LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109585.D
Acq On : 4 Oct 2018 14:37
Operator : JU/SJ
Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

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-BF092218.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	5.310	545	548	564	rBV	771784	870004	7.38%	1.241%
2	6.340	720	723	742	rBV	834811	1061943	9.01%	1.514%
3	6.469	742	745	755	rVV	1033743	1006436	8.53%	1.435%
4	6.704	781	785	794	rBV	599722	661339	5.61%	0.943%
5	6.857	807	811	826	rBV	917360	813732	6.90%	1.160%
6	7.263	876	880	887	rBV	548023	575306	4.88%	0.820%
7	7.981	998	1002	1010	rBV2	887294	1075917	9.12%	1.534%
8	8.792	1136	1140	1145	rBV2	122597	222719	1.89%	0.318%
9	9.057	1181	1185	1190	rBV	1341054	1174949	9.96%	1.675%
10	9.151	1197	1201	1204	rBV2	164257	162523	1.38%	0.232%
11	9.316	1224	1229	1236	rBV3	90858	190651	1.62%	0.272%
12	9.392	1236	1242	1245	rVV3	144493	238648	2.02%	0.340%
13	9.451	1249	1252	1257	rVV2	164276	295160	2.50%	0.421%
14	9.522	1260	1264	1267	rVB3	83695	134278	1.14%	0.191%
15	9.675	1288	1290	1293	rBV	271530	221571	1.88%	0.316%
16	9.733	1294	1300	1303	rBV	1051664	1010779	8.57%	1.441%
17	9.763	1303	1305	1309	rVB	232808	199346	1.69%	0.284%
18	9.939	1332	1335	1338	rVB	238226	220685	1.87%	0.315%
19	10.175	1372	1375	1378	rVB	390767	286524	2.43%	0.409%
20	10.275	1389	1392	1399	rBV	484188	535223	4.54%	0.763%
21	10.392	1409	1412	1417	rVV	144282	173415	1.47%	0.247%
22	10.439	1417	1420	1424	rVB2	100439	129446	1.10%	0.185%
23	10.516	1429	1433	1438	rBV2	637988	674026	5.72%	0.961%
24	10.645	1452	1455	1462	rVB	490181	537261	4.56%	0.766%
25	11.092	1528	1531	1533	rVV	419827	394318	3.34%	0.562%
26	11.122	1535	1536	1542	rVB	195620	154637	1.31%	0.221%
27	11.216	1548	1552	1553	rBV	690850	707118	6.00%	1.008%
28	11.239	1553	1556	1560	rVV	2224338	1955362	16.58%	2.788%
29	11.286	1561	1564	1568	rVB	594176	535068	4.54%	0.763%
30	11.445	1586	1591	1593	rBV	152049	181320	1.54%	0.259%
31	11.516	1600	1603	1605	rBV2	333786	271750	2.30%	0.387%
32	11.539	1605	1607	1616	rVB4	111671	155193	1.32%	0.221%
33	11.622	1616	1621	1624	rBV	4713247	4515955	38.30%	6.439%
34	11.710	1633	1636	1639	rBV	229590	239244	2.03%	0.341%

LSC Area Percent Report

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Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.739	1639	1641	1643	rVV	364330	421682	3.58%	0.601%
36	11.757	1643	1644	1647	rVV	422642	333852	2.83%	0.476%
37	11.786	1647	1649	1652	rVV	156034	160137	1.36%	0.228%
38	11.822	1652	1655	1658	rVV	564231	609462	5.17%	0.869%
39	11.845	1658	1659	1665	rVB	212324	172910	1.47%	0.247%
40	11.922	1665	1672	1678	rBV	324732	434116	3.68%	0.619%
41	12.010	1684	1687	1695	rVB3	210608	331949	2.81%	0.473%
42	12.263	1727	1730	1732	rBV	131590	124299	1.05%	0.177%
43	12.322	1732	1740	1741	rBV	6614441	11792370	100.00%	16.815%
44	12.345	1741	1744	1751	rVV	6561331	8000014	67.84%	11.407%
45	12.410	1751	1755	1757	rVV	2533422	2707734	22.96%	3.861%
46	12.427	1757	1758	1762	rVV	2396171	1811137	15.36%	2.583%
47	12.463	1762	1764	1771	rVV3	445864	621675	5.27%	0.886%
48	12.539	1774	1777	1780	rVB	372709	314038	2.66%	0.448%
49	12.657	1791	1797	1799	rBV2	1901041	2442612	20.71%	3.483%
50	12.680	1799	1801	1803	rVB2	190758	155488	1.32%	0.222%
51	12.704	1803	1805	1811	rVB2	102803	150470	1.28%	0.215%
52	12.792	1814	1820	1829	rBV2	810314	1046567	8.87%	1.492%
53	12.874	1829	1834	1837	rBV2	160012	279927	2.37%	0.399%
54	12.957	1845	1848	1850	rBV2	484961	501717	4.25%	0.715%
55	12.980	1850	1852	1856	rVV	569695	550092	4.66%	0.784%
56	13.045	1858	1863	1866	rVV2	636185	755809	6.41%	1.078%
57	13.080	1866	1869	1873	rVV2	239871	262349	2.22%	0.374%
58	13.127	1874	1877	1881	rVB2	247911	228247	1.94%	0.325%
59	13.204	1887	1890	1893	rBV	145121	143557	1.22%	0.205%
60	13.280	1901	1903	1907	rVB5	106009	132269	1.12%	0.189%
61	13.486	1935	1938	1942	rVV	128479	165103	1.40%	0.235%
62	13.545	1945	1948	1952	rVB3	126203	156572	1.33%	0.223%
63	13.592	1952	1956	1958	rBV2	202470	213126	1.81%	0.304%
64	13.698	1971	1974	1980	rVB3	138813	224141	1.90%	0.320%
65	13.792	1987	1990	1992	rBV	198226	154969	1.31%	0.221%
66	13.839	1992	1998	2001	rVV2	1427508	2173762	18.43%	3.100%
67	13.869	2001	2003	2011	rVB	1074165	1100370	9.33%	1.569%
68	13.945	2014	2016	2020	rVV	182824	156451	1.33%	0.223%
69	14.016	2025	2028	2033	rVV3	185029	248041	2.10%	0.354%
70	14.069	2033	2037	2040	rVB2	87633	128039	1.09%	0.183%
71	14.227	2061	2064	2067	rVB	225058	202927	1.72%	0.289%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.321	2074	2080	2083	rBV2	470851	603573	5.12%	0.861%
73	14.410	2092	2095	2104	rVB6	120399	222096	1.88%	0.317%
74	14.616	2126	2130	2138	rBV	545907	586423	4.97%	0.836%
75	14.680	2139	2141	2143	rBV	115651	121852	1.03%	0.174%
76	14.721	2143	2148	2152	rVB2	266028	388623	3.30%	0.554%
77	14.857	2166	2171	2174	rBV	923873	1504967	12.76%	2.146%
78	14.927	2179	2183	2186	rBV2	562519	672274	5.70%	0.959%
79	15.133	2214	2218	2224	rVB	508271	669232	5.68%	0.954%
80	15.192	2224	2228	2233	rBV	780281	960706	8.15%	1.370%
81	15.251	2234	2238	2240	rVV	509933	615661	5.22%	0.878%
82	15.280	2240	2243	2249	rVB	744763	945526	8.02%	1.348%
83	15.680	2306	2311	2316	rVB	362191	527019	4.47%	0.751%
84	15.892	2344	2347	2354	rVB3	99778	176494	1.50%	0.252%
85	16.139	2385	2389	2397	rVB	197811	313898	2.66%	0.448%
86	16.604	2463	2468	2475	rVB2	258787	492845	4.18%	0.703%
87	17.015	2533	2538	2546	rVB	165177	338905	2.87%	0.483%

Sum of corrected areas: 70129920

LSC Report - Integrated Chromatogram

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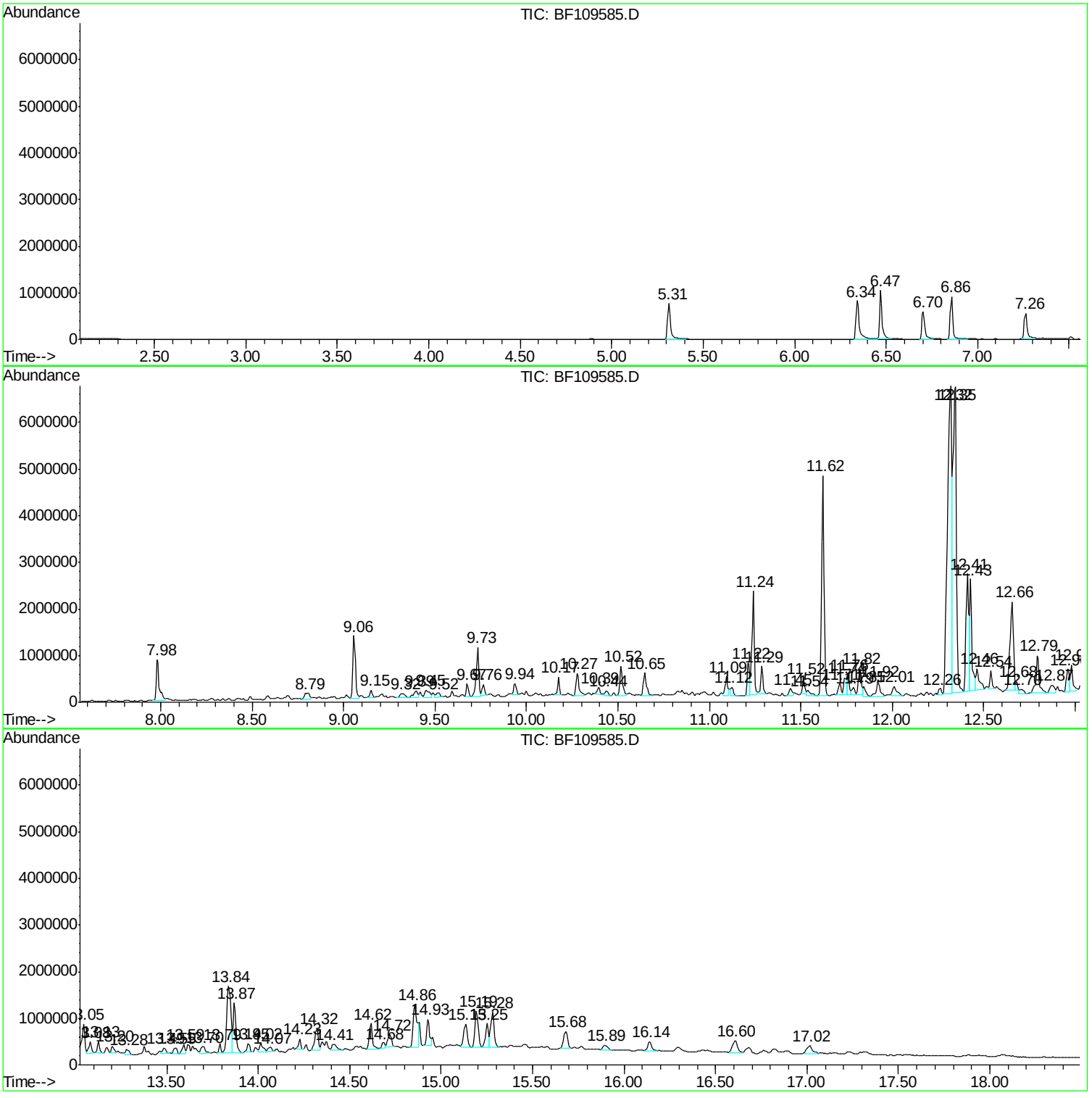
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100418\
Data File : BF109585.D
Acq On : 4 Oct 2018 14:37
Operator : JU/SJ
Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

