LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-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-BF042219.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	5.510	577	582	603	rVB	1101012	1079504	35.54%	1.788%
2	6.510	748	752	766	rBV	1321516	1165821	38.39%	1.931%
3	6.657	773	777	780	rBV	1491368	1236559	40.72%	2.049%
4	6.887	813	816	820	rBV	919670	734761	24.19%	1.217%
5	7.045	839	843	846	rBV	1164065	984654	32.42%	1.631%
6	7.439	906	910	916	rBV	767981	714787	23.54%	1.184%
7	8.169	1030	1034	1036	rBV	1163969	945276	31.12%	1.566%
8	8.187	1036	1037	1041	rVB	142832	103703	3.41%	0.172%
9	8.881	1150	1155	1158	rBV	125243	104883	3.45%	0.174%
10	8.981	1167	1172	1176	rBV	123345	113410	3.73%	0.188%
11	9.239	1212	1216	1226	rBV	1915947	1564211	51.50%	2.591%
12	9.510	1257	1262	1265	rBV	72077	98418	3.24%	0.163%
13	9.581	1270	1274	1276	rVV	142426	138430	4.56%	0.229%
14	9.633	1280	1283	1288	rVV	200125	223400	7.36%	0.370%
15	9.781	1305	1308	1313	rVB	199128	158703	5.23%	0.263%
16	9.922	1326	1332	1335	rBV	1408650	1216480	40.05%	2.015%
17	9.951	1335	1337	1341	rVB	374378	302727	9.97%	0.502%
18	10.122	1362	1366	1370	rVV	273289	264834	8.72%	0.439%
19	10.469	1421	1425	1431	rVB	471652	439636	14.48%	0.728%
20	10.533	1431	1436	1438	rBV	60606	87485	2.88%	0.145%
21	10.622	1449	1451	1460	rVB	98961	109741	3.61%	0.182%
22	10.704	1460	1465	1470	rBV	1081355	1013405	33.37%	1.679%
23	10.828	1482	1486	1491	rBV5	97718	133245	4.39%	0.221%
24	11.016	1513	1518	1520	rBV2	125512	138135	4.55%	0.229%
25	11.163	1541	1543	1548	rVV	71778	85534	2.82%	0.142%
26	11.298	1564	1566	1572	rVB	206526	211618	6.97%	0.351%
27	11.404	1580	1584	1586	rBV	1240819	1157899	38.13%	1.918%
28	11.433	1586	1589	1592	rVV	2434753	2140223	70.47%	3.546%
29	11.480	1592	1597	1600	rVB	813120	667134	21.97%	1.105%
30	11.510	1600	1602	1606	rBV2	80200	92939	3.06%	0.154%
31	11.627	1617	1622	1625	rBV	151555	162513	5.35%	0.269%
32	11.733	1637	1640	1645	rVB2	112150	114199	3.76%	0.189%
33	11.798	1647	1651	1653	rBV	497473	445613	14.67%	0.738%
34	11.904	1666	1669	1671	rBV	378073	389517	12.83%	0.645%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.939	1671	1675	1680	rVV2	1748186	2307739	75.98%	3.823%
36	11.980	1680	1682	1685	rVV	259202	252313	8.31%	0.418%
37	12.016	1685	1688	1691	rVV	679080	799931	26.34%	1.325%
38	12.039	1691	1692	1696	rVB	303727	193306	6.36%	0.320%
39	12.198	1716	1719	1721	rVV	262429	216313	7.12%	0.358%
40	12.222	1721	1723	1727	rVB2	107641	104314	3.43%	0.173%
41	12.380	1747	1750	1752	rBV	126046	96301	3.17%	0.160%
42	12.404	1752	1754	1757	rVB	112212	91420	3.01%	0.151%
43	12.457	1759	1763	1764	rBV	291591	287399	9.46%	0.476%
44	12.480	1764	1767	1769	rVV	1890098	1773231	58.39%	2.938%
45	12.504	1769	1771	1775	rVB	1445736	1199744	39.50%	1.988%
46	12.539	1775	1777	1782	rVB2	153855	167992	5.53%	0.278%
47	12.586	1782	1785	1787	rBV2	255309	199388	6.57%	0.330%
48	12.622	1787	1791	1794	rBV	3132410	2852804	93.93%	4.726%
49	12.727	1803	1809	1814	rBV2	2450478	2986543	98.34%	4.948%
50	12.769	1814	1816	1820	rVB	153612	152646	5.03%	0.253%
51	12.851	1823	1830	1835	rVB	2590999	3015412	99.29%	4.995%
52	12.898	1835	1838	1842	rVB2	131979	197994	6.52%	0.328%
53	12.963	1846	1849	1850	rBV2	162059	136062	4.48%	0.225%
54	12.986	1850	1853	1856	rVV	1520611	1170888	38.55%	1.940%
55	13.063	1861	1866	1869	rBV2	218026	346311	11.40%	0.574%
56	13.151	1877	1881	1882	rVV3	180444	201099	6.62%	0.333%
57	13.174	1882	1885	1888	rVB	542604	511253	16.83%	0.847%
58	13.216	1888	1892	1893	rBV2	77183	87407	2.88%	0.145%
59	13.239	1893	1896	1899	rVV	480025	411638	13.55%	0.682%
60	13.274	1899	1902	1905	rVV2	334915	360811	11.88%	0.598%
61	13.304	1905	1907	1910	rVV2	84450	86287	2.84%	0.143%
62	13.369	1915	1918	1921	rVV	202999	171161	5.64%	0.284%
63	13.398	1921	1923	1927	rVB	205709	197204	6.49%	0.327%
64	13.574	1946	1953	1955	rBV6	92755	186564	6.14%	0.309%
65	13.657	1964	1967	1969	rBV2	90084	115276	3.80%	0.191%
66	13.680	1969	1971	1976	rVB	161006	179911	5.92%	0.298%
67	13.792	1986	1990	1993	rBV2	248890	332426	10.95%	0.551%
68	13.821	1993	1995	1997	rVV	227550	190483	6.27%	0.316%
69	13.851	1997	2000	2003	rVV2	191326	251162	8.27%	0.416%
70	13.892	2004	2007	2010	rVB	177599	167014	5.50%	0.277%
71	14.045	2026	2033	2037	rBV2	1952876	3037108	100.00%	5.031%

LSC Area Percent Report

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Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.080	2037	2039	2046	rVV	1510745	1250822	41.18%	2.072%
73	14.163	2050	2053	2056	rVV	384341	368449	12.13%	0.610%
74	14.198	2056	2059	2060	rVV	125449	143653	4.73%	0.238%
75	14.216	2060	2062	2065	rVV2	211572	259146	8.53%	0.429%
76	14.274	2069	2072	2077	rVV2	166210	227886	7.50%	0.378%
77	14.316	2077	2079	2086	rVB3	86221	94682	3.12%	0.157%
78	14.416	2093	2096	2098	rBV	93946	110571	3.64%	0.183%
79	14.451	2098	2102	2105	rVV	362303	415679	13.69%	0.689%
80	14.486	2105	2108	2111	rVV	187620	184917	6.09%	0.306%
81	14.539	2113	2117	2121	rVV2	425192	603813	19.88%	1.000%
82	14.580	2121	2124	2126	rVV2	235121	250821	8.26%	0.416%
83	14.604	2126	2128	2131	rVV	267001	242375	7.98%	0.402%
84	14.651	2132	2136	2142	rVB5	118324	199263	6.56%	0.330%
85	14.857	2167	2171	2174	rBV	539779	610937	20.12%	1.012%
86	14.957	2186	2188	2196	rVB3	117850	153474	5.05%	0.254%
87	15.127	2211	2217	2220	rBV	1296793	2300517	75.75%	3.811%
88	15.151	2220	2221	2224	rVV	814279	485471	15.98%	0.804%
89	15.198	2225	2229	2232	rVV	611309	773026	25.45%	1.281%
90	15.227	2232	2234	2238	rVB	321499	330708	10.89%	0.548%
91	15.427	2264	2268	2274	rVB	776205	1131864	37.27%	1.875%
92	15.492	2274	2279	2285	rBV	1170341	1622962	53.44%	2.689%
93	15.557	2285	2290	2293	rVV	810535	1200323	39.52%	1.988%
94	15.586	2293	2295	2302	rVB2	868755	1061261	34.94%	1.758%
95	16.033	2367	2371	2377	rVB2	302401	455036	14.98%	0.754%
96	16.121	2384	2386	2391	rVB2	98033	118097	3.89%	0.196%
97	16.545	2455	2458	2463	rVB	145226	219297	7.22%	0.363%
98	17.045	2537	2543	2551	rVB2	510854	1047071	34.48%	1.735%
99	17.492	2613	2619	2632	rVB	346953	763455	25.14%	1.265%
100	17.721	2656	2658	2665	rVB	97908	163920	5.40%	0.272%

