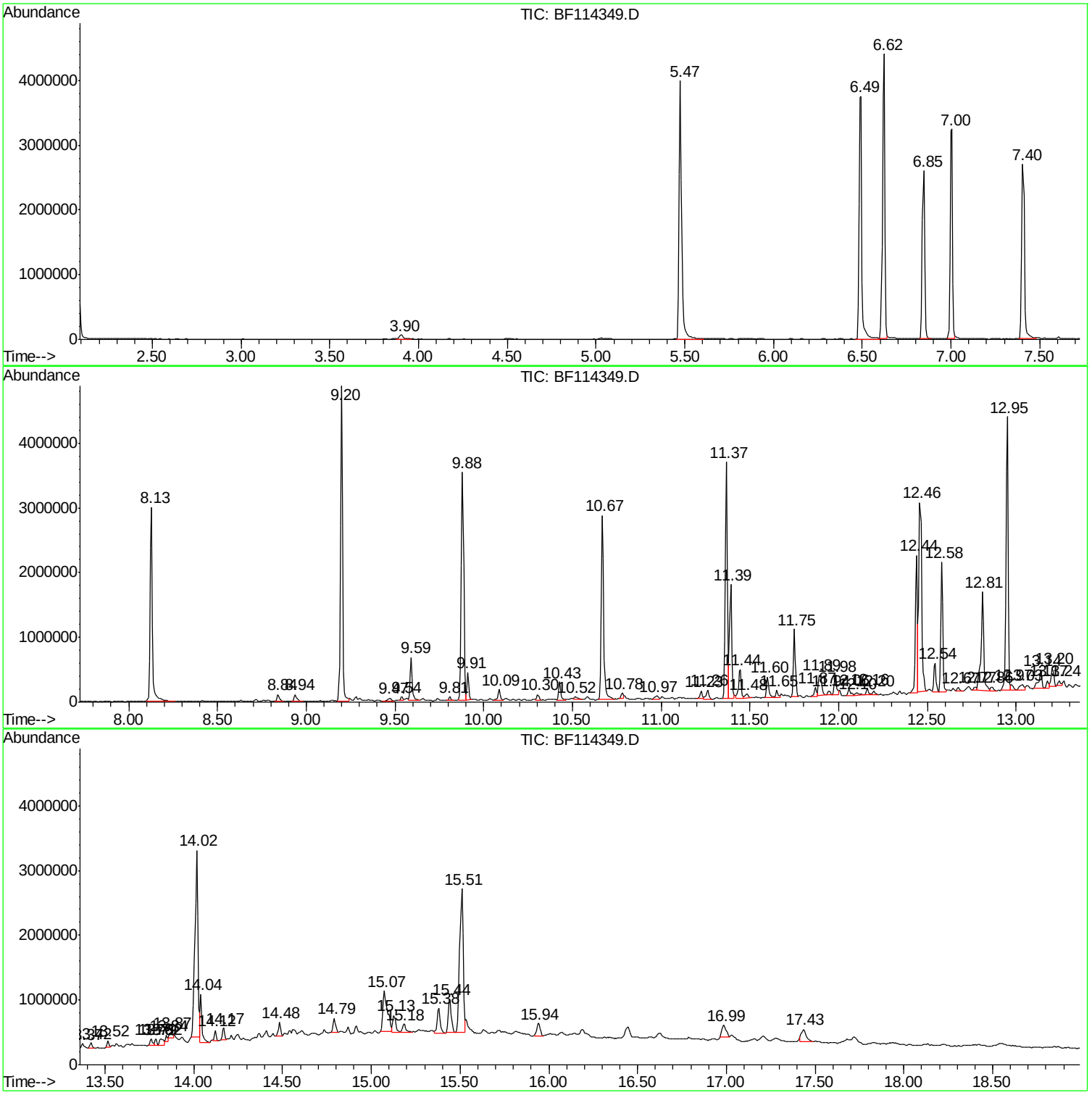
Instrument :
BNA_F
ClientSampleId :
EO-01-051519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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Sample : K2644-03 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

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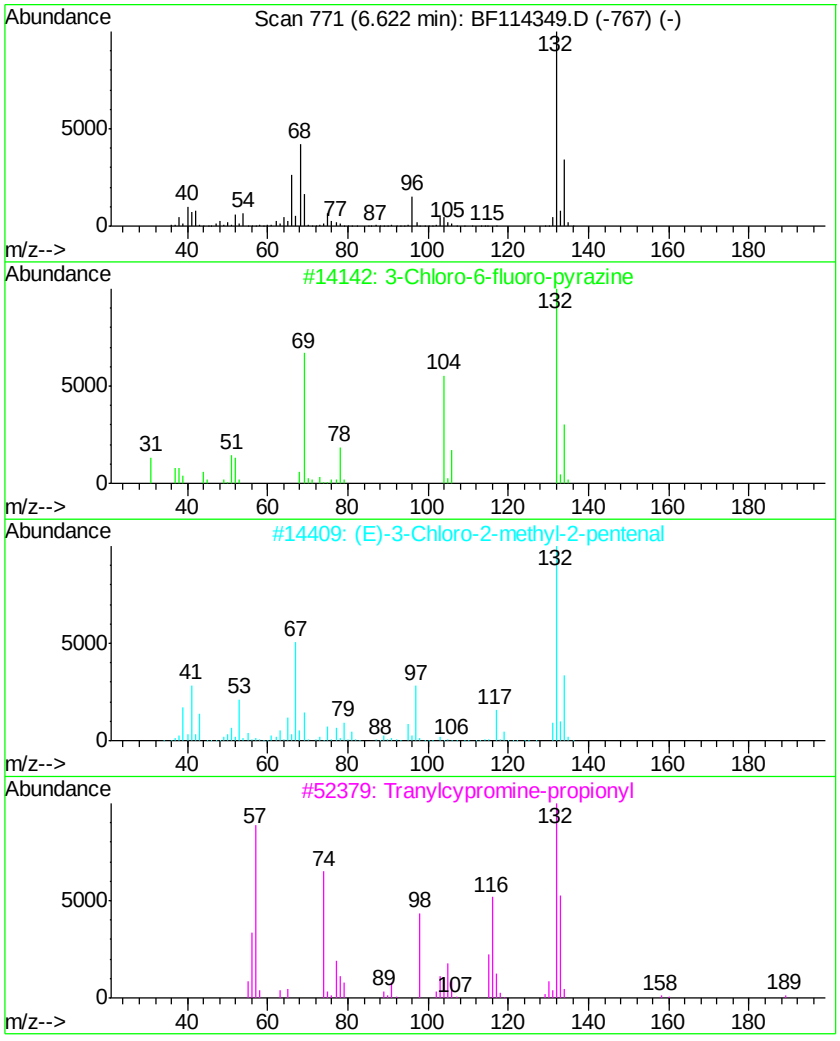