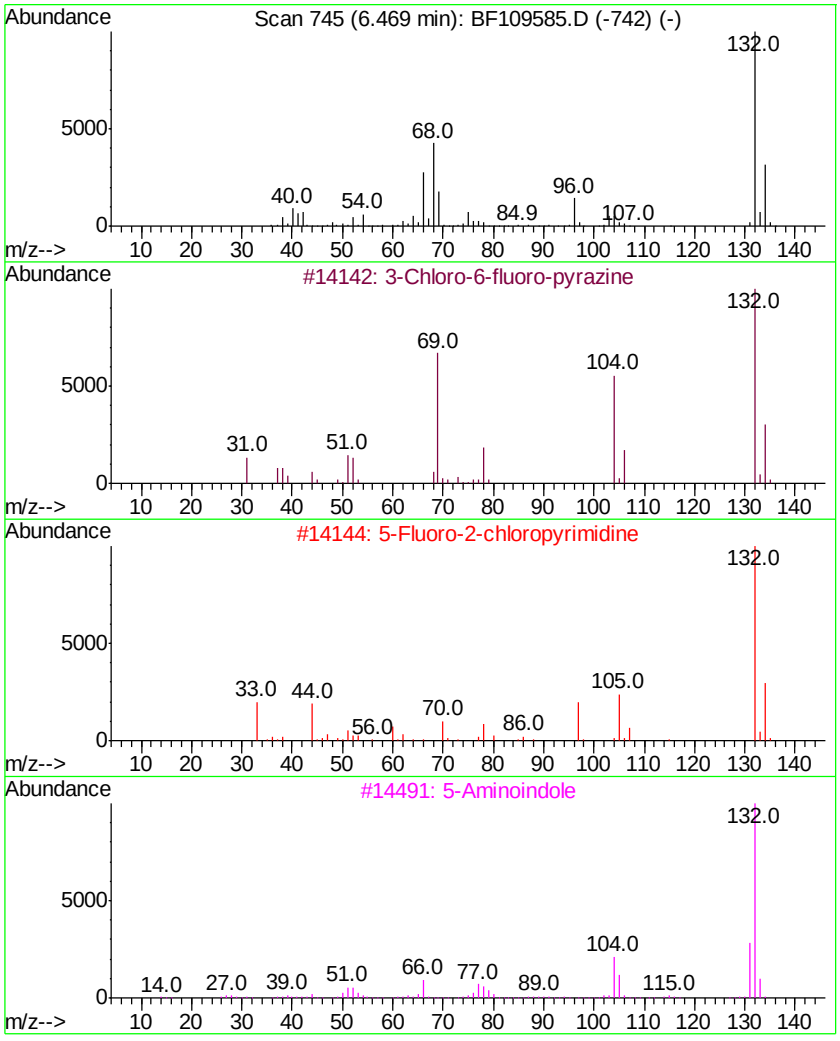
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

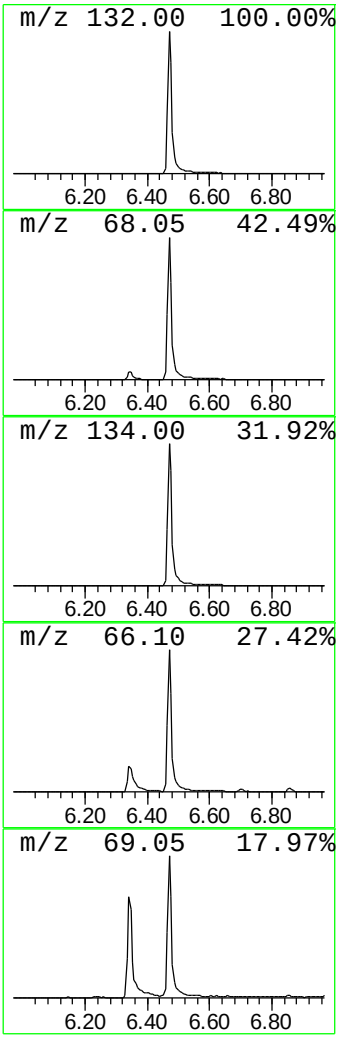
****

Peak Number 1 unknown6.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	30.44 ng	1006440	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Data File : BF109585.D
Acq On : 4 Oct 2018 14:37
Operator : JU/SJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

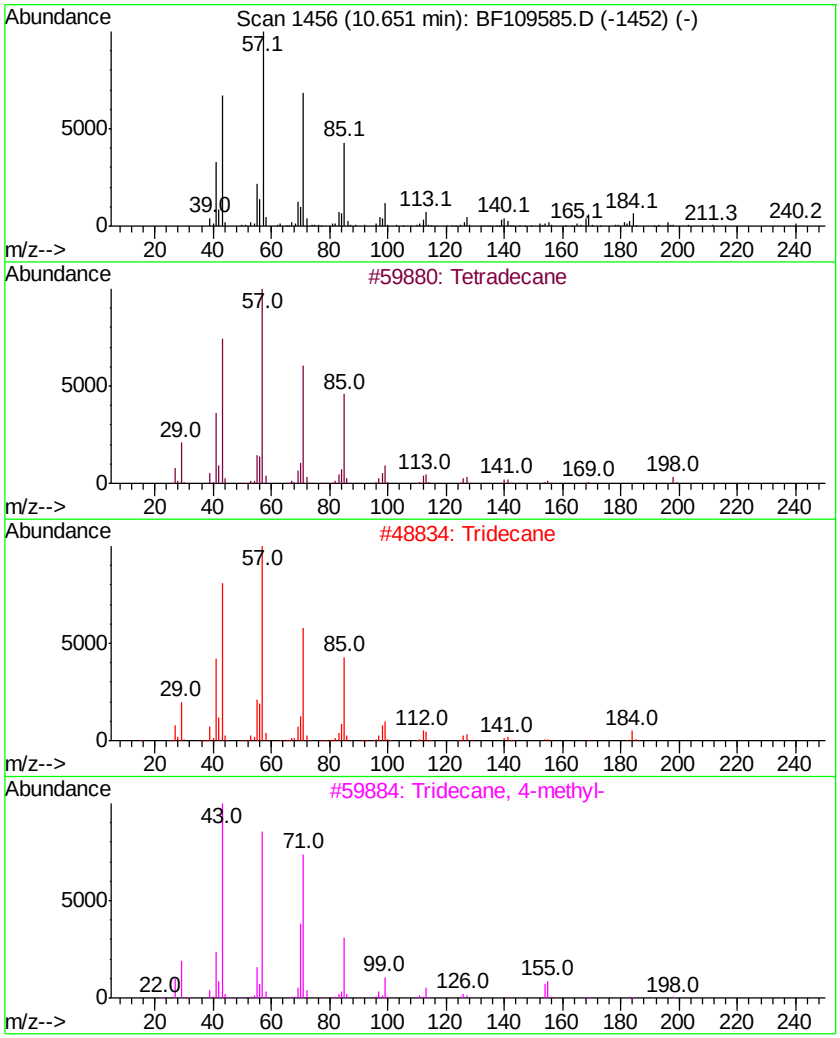
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

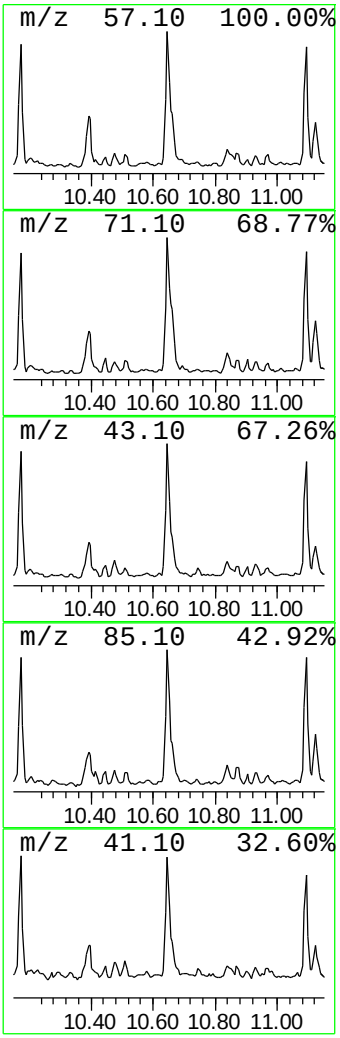
****

Peak Number 3 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	15.20 ng	537261	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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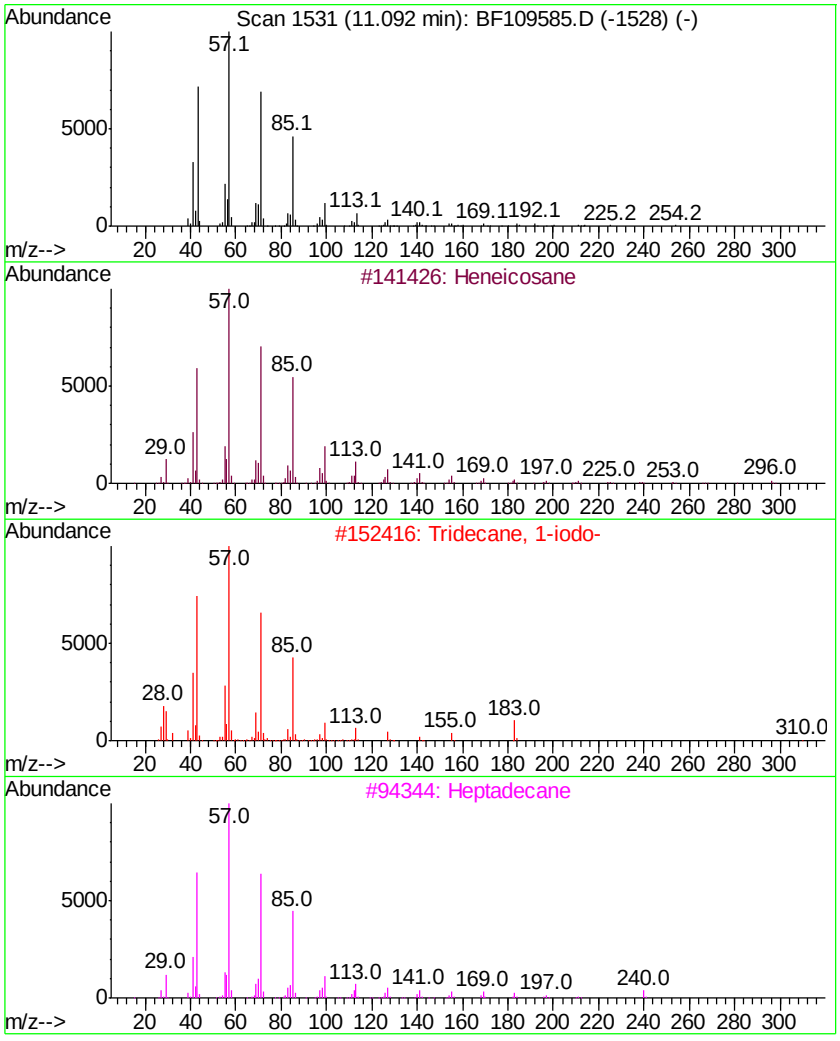
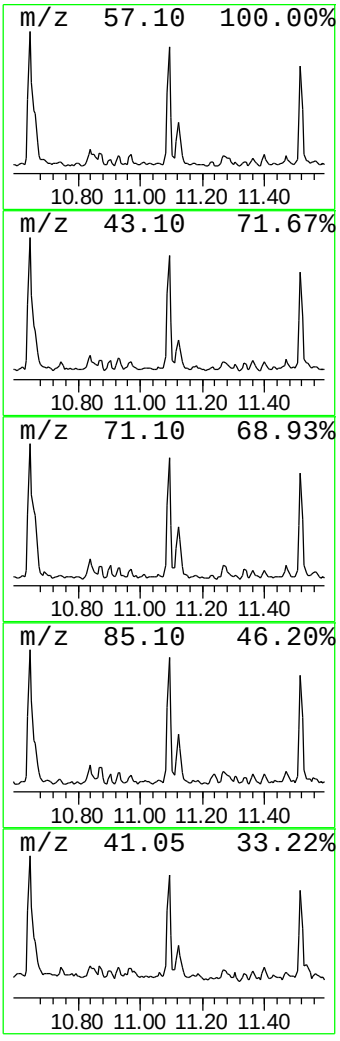
****