Sum of corrected areas: 60363748

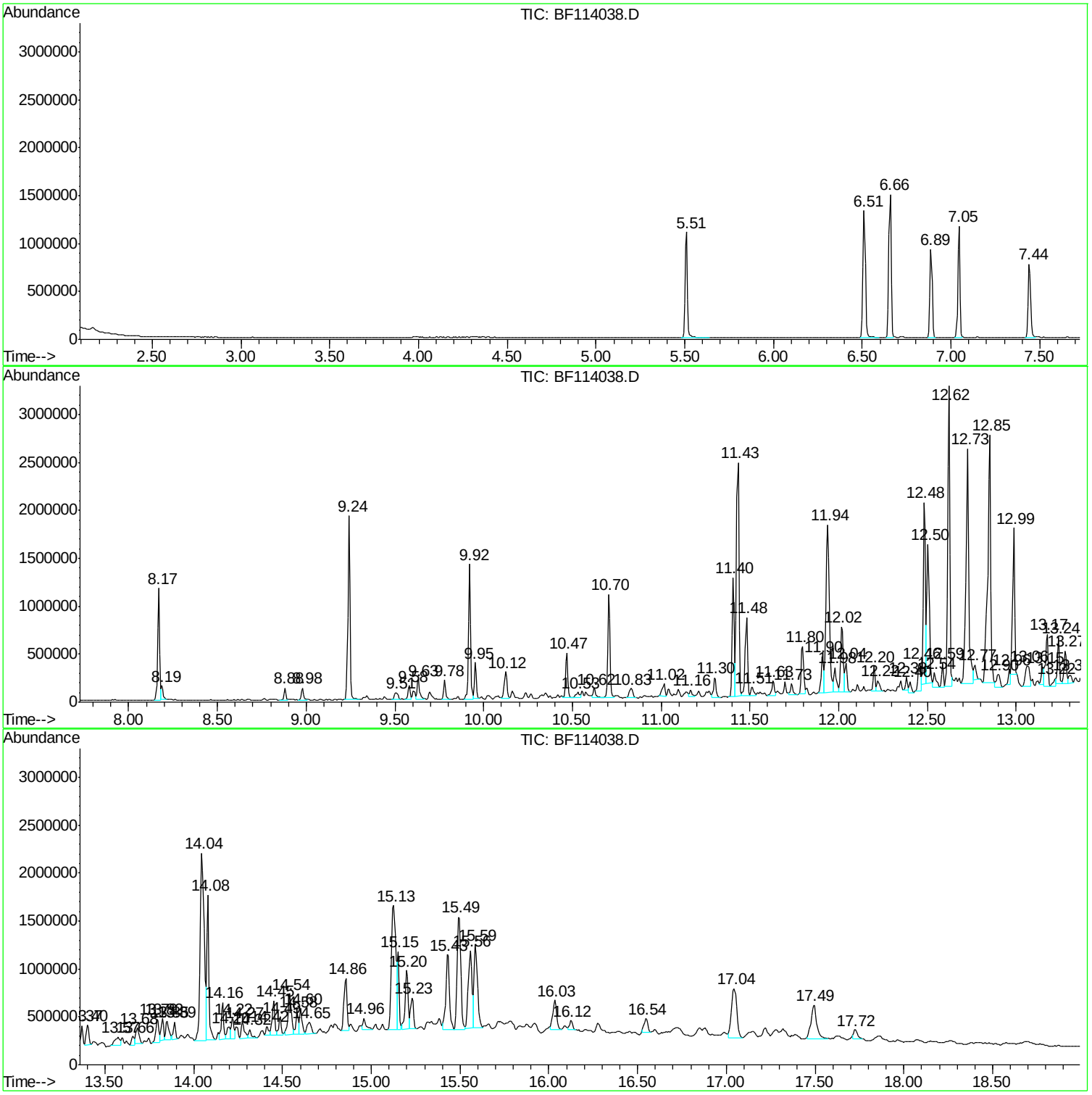
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF043019\
Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
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Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

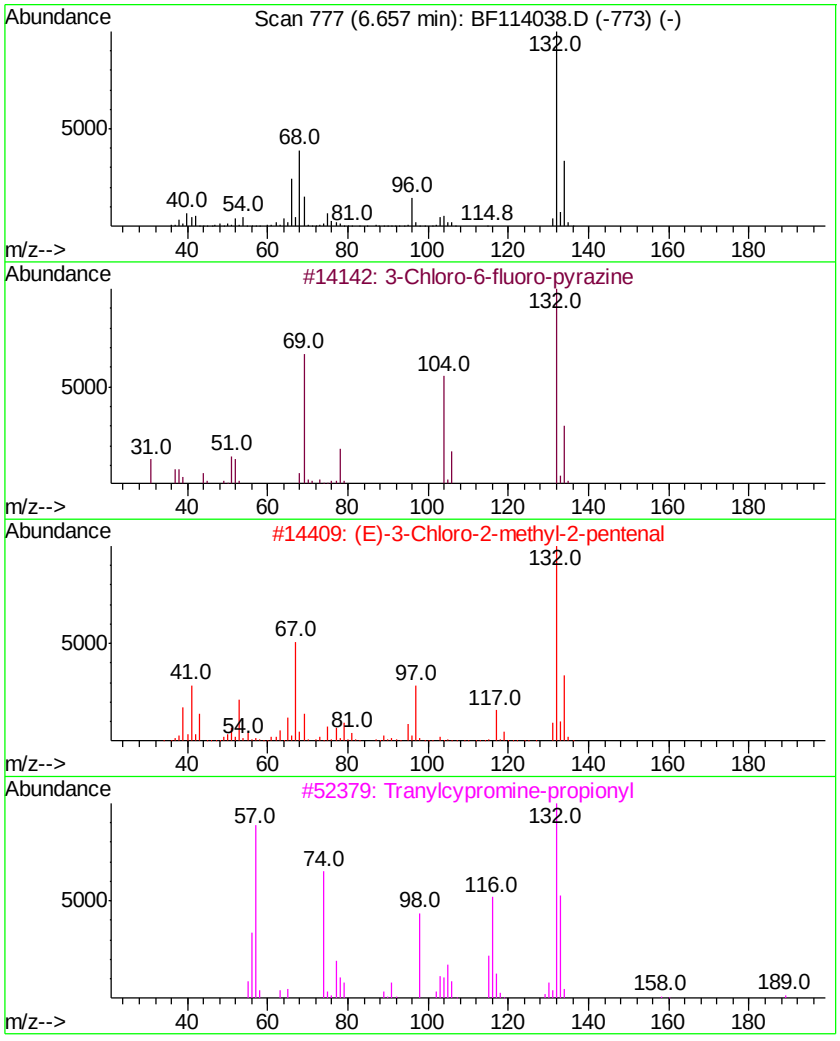
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