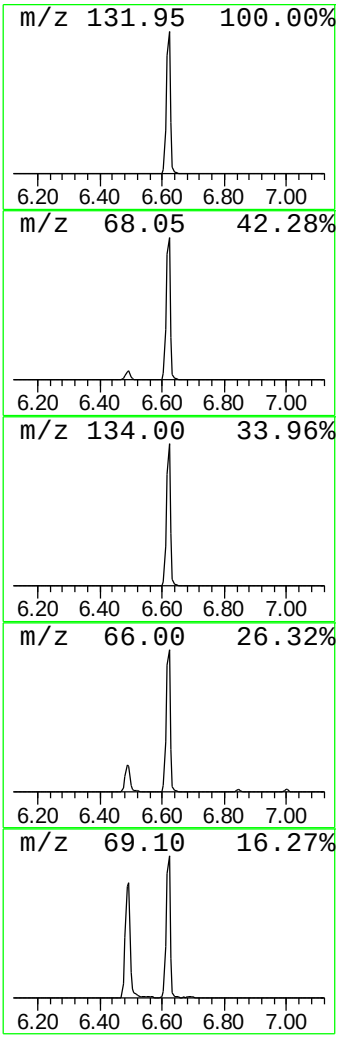
Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	37.10 ng	4009530	1,4-Dichlorobenzene-d4	6.85

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

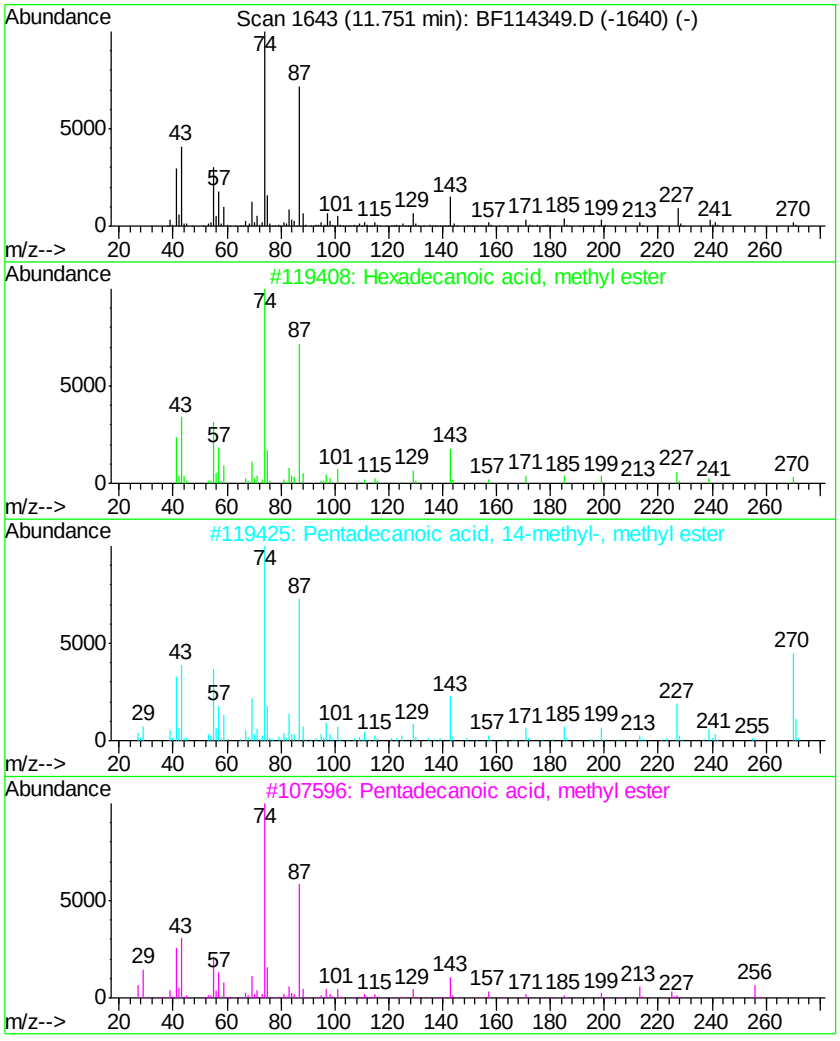
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

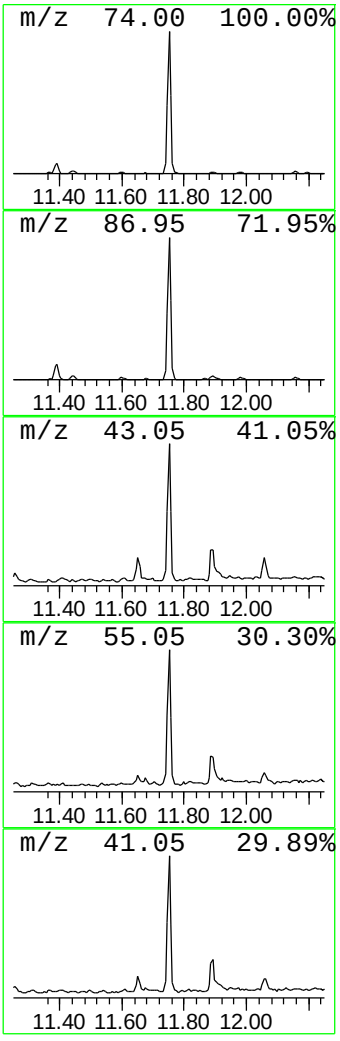