Peak Number 4 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	11.15 ng	394318	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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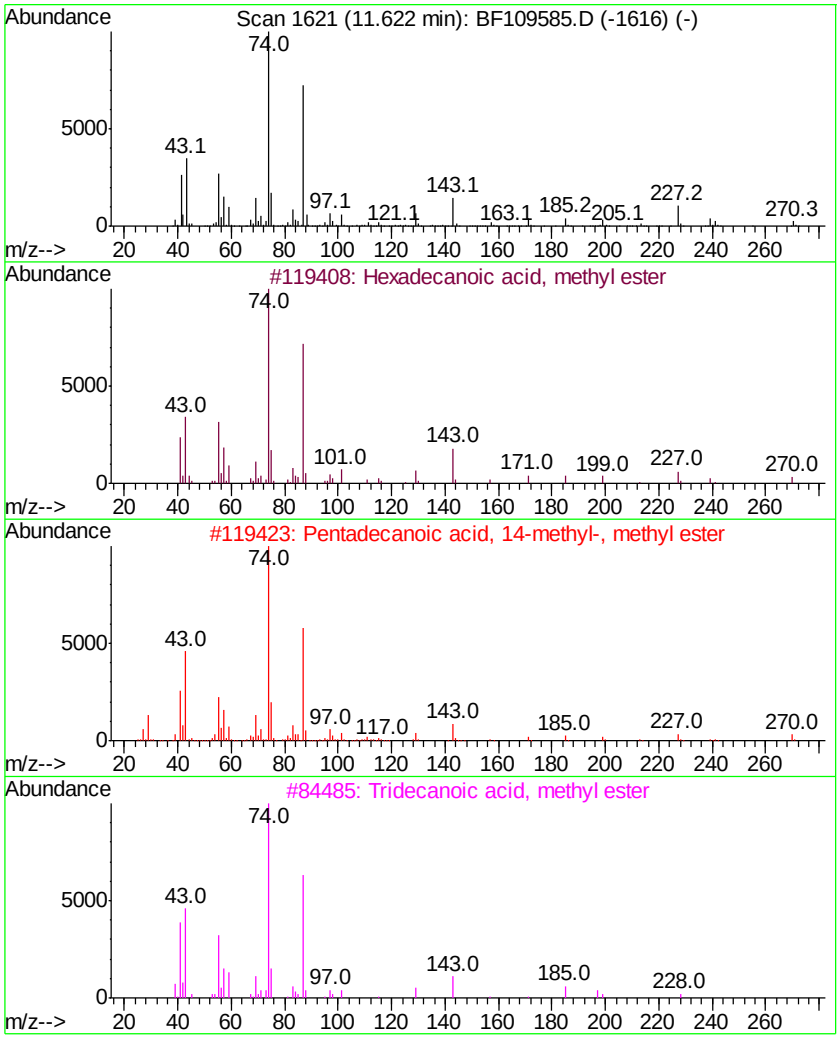
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

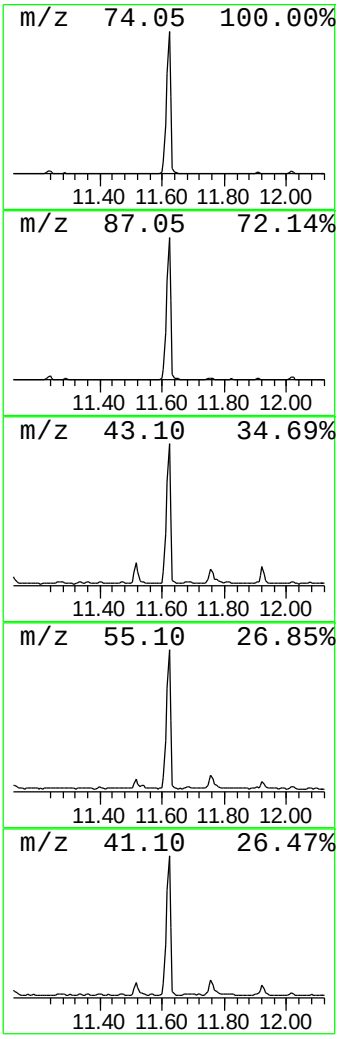
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	127.73 ng	4515960	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

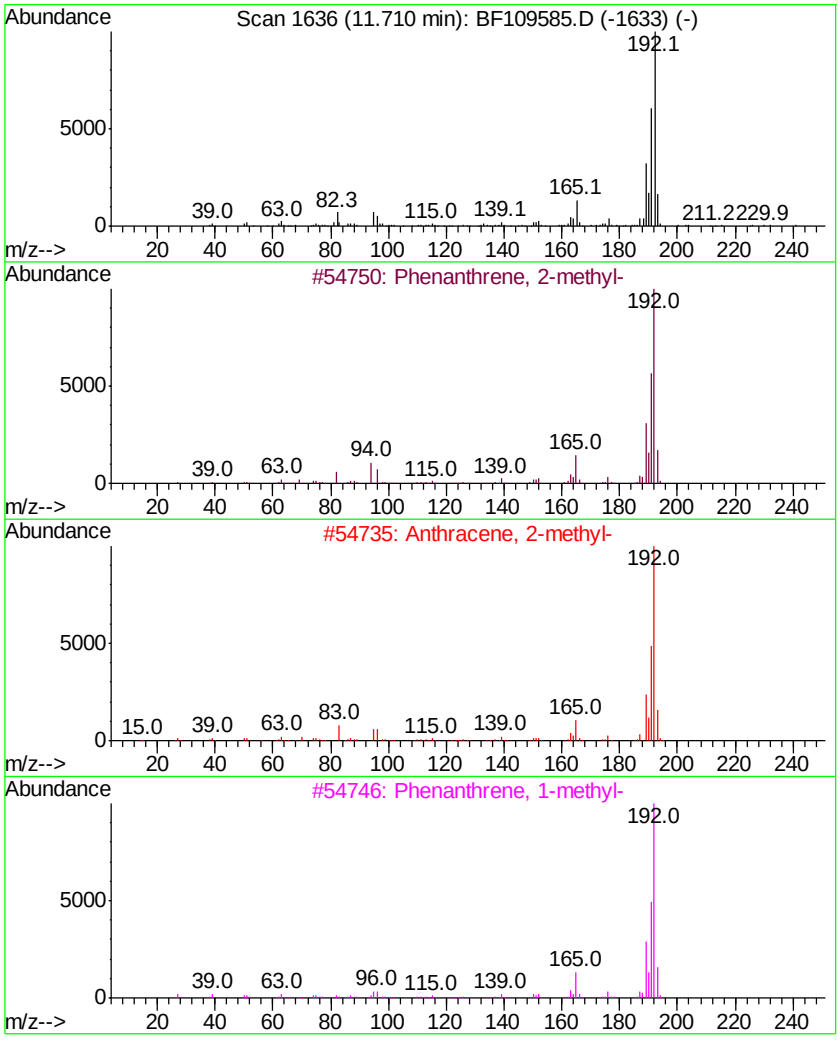
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