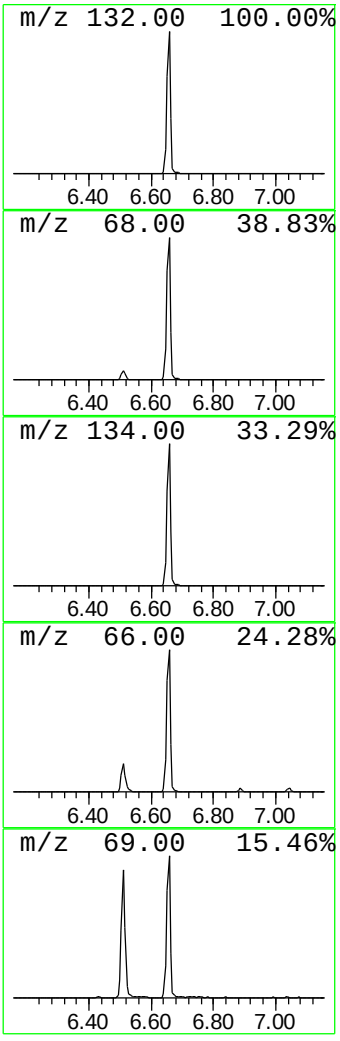
****

Peak Number 1 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	33.66 ng	1236560	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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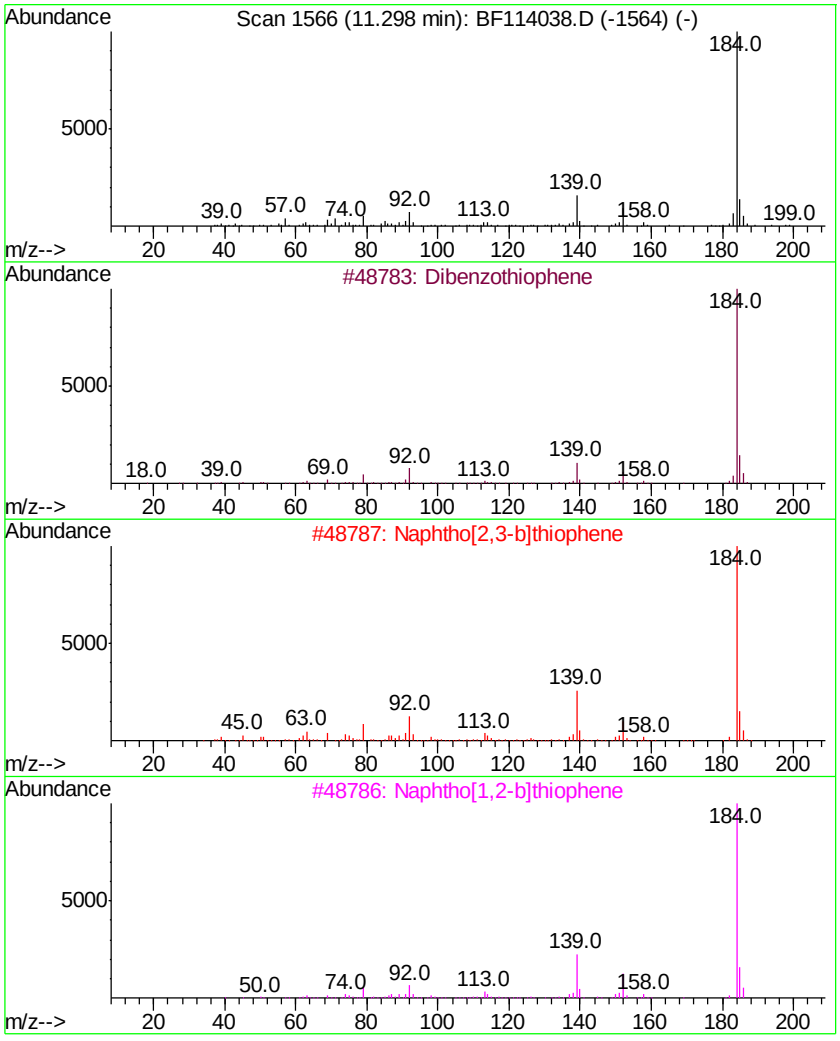
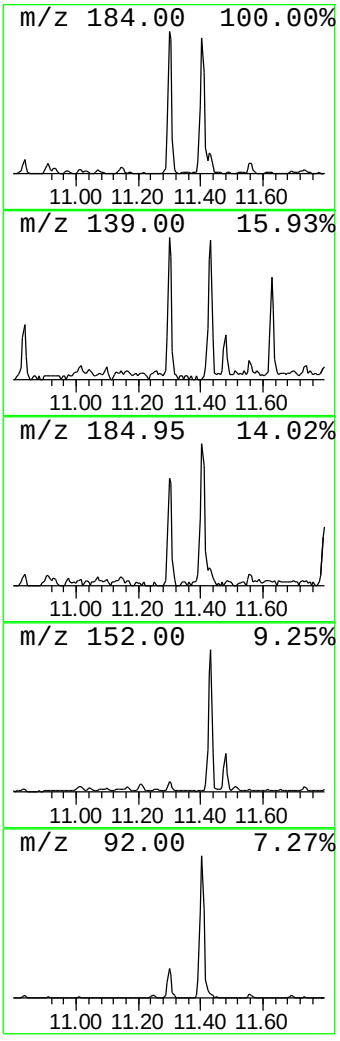
****

Peak Number 3 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.66 ng	211618	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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TIC Library : C:\DATABASE\NIST11.L
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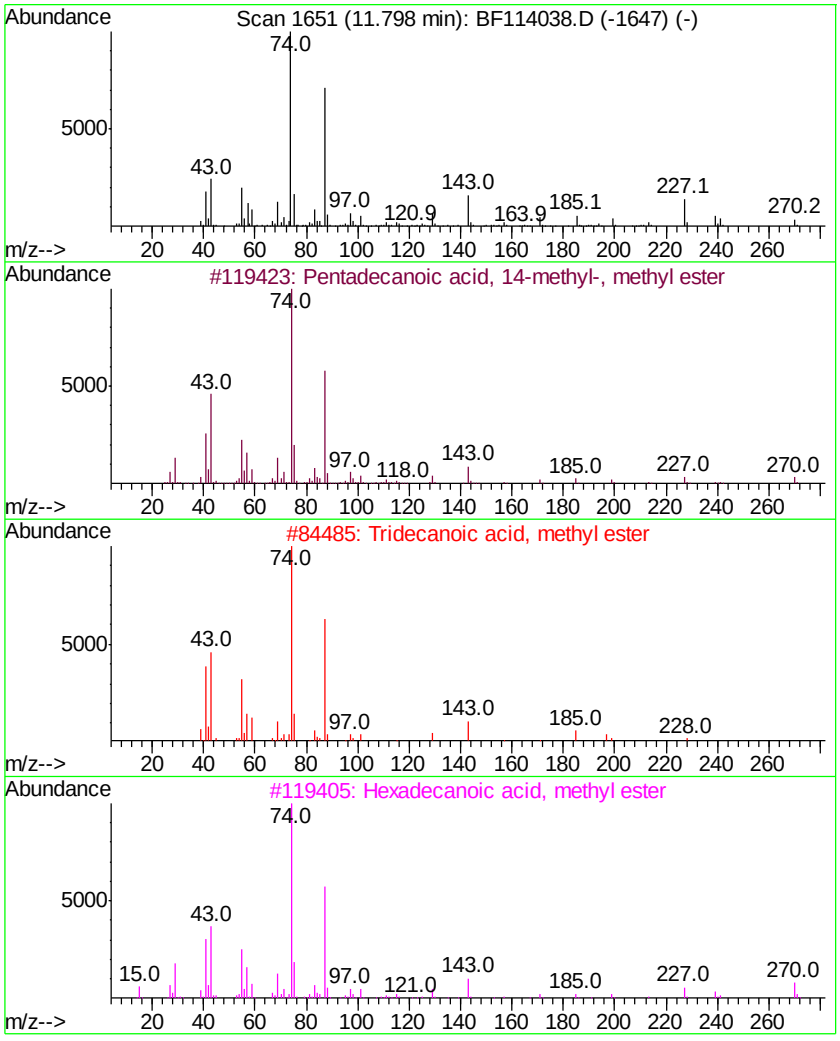
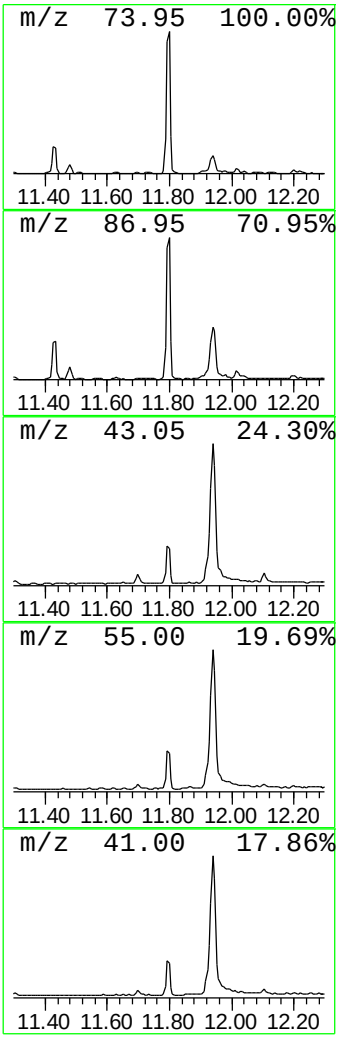
****

Peak Number 4 Pentadecanoic acid, 14-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.70 ng	445613	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	81
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	78
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	64