****

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.79 ng	803415	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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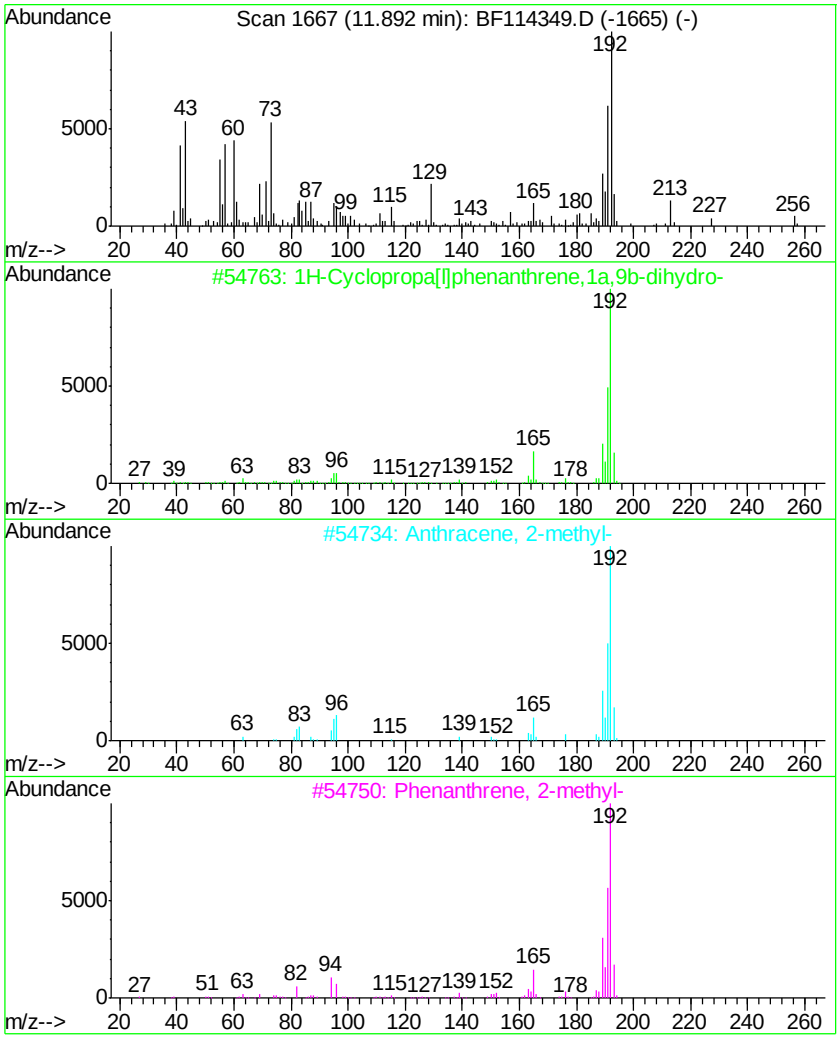
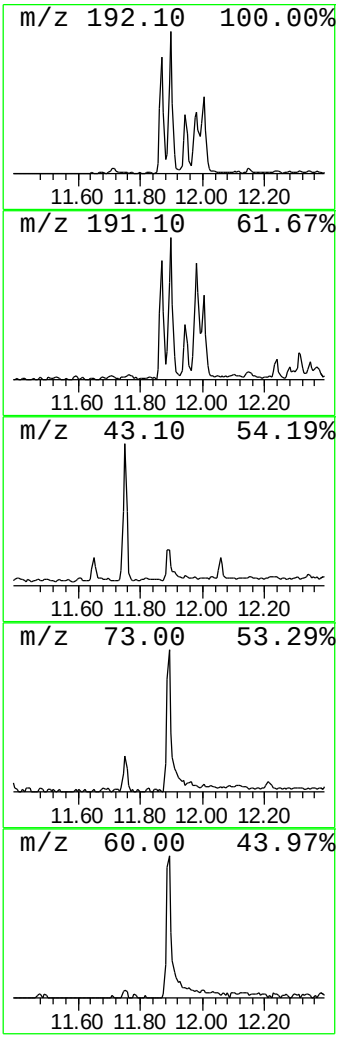
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.13 ng	357302	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78