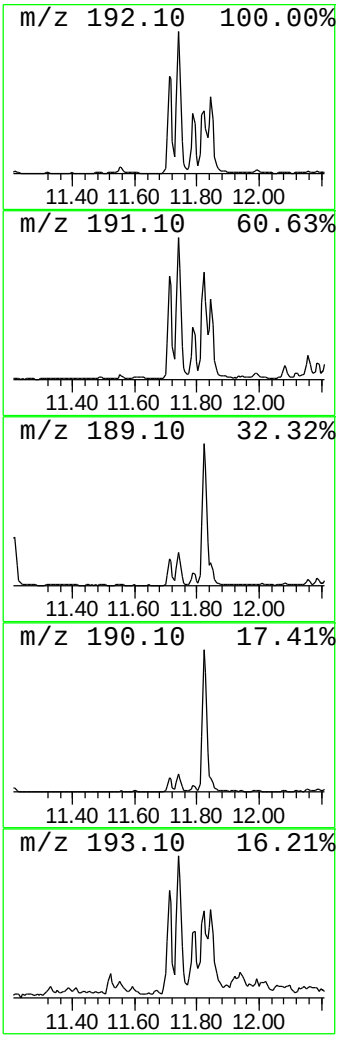
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	6.77 ng	239244	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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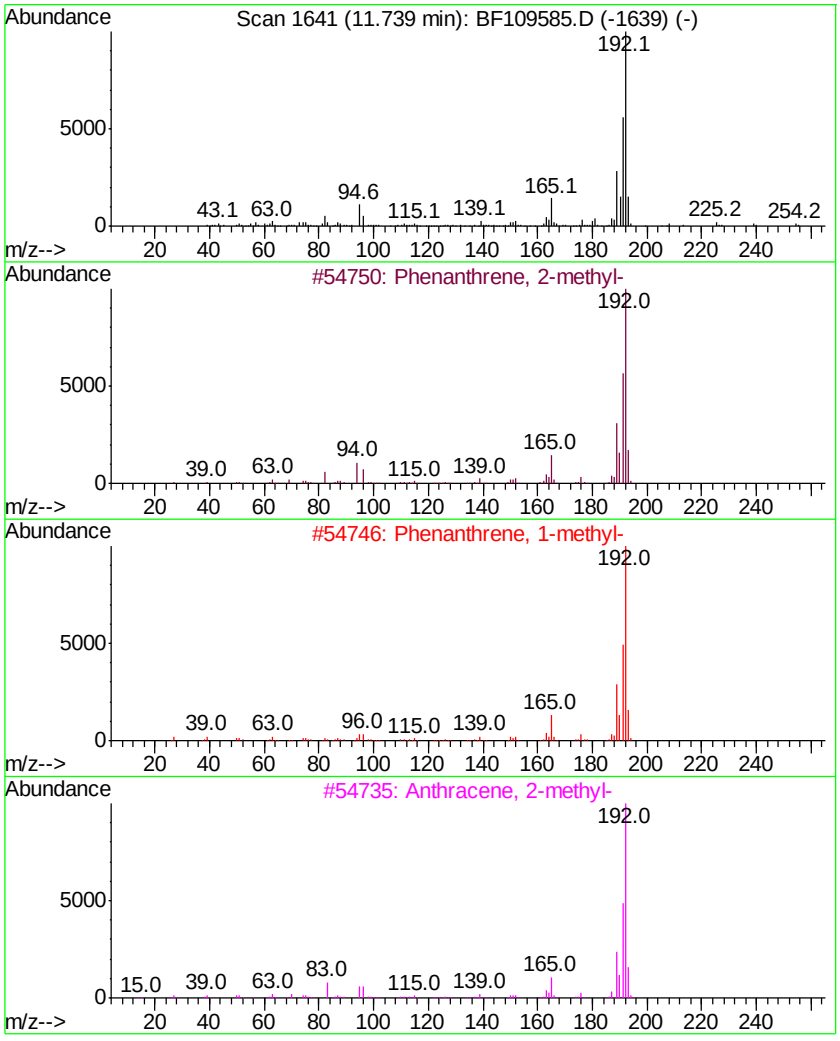
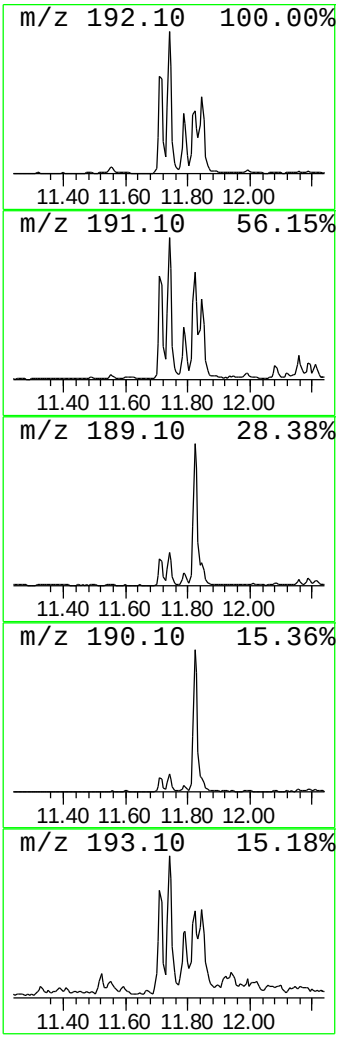
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	11.93 ng	421682	Phenanthrene-d10	11.21

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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Acq On : 4 Oct 2018 14:37
Operator : JU/SJ
Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

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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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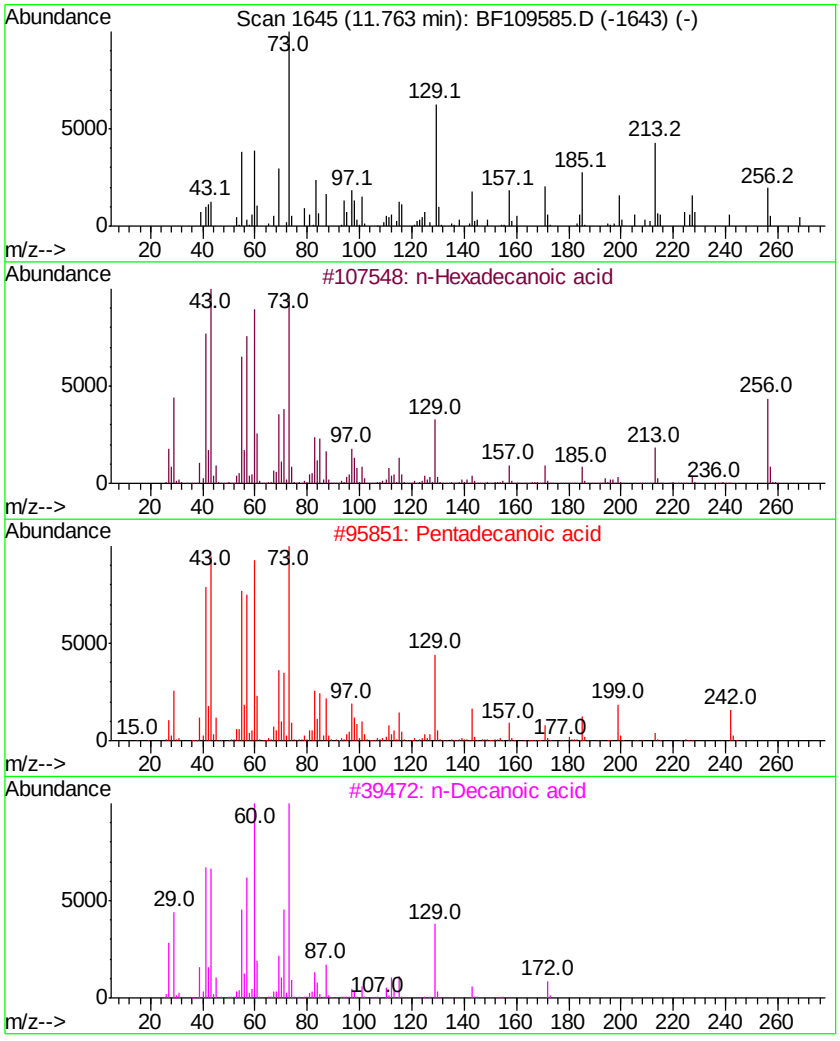
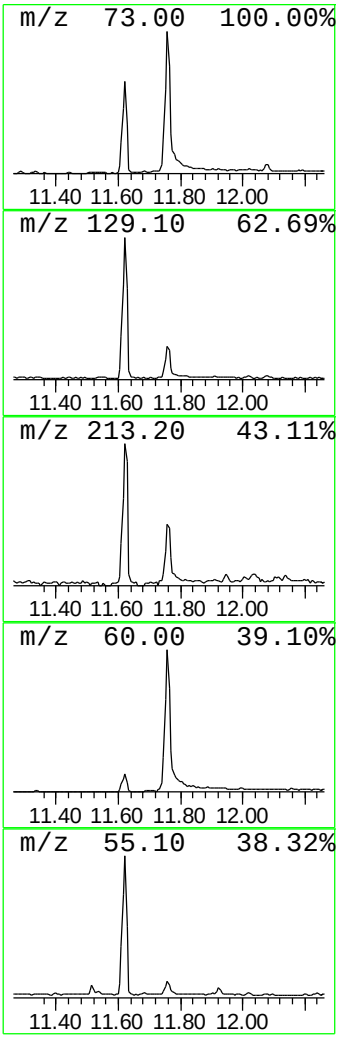
Peak Number 9 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	9.44 ng	333852	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Tridecanoic acid	214	C13H26O2	000638-53-9	35





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ClientSampleId : SU-04-100318-A

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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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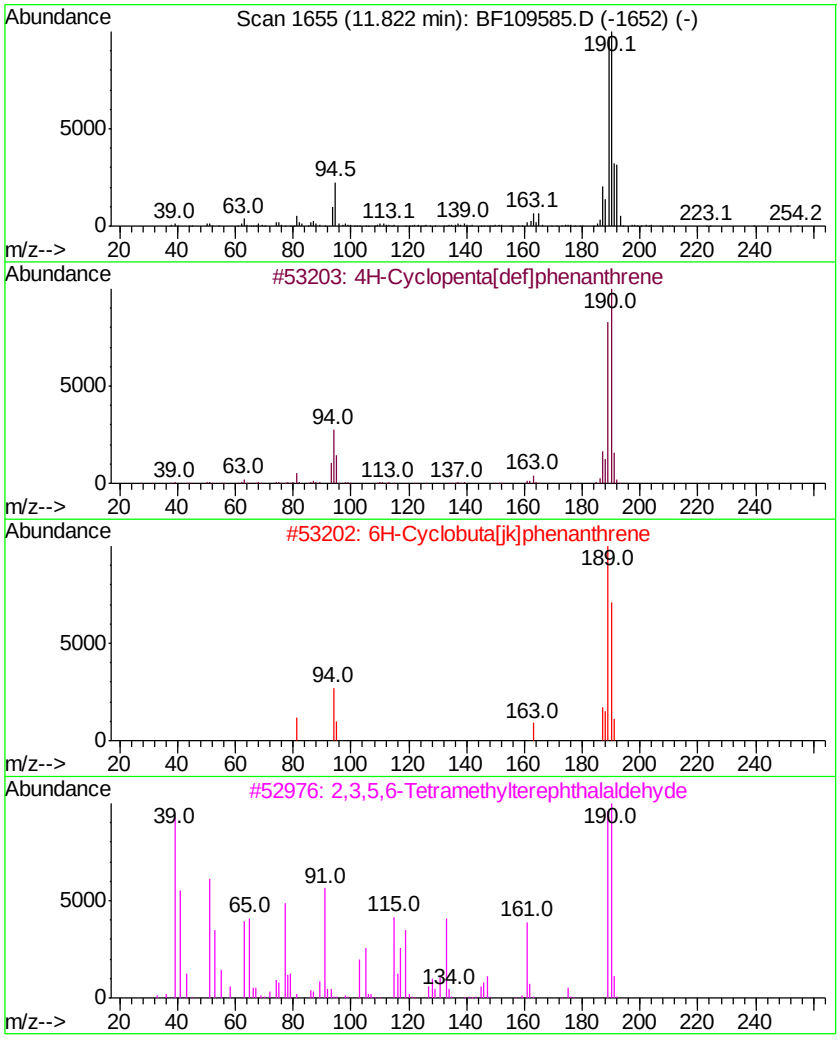
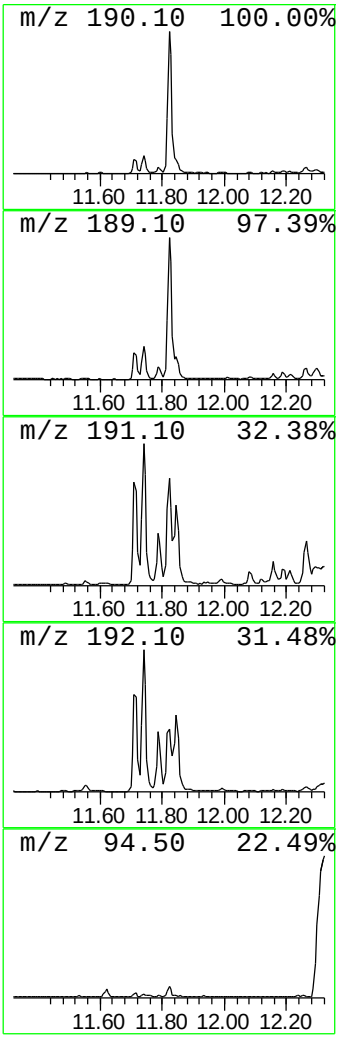
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	17.24 ng	609462	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Instrument : BNA_F
ClientSampleId : SU-04-100318-A