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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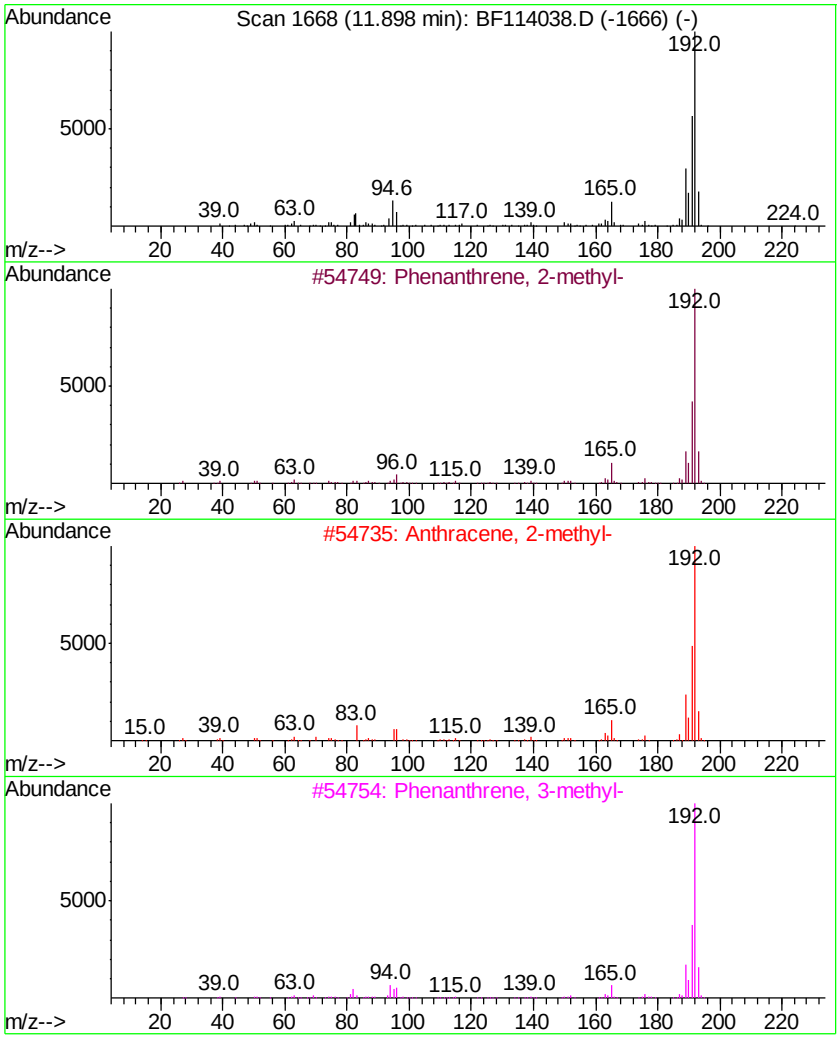
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

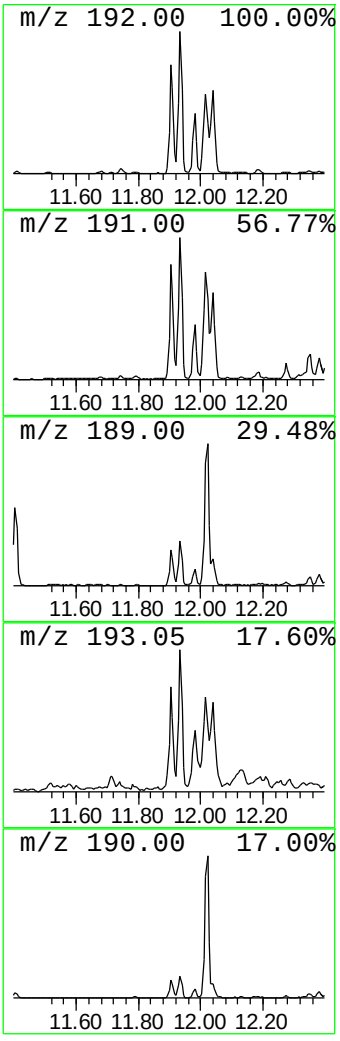
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	6.73 ng	389517	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

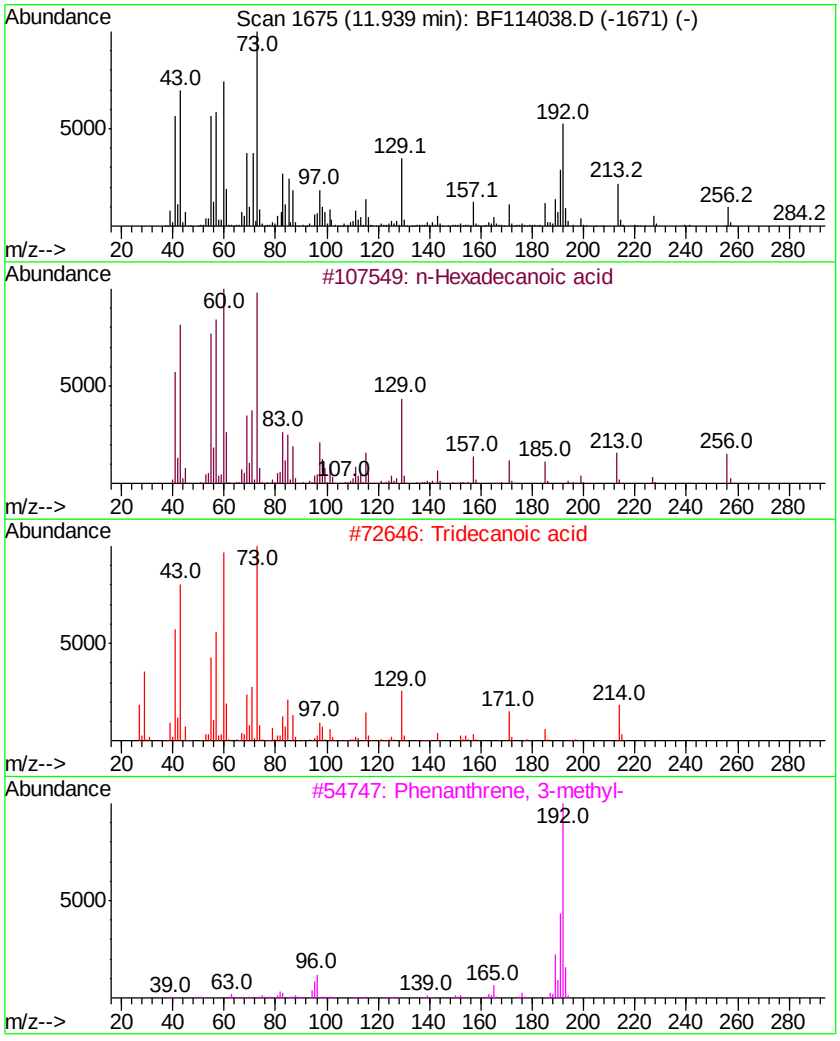
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

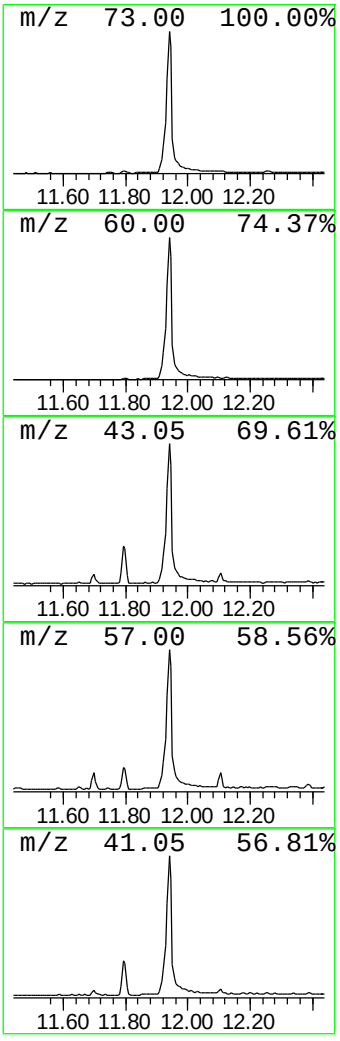
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	39.86 ng	2307740	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	59
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	56
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	56





Library Search Compound Report

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Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