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TIC Library : C:\DATABASE\NIST11.L
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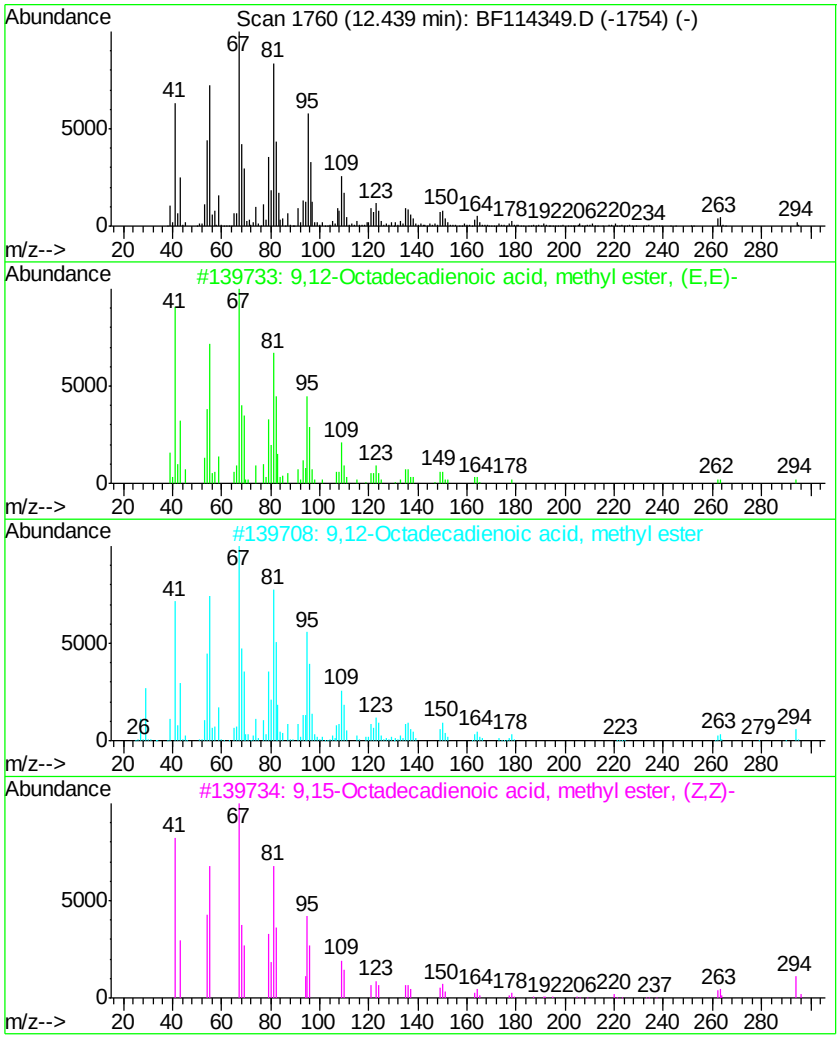
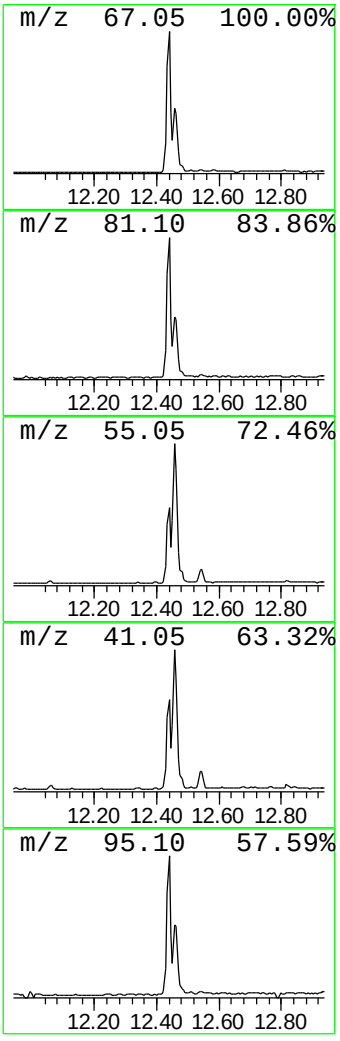
Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	11.30 ng	1896980	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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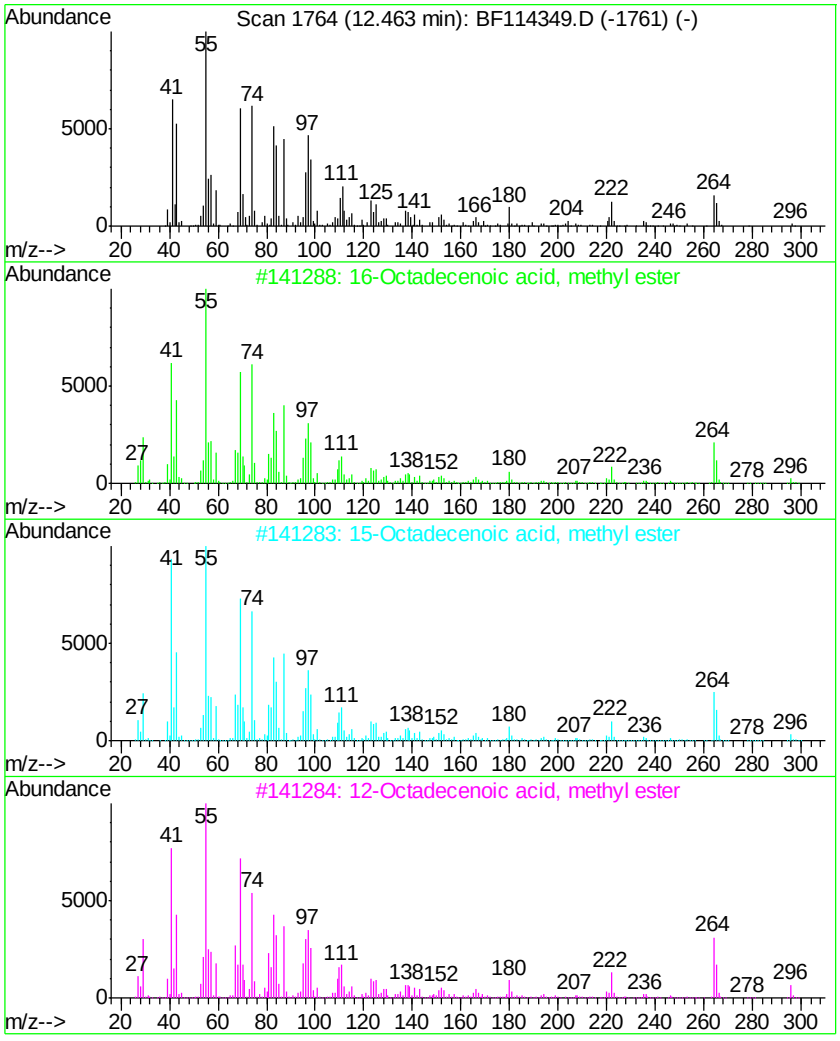