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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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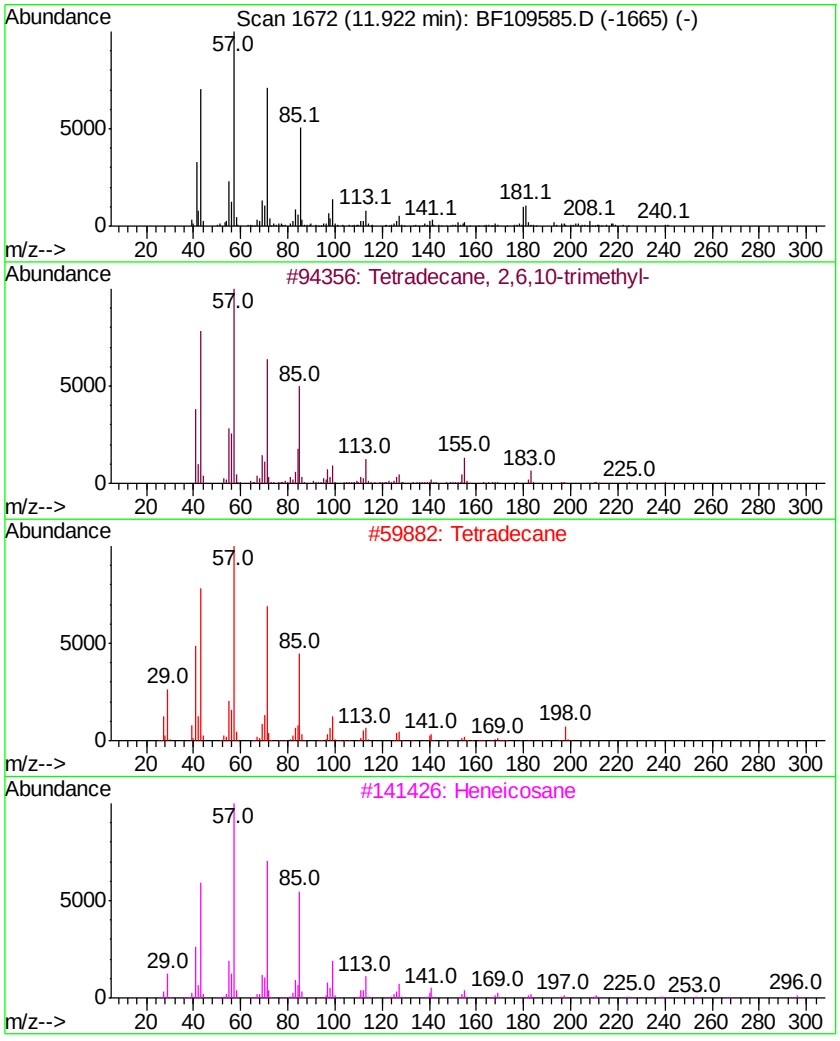
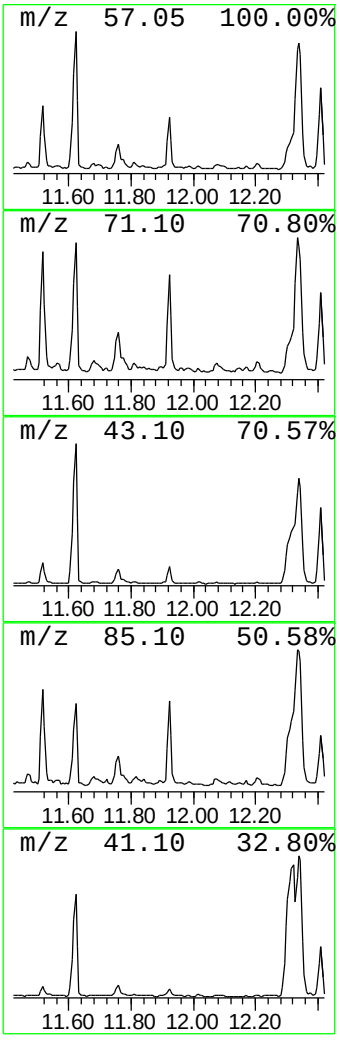
Peak Number 11 Tetradecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	12.28 ng	434116	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
2	Tetradecane	198	C14H30	000629-59-4	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tridecane	184	C13H28	000629-50-5	72





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Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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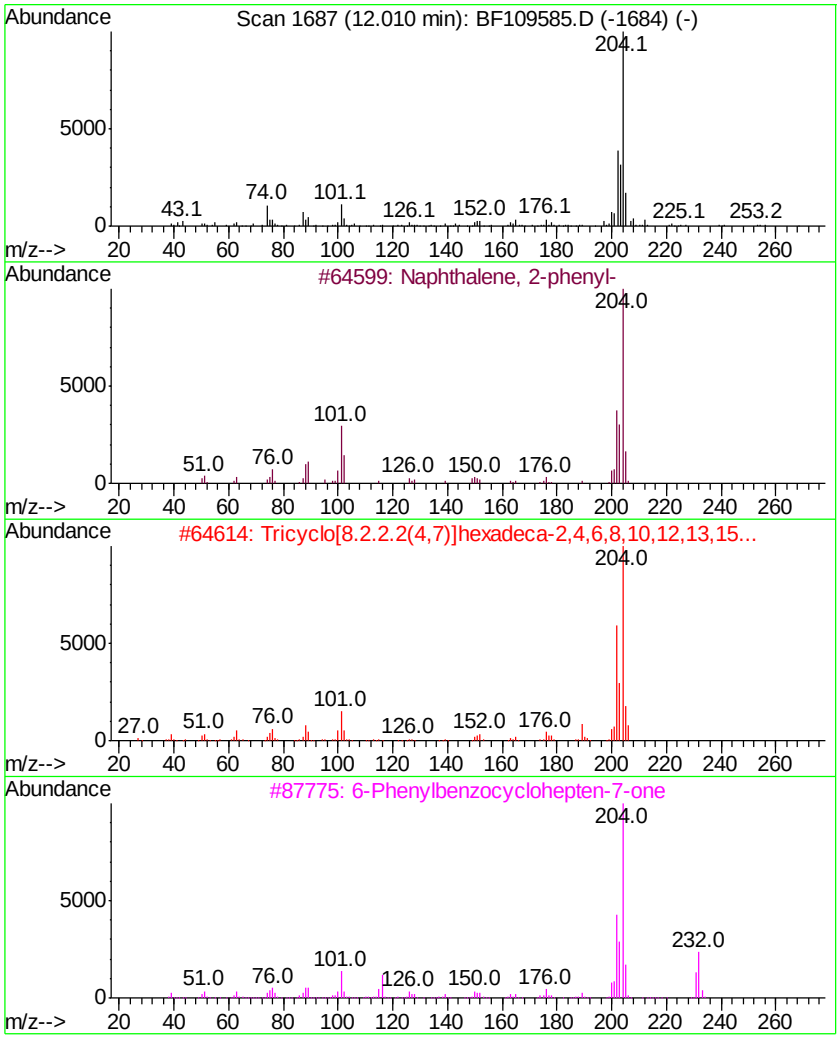
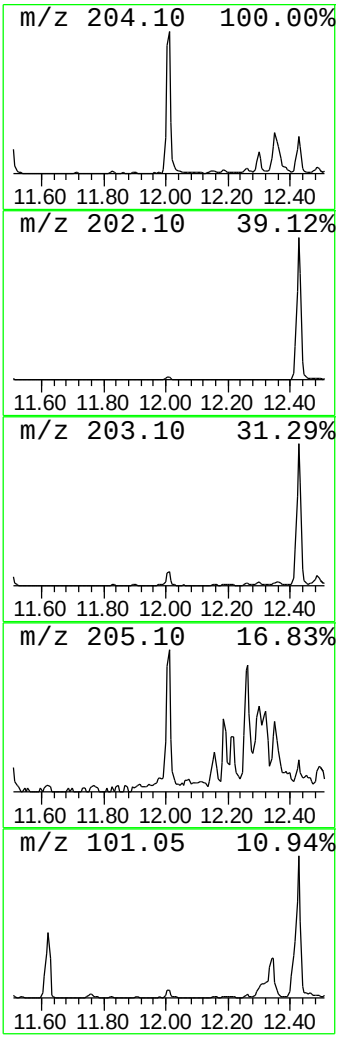
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	9.39 ng	331949	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50
4	Levamisole	204	C11H12N2S	014769-73-4	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46





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Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