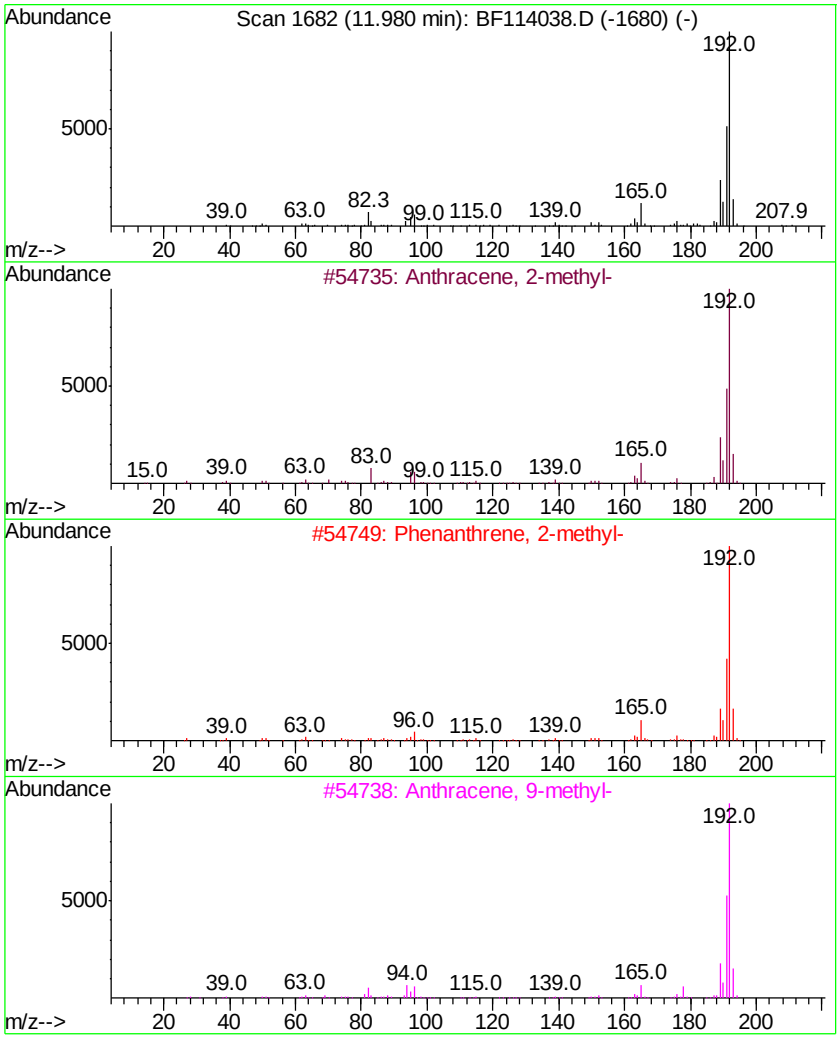
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

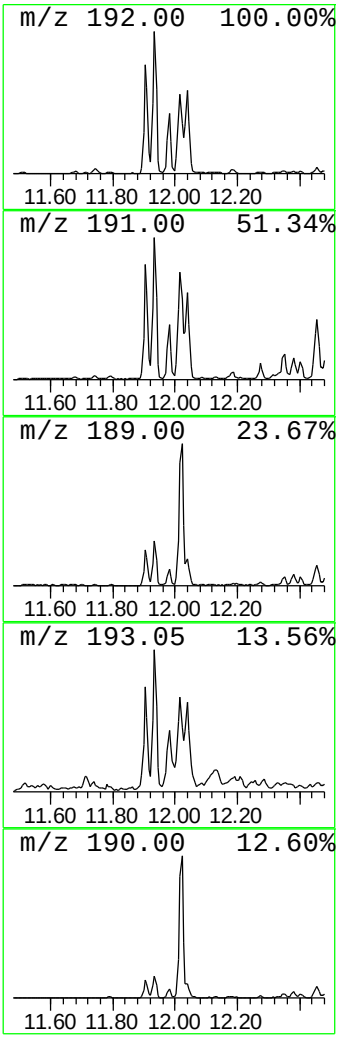
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.36 ng	252313	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Misc :
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ClientSampleId : OR-02-042919-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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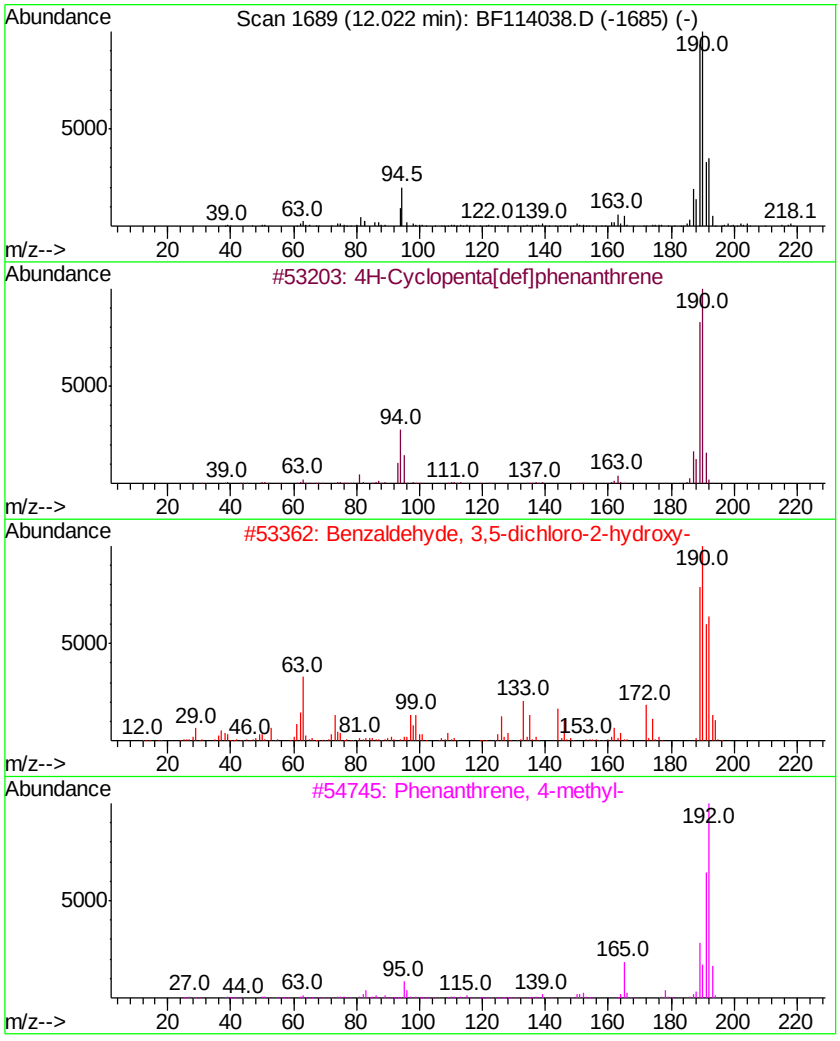
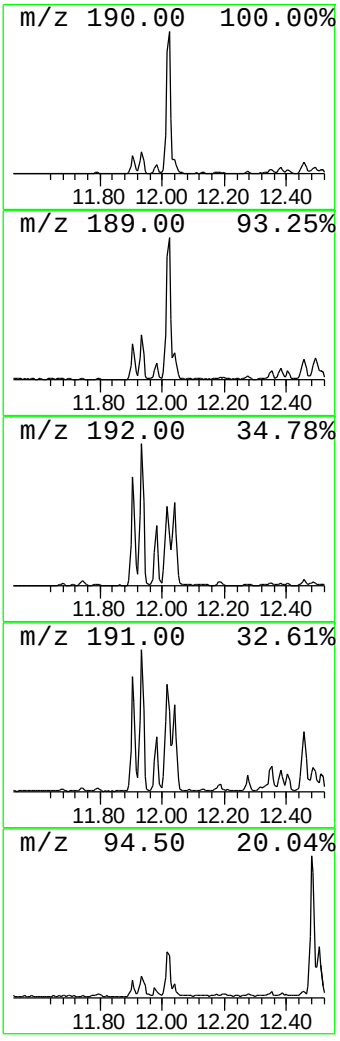
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	13.82 ng	799931	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25





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ClientSampleId : OR-02-042919-B