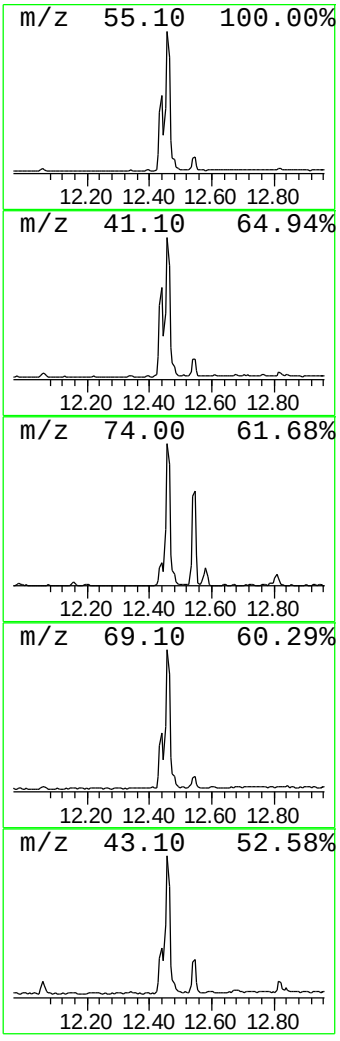
****

Peak Number 6 16-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	17.23 ng	2893150	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	95
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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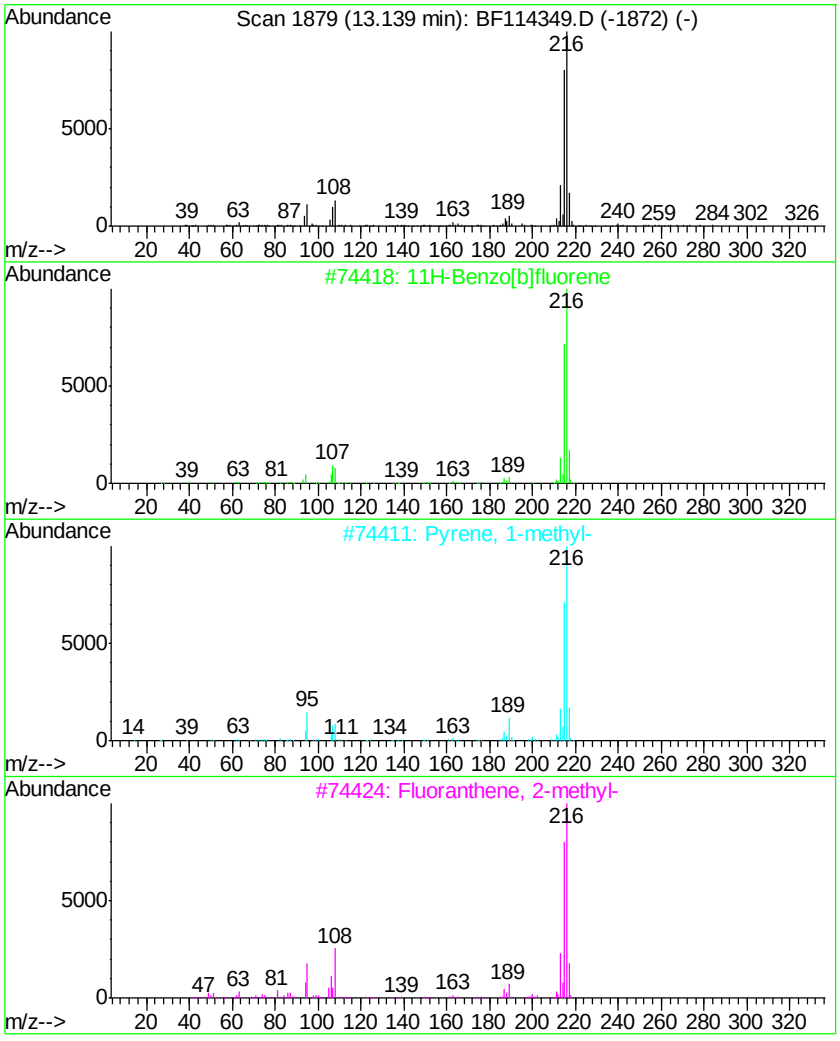