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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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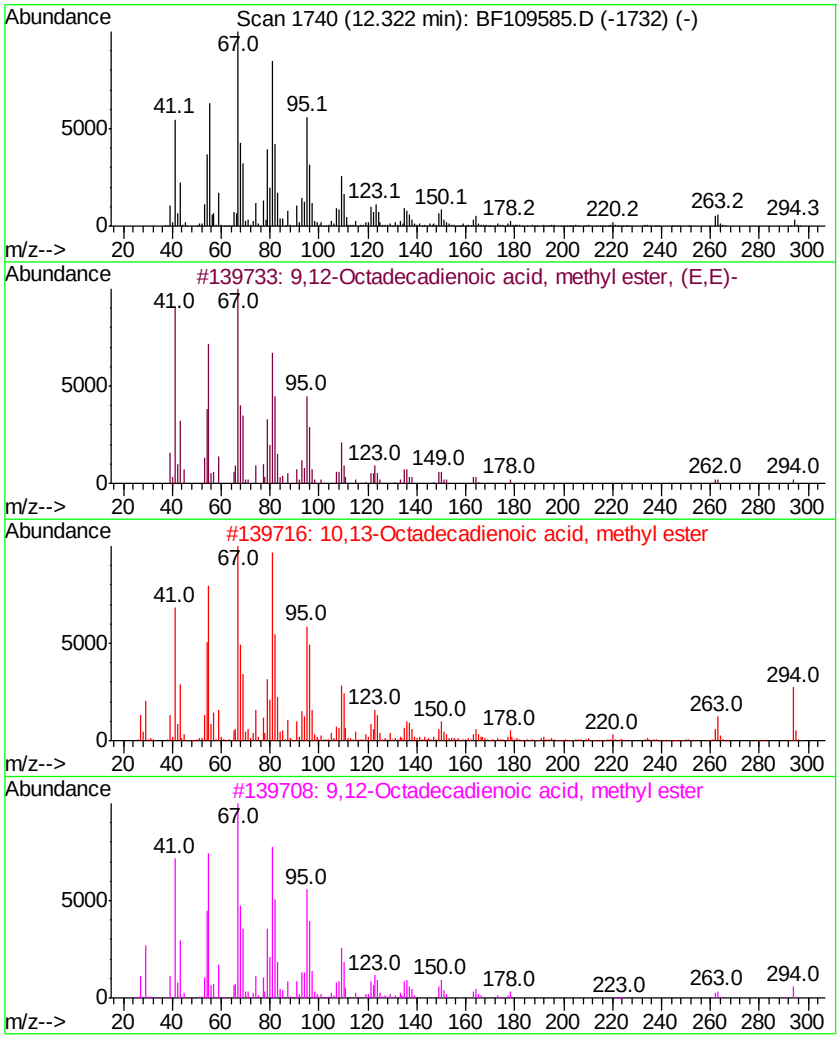
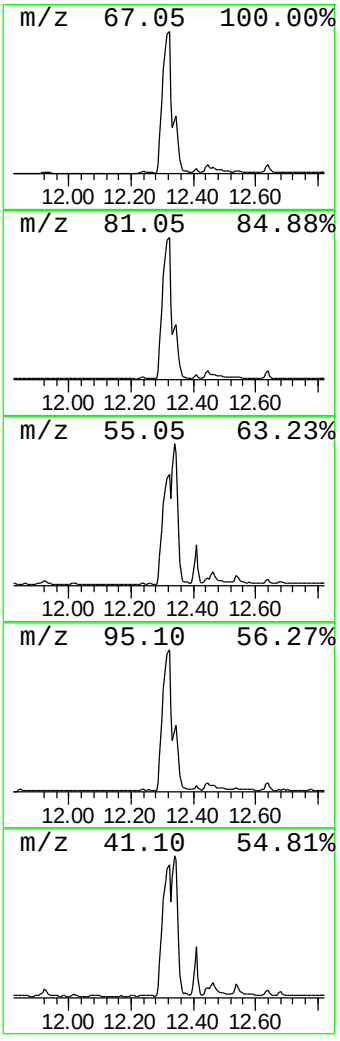
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	333.53 ng	11792400	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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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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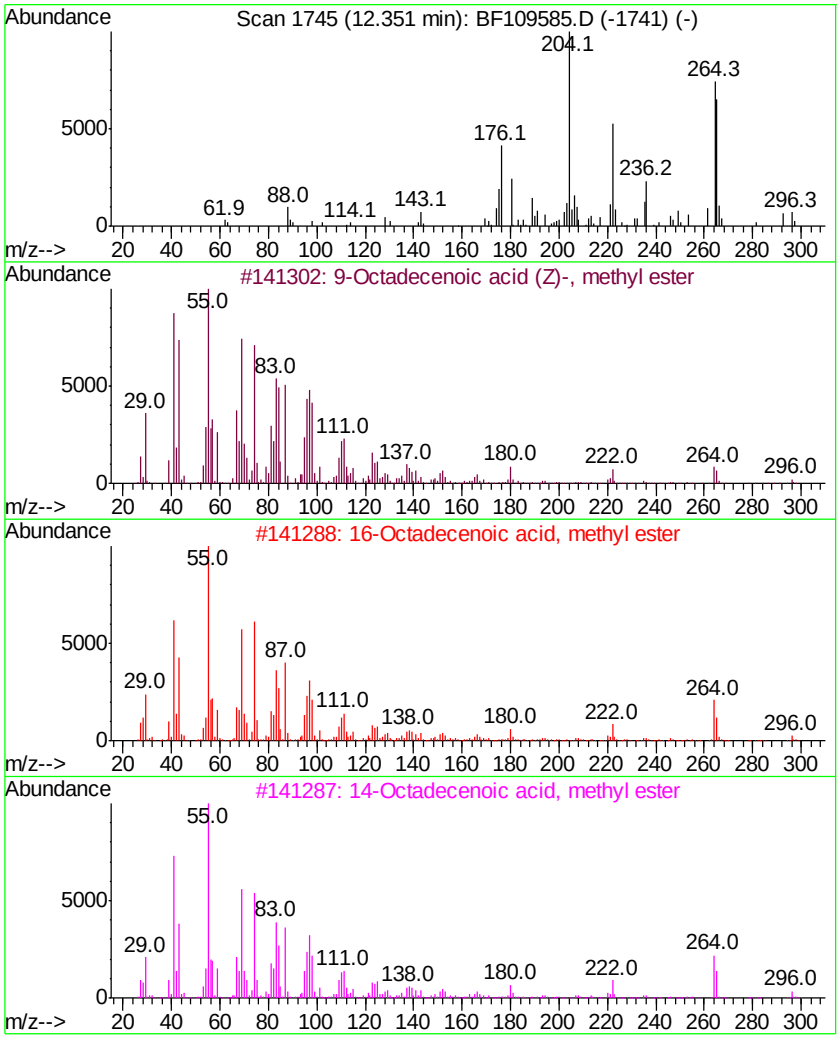
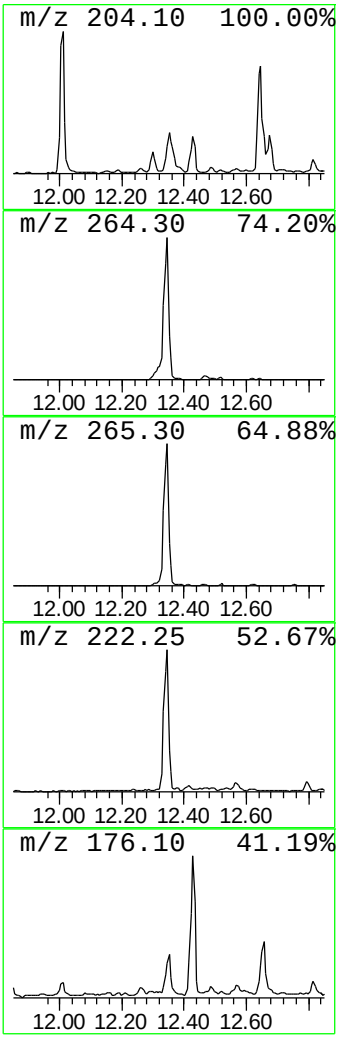
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	226.27 ng	8000010	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	74
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	74
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	72





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-100318-A

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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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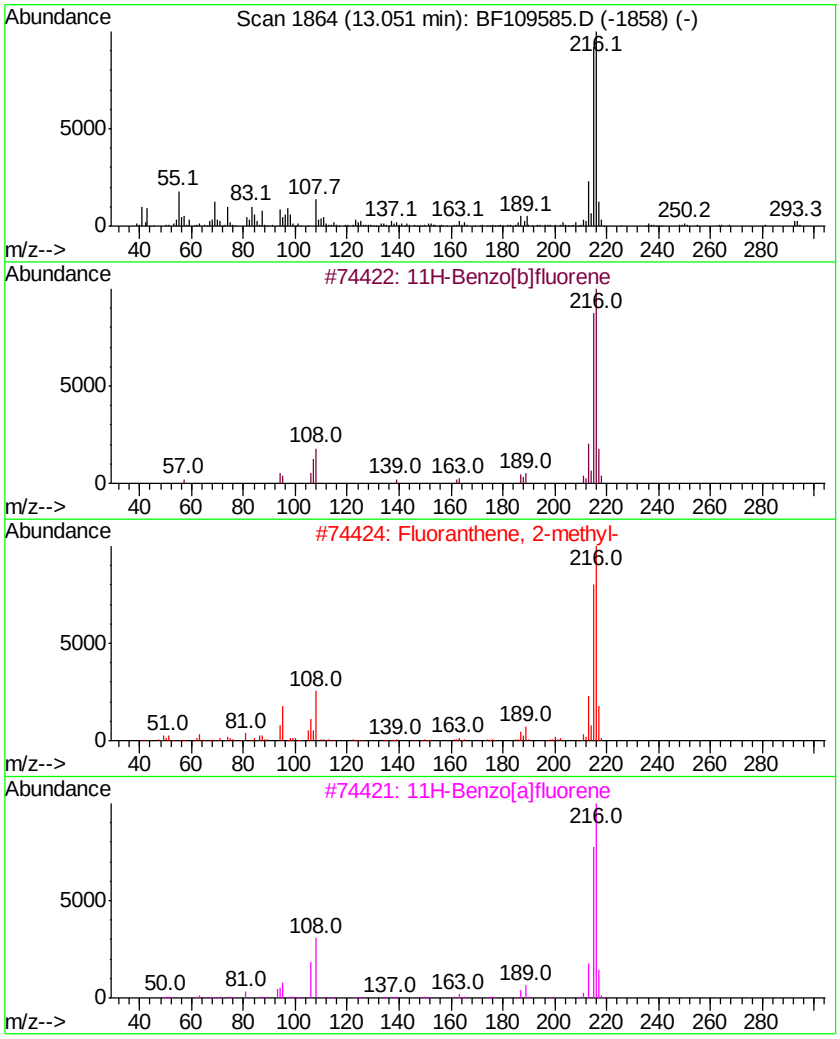
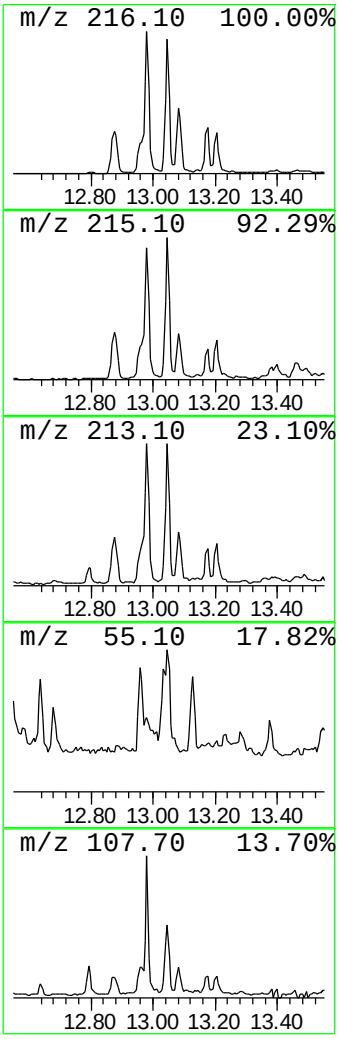
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	6.95 ng	755809	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	59





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ClientSampleId : SU-04-100318-A