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

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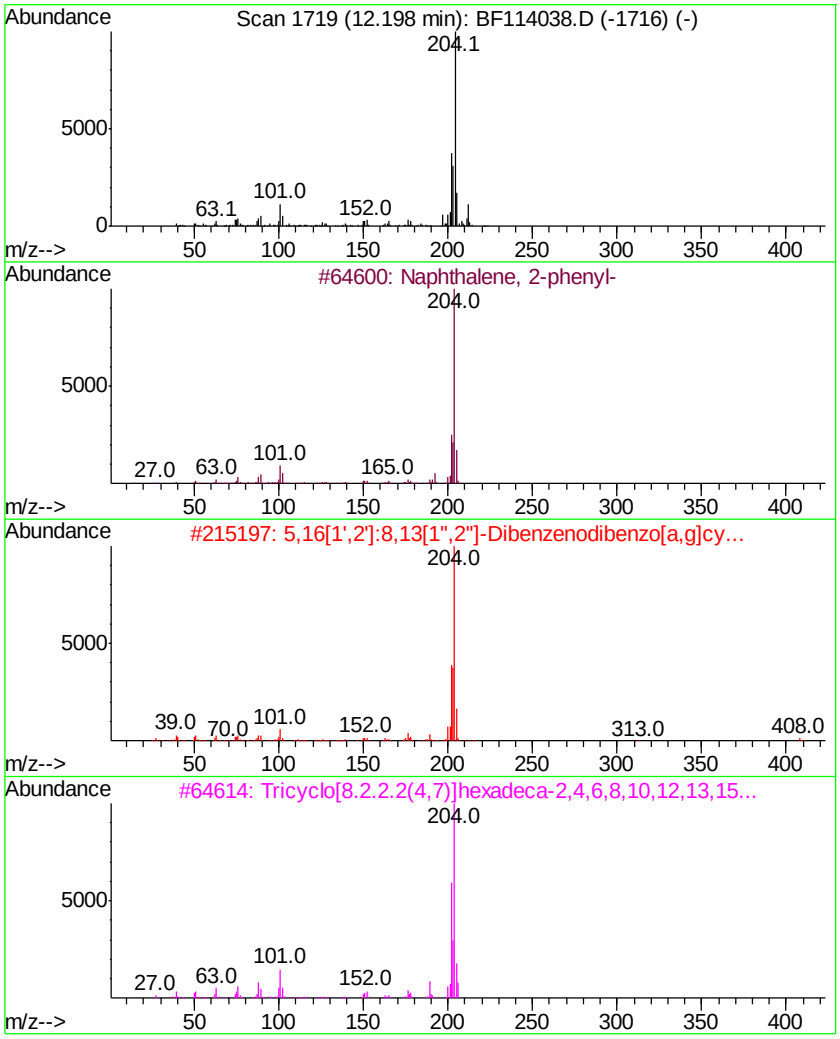
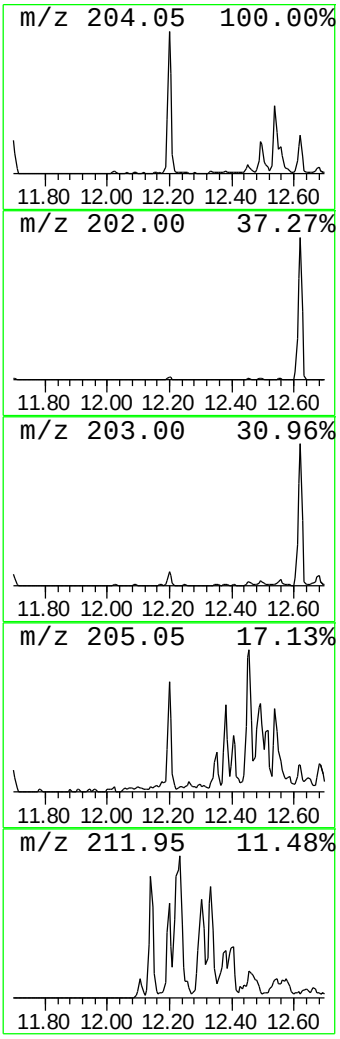
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.74 ng	216313	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





Library Search Compound Report

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Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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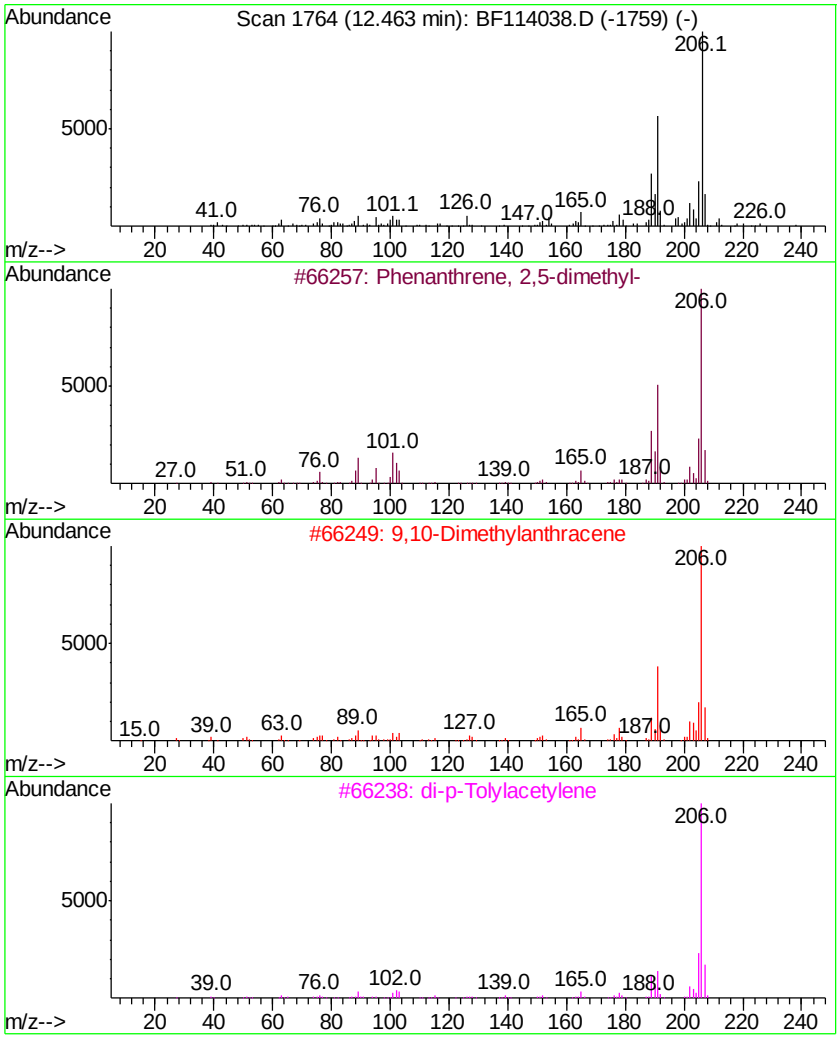
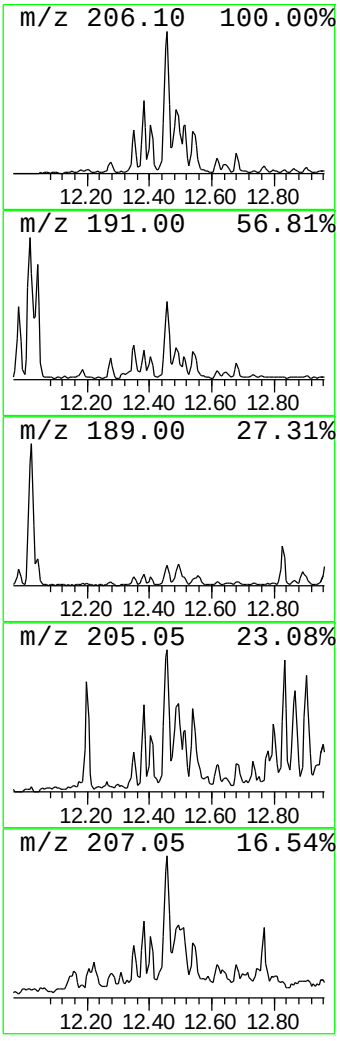
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.96 ng	287399	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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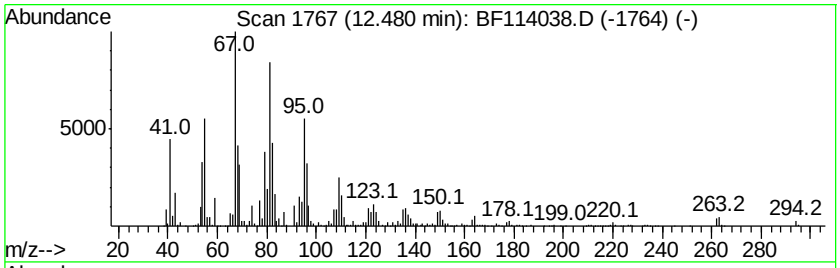
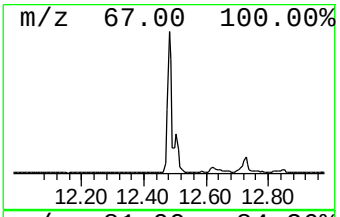
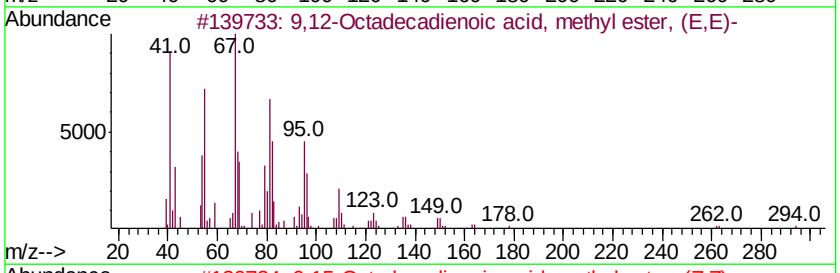
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 4

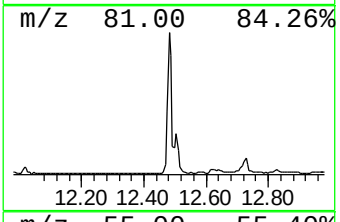
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	30.63 ng	1773230	Phenanthrene-d10	11.40