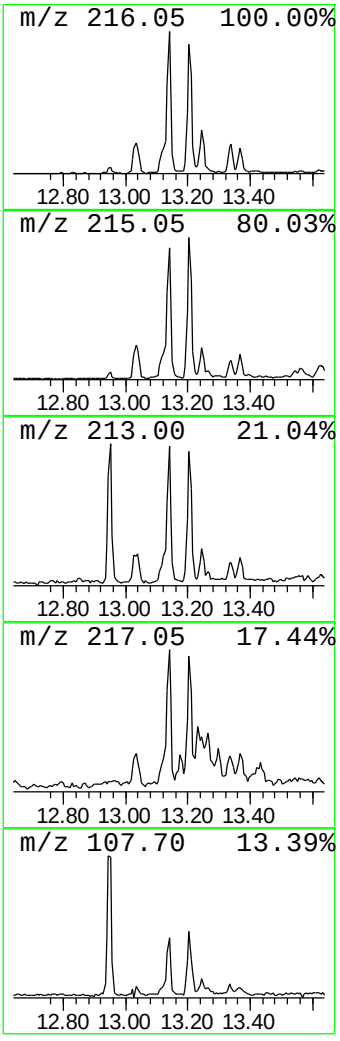
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	2.26 ng	374149	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114349.D
Acq On : 17 May 2019 15:01
Operator : JU/SJ
Sample : K2644-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

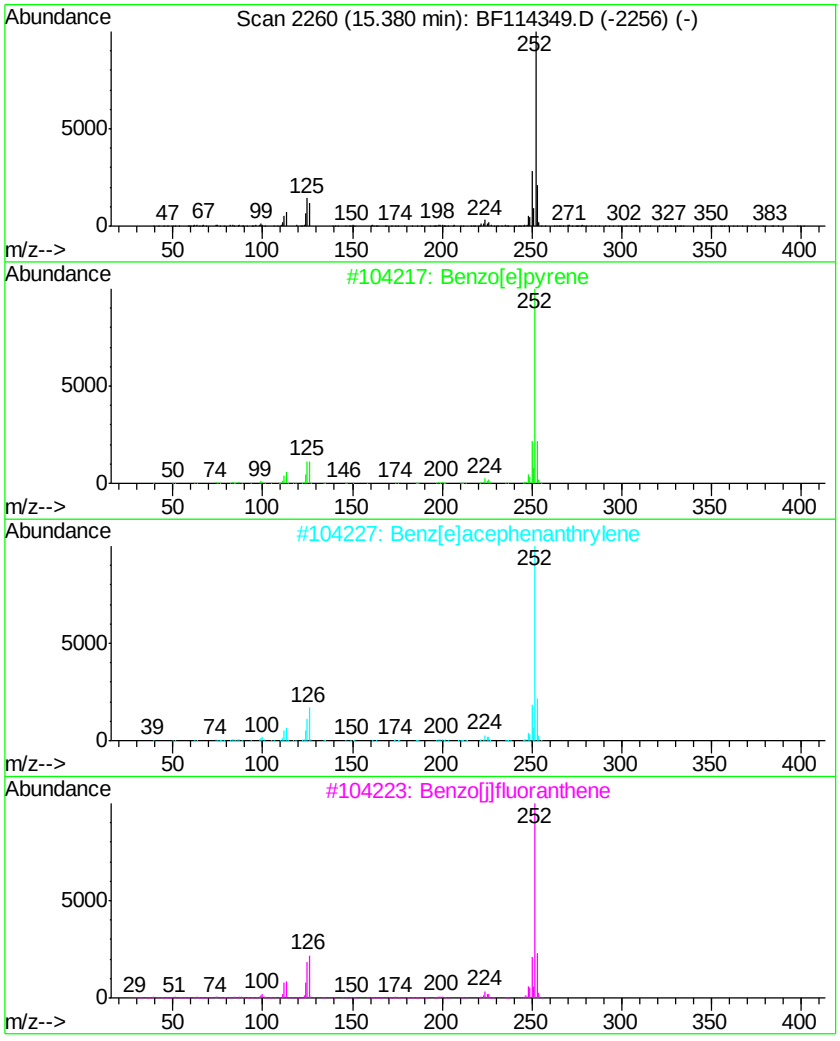