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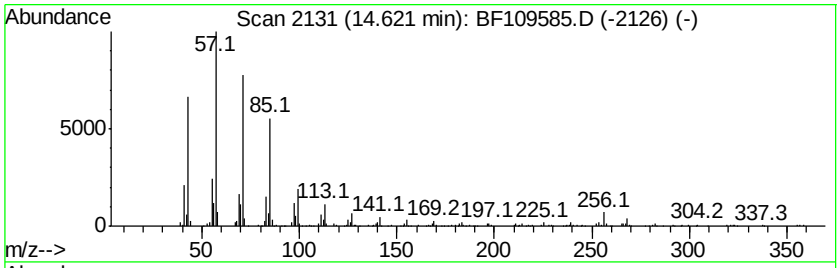
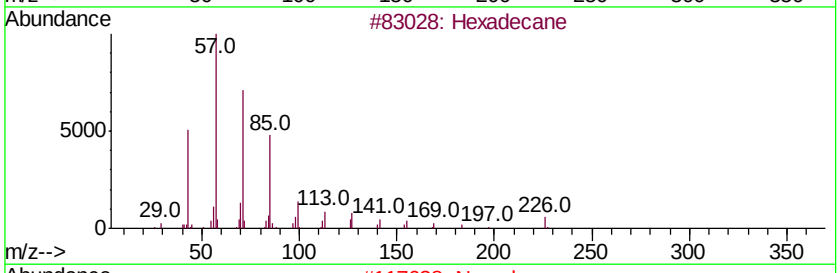
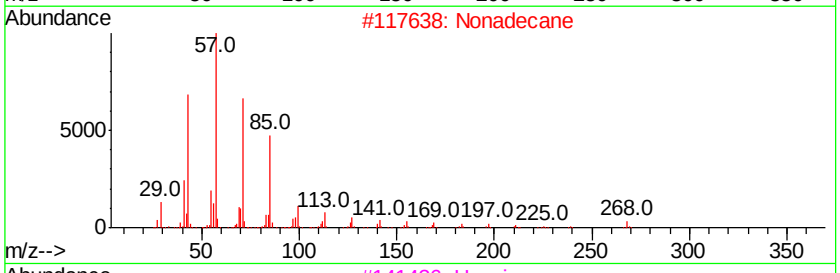
Peak Number 16 Hexadecane Concentration Rank 7

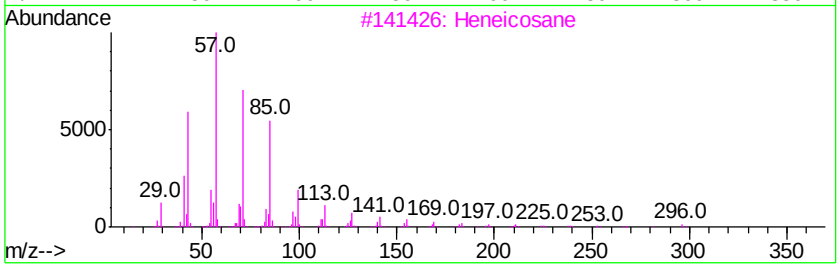
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	19.05 ng	586423	Perylene-d12	15.25

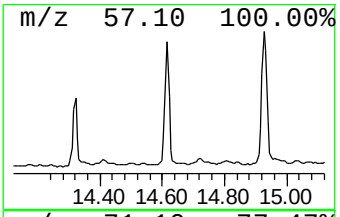
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86

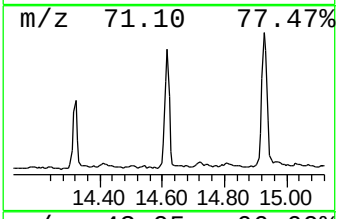


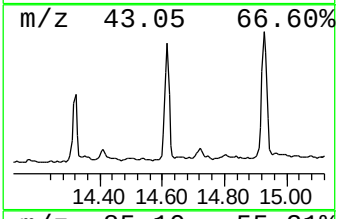


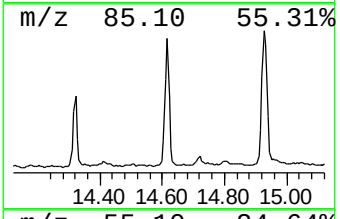


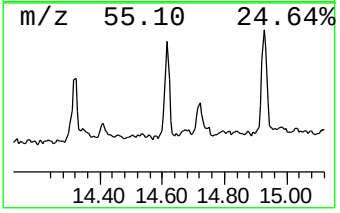












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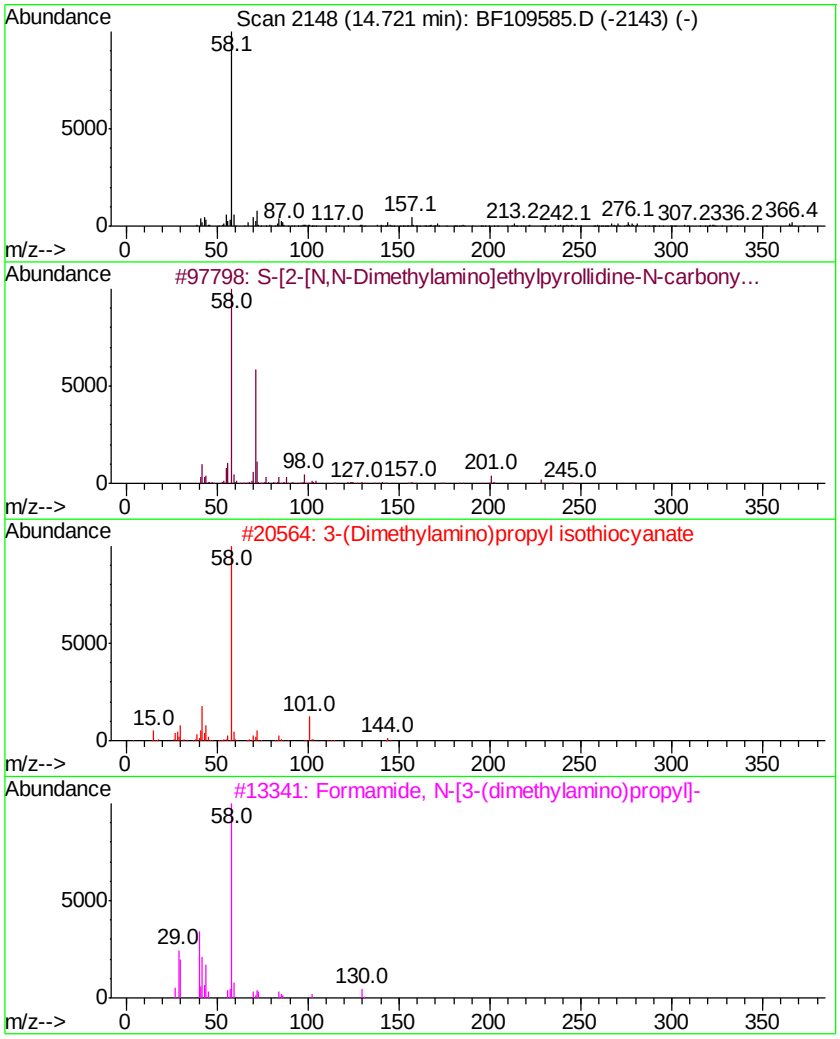
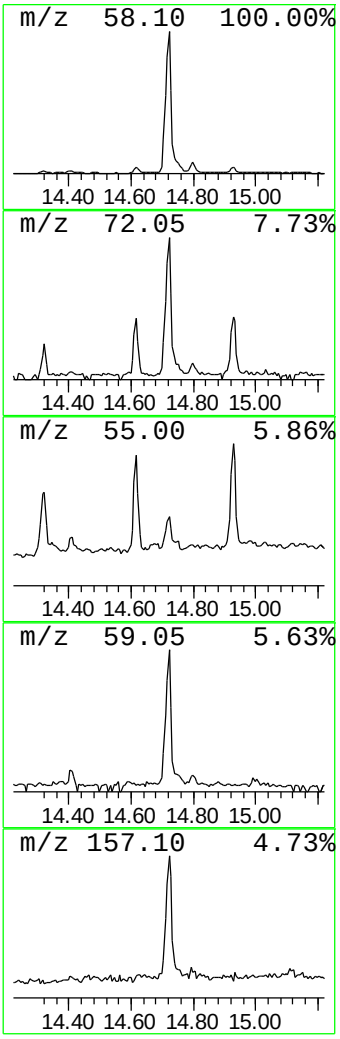
Peak Number 17 S-[2-[N,N-Dimethylamino]eth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	12.62 ng	388623	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-[2-[N,N-Dimethylaminolethylpyr...	245	C10H19N3O2S	1000212-14-2	80
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
4	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	64
5	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	64





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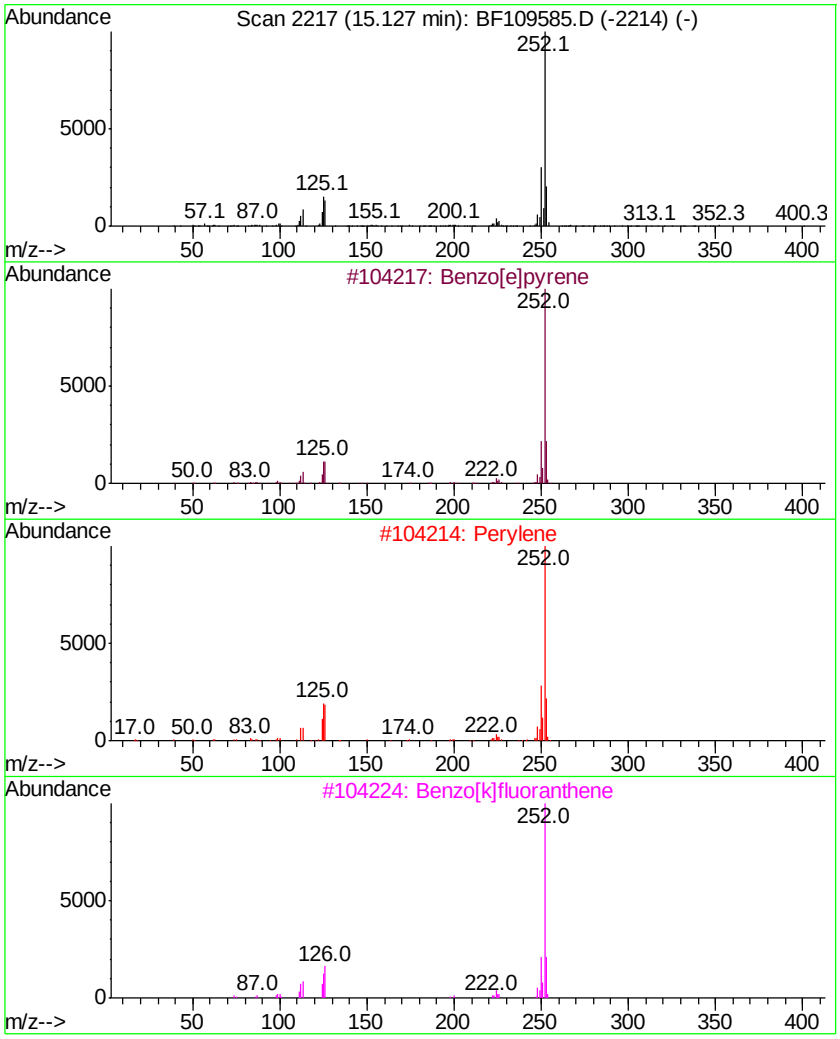
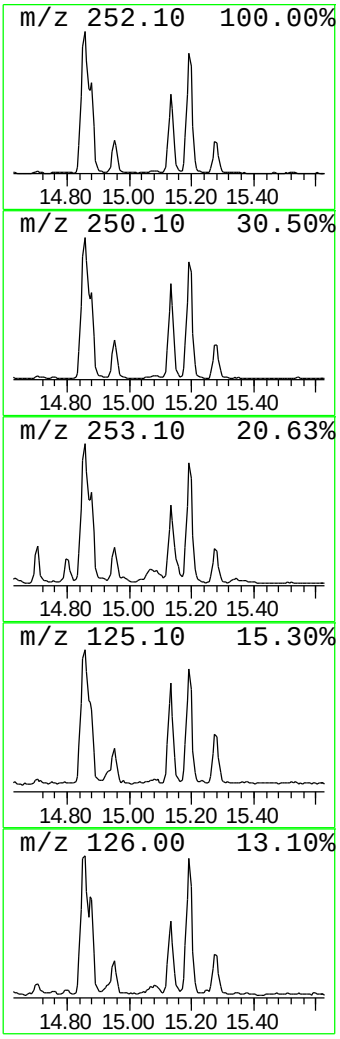
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	21.74 ng	669232	Perylene-d12	15.25