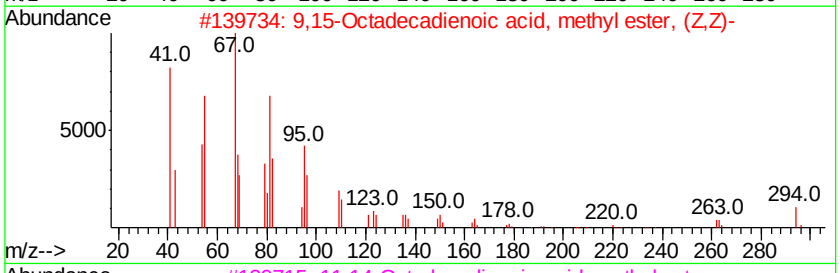
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99

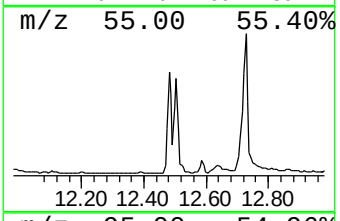


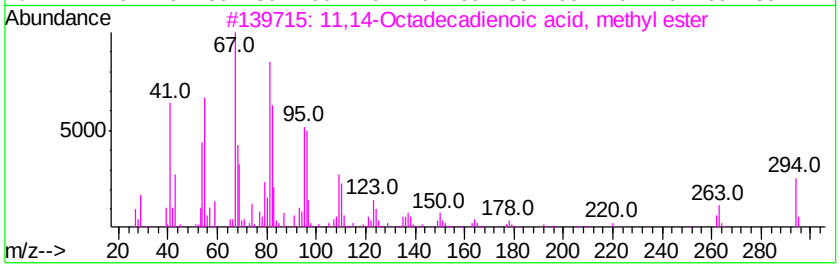


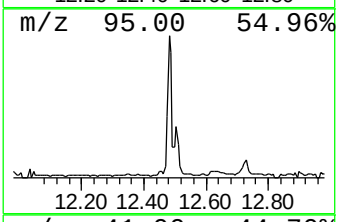


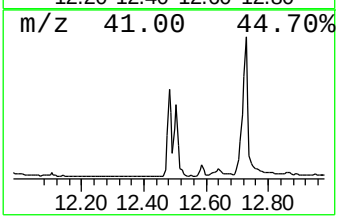












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Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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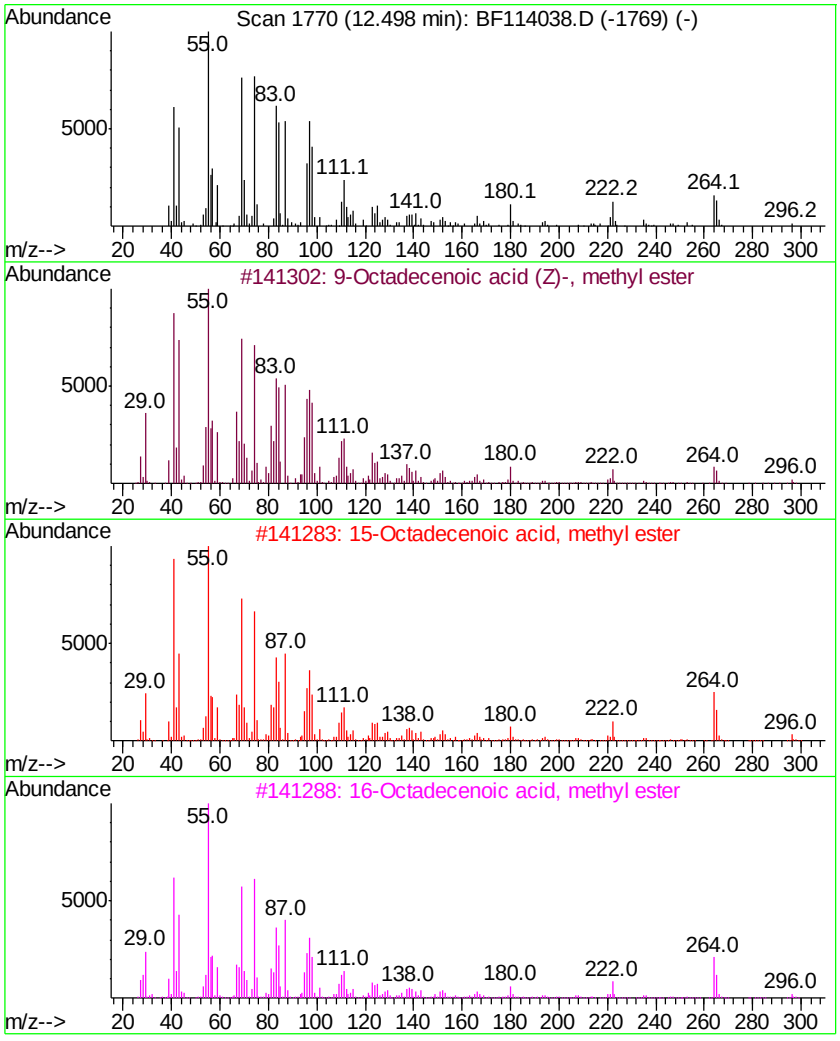
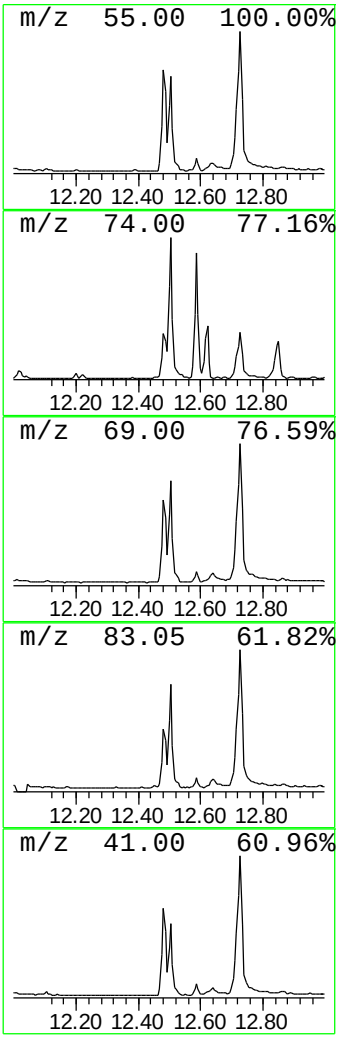
Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	20.72 ng	1199740	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	97





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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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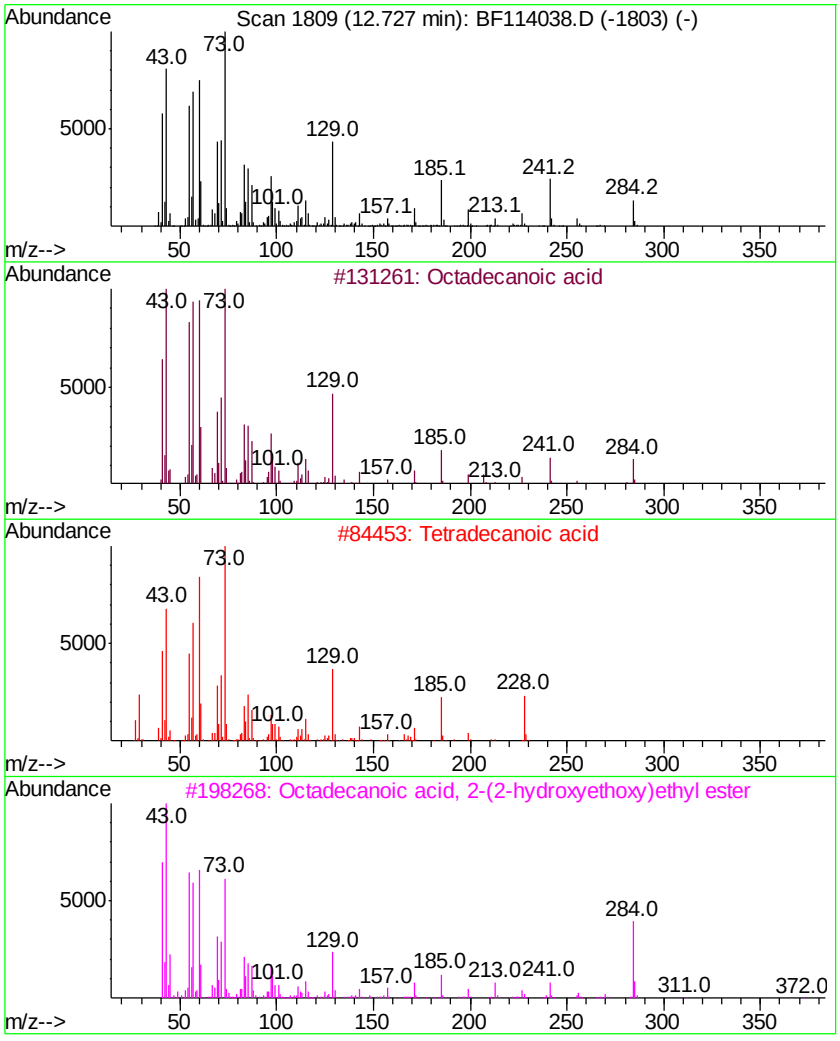
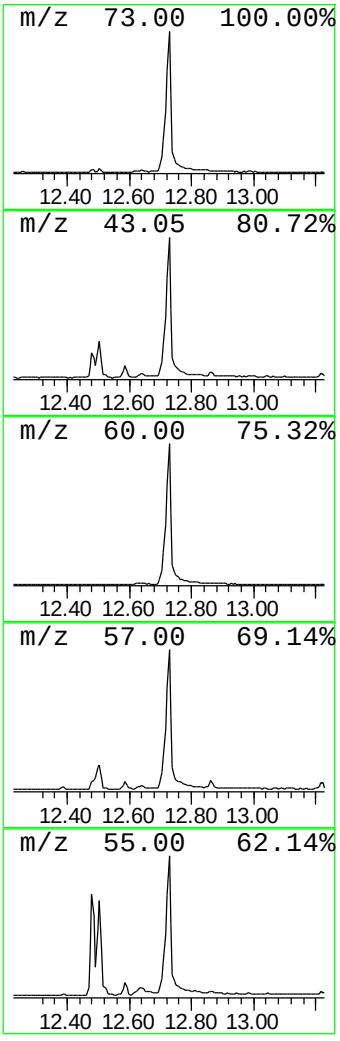
Peak Number 13 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	51.59 ng	2986540	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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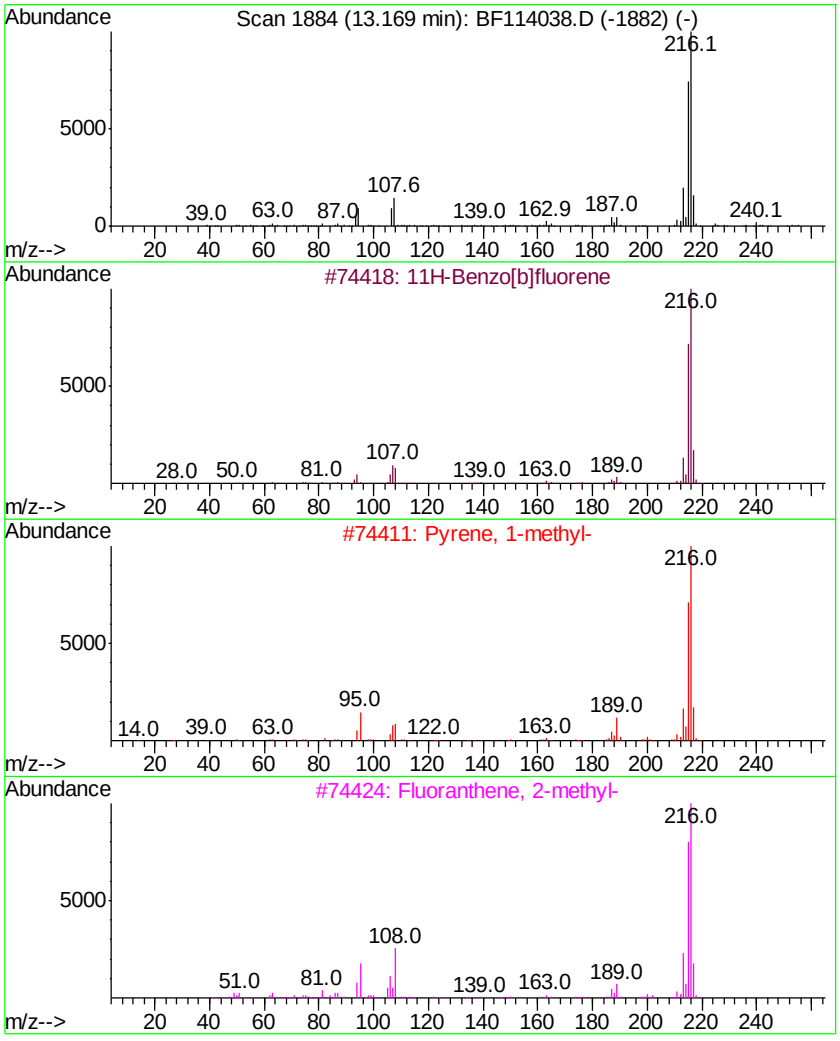
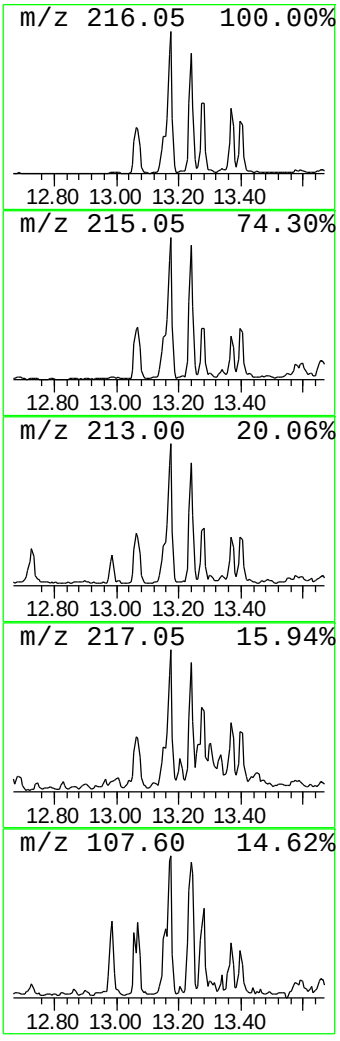
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.37 ng	511253	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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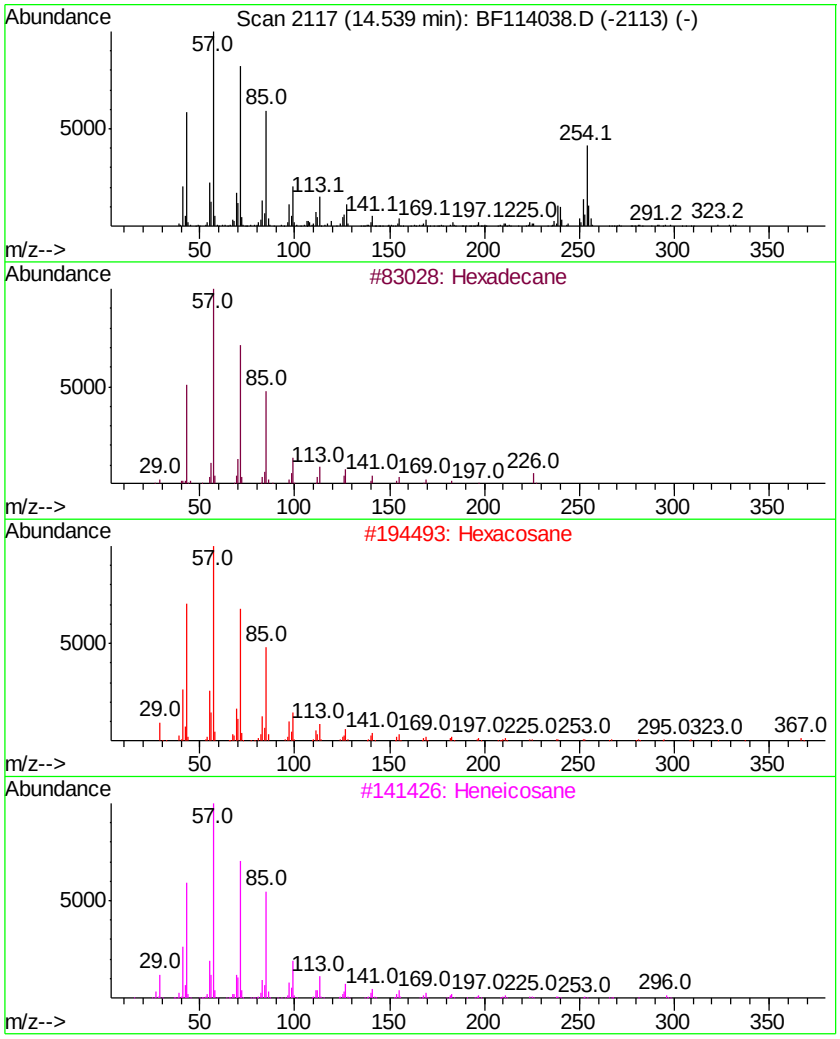