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

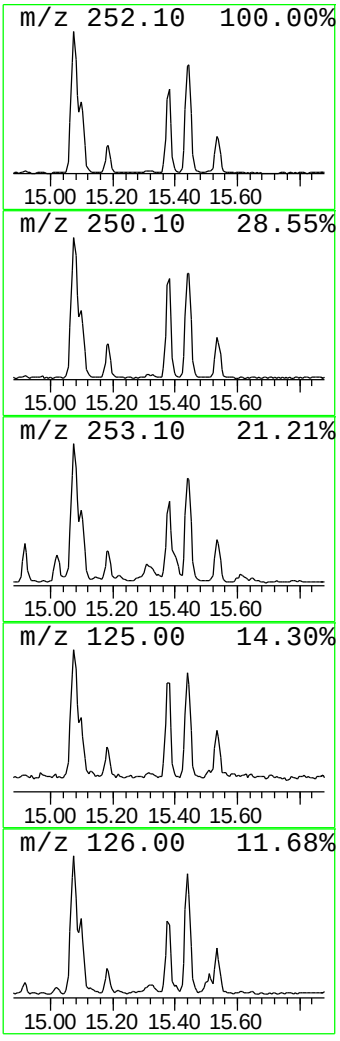
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	3.22 ng	481236	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114349.D
Acq On : 17 May 2019 15:01
Operator : JU/SJ
Sample : K2644-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.62	6.62	37.1	ng	4009530	1	6.85	2161510	20.0
Hexadecanoic acid...	11.75	4.8	ng	803415	4	11.37	3357440	20.0
1H-Cyclopropa[l]p...	11.89	2.1	ng	357302	4	11.37	3357440	20.0
9,12-Octadecadien...	12.44	11.3	ng	1896980	4	11.37	3357440	20.0
16-Octadecenoic a...	12.46	17.2	ng	2893150	4	11.37	3357440	20.0
11H-Benzo[b]fluorene	13.14	2.3	ng	374149	5	14.02	3305380	20.0
Benzo[e]pyrene	15.38	3.2	ng	481236	6	15.51	2986010	20.0