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109585.D
Acq On : 4 Oct 2018 14:37
Operator : JU/SJ
Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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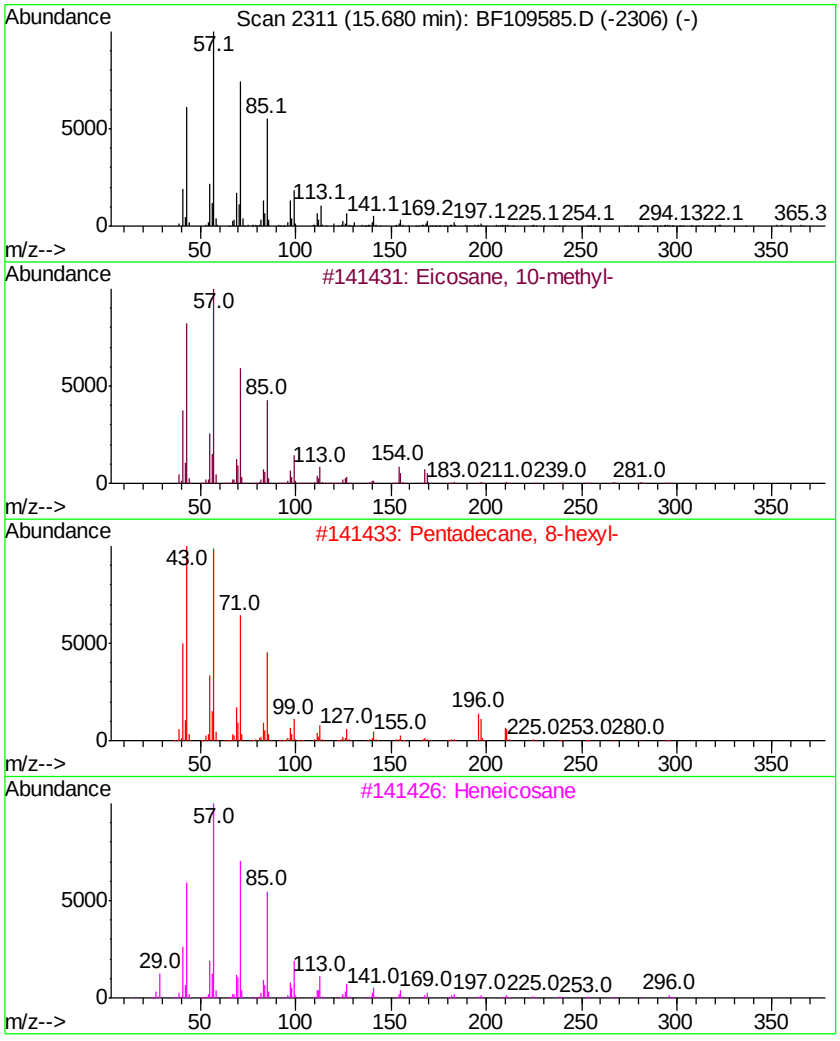
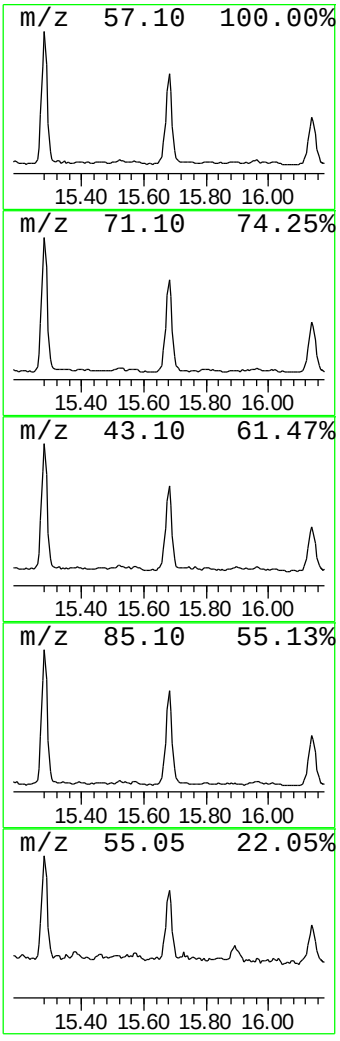
Peak Number 19 Eicosane, 10-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	17.12 ng	527019	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane	310	C22H46	000629-97-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109585.D
Acq On : 4 Oct 2018 14:37
Operator : JU/SJ
Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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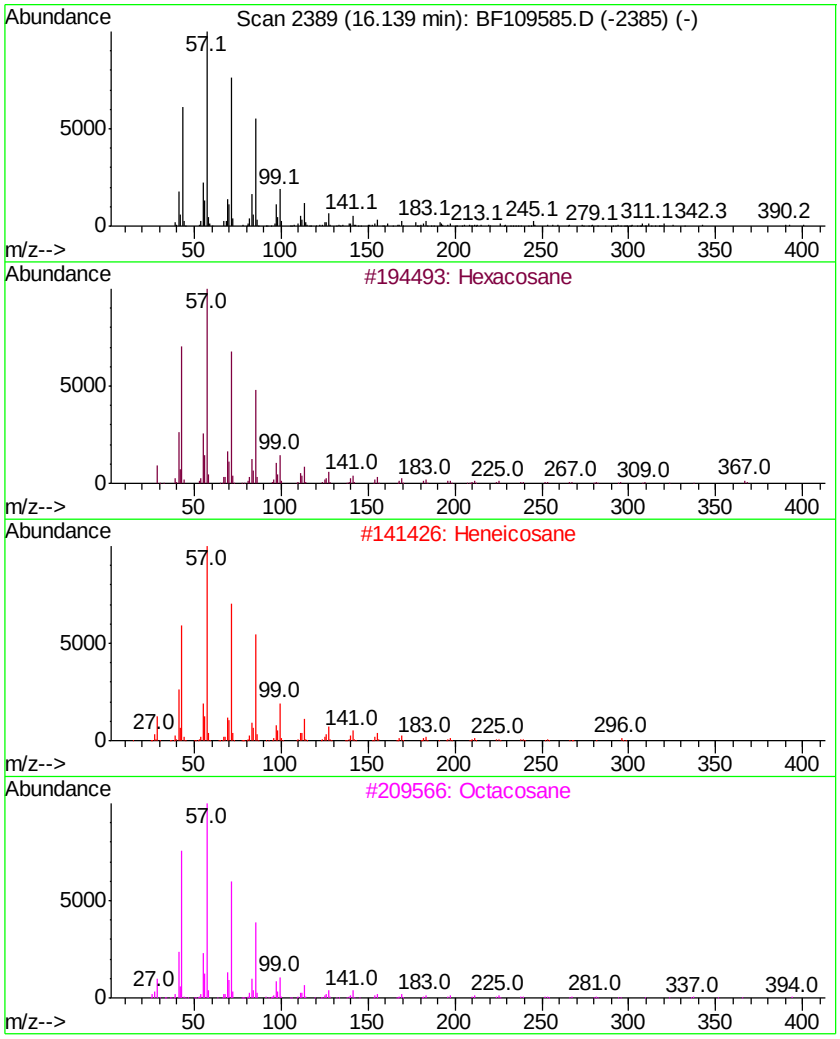
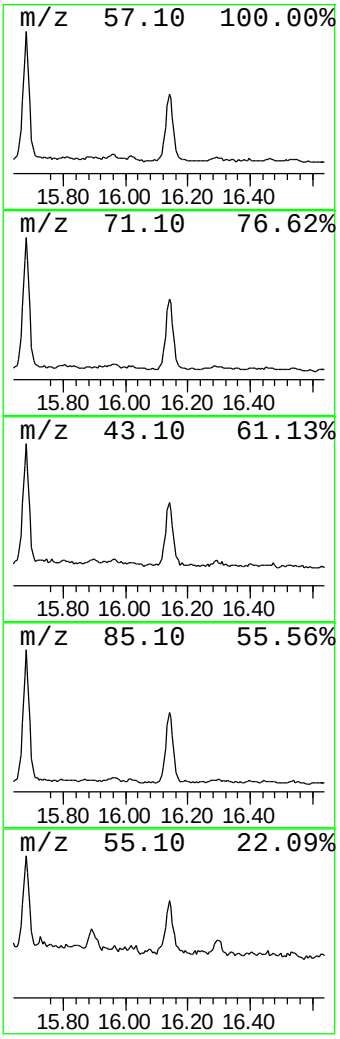
Peak Number 20 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	10.20 ng	313898	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Nonadecane	268	C19H40	000629-92-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109585.D
Acq On : 4 Oct 2018 14:37
Operator : JU/SJ
Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	30.4	ng	1006440	1	6.70	661339	20.0
Tetradecane	10.65	15.2	ng	537261	4	11.21	707118	20.0
Heneicosane	11.09	11.2	ng	394318	4	11.21	707118	20.0
Hexadecanoic acid...	11.62	127.7	ng	4515960	4	11.21	707118	20.0
Anthracene, 2-met...	11.71	6.8	ng	239244	4	11.21	707118	20.0
Phenanthrene, 2-m...	11.74	11.9	ng	421682	4	11.21	707118	20.0
n-Hexadecanoic acid	11.76	9.4	ng	333852	4	11.21	707118	20.0
4H-Cyclopenta[def...	11.82	17.2	ng	609462	4	11.21	707118	20.0
Tetradecane, 2,6,...	11.92	12.3	ng	434116	4	11.21	707118	20.0
Naphthalene, 2-ph...	12.01	9.4	ng	331949	4	11.21	707118	20.0
9,12-Octadecadien...	12.32	333.5	ng	11792400	4	11.21	707118	20.0
9-Octadecenoic ac...	12.35	226.3	ng	8000010	4	11.21	707118	20.0
11H-Benzo[b]fluorene	13.05	7.0	ng	755809	5	13.85	2173760	20.0
Hexadecane	14.62	19.1	ng	586423	6	15.25	615661	20.0
S-[2-[N,N-Dimethy...	14.72	12.6	ng	388623	6	15.25	615661	20.0
Benzo[e]pyrene	15.13	21.7	ng	669232	6	15.25	615661	20.0
Eicosane, 10-methyl-	15.68	17.1	ng	527019	6	15.25	615661	20.0
Hexacosane	16.14	10.2	ng	313898	6	15.25	615661	20.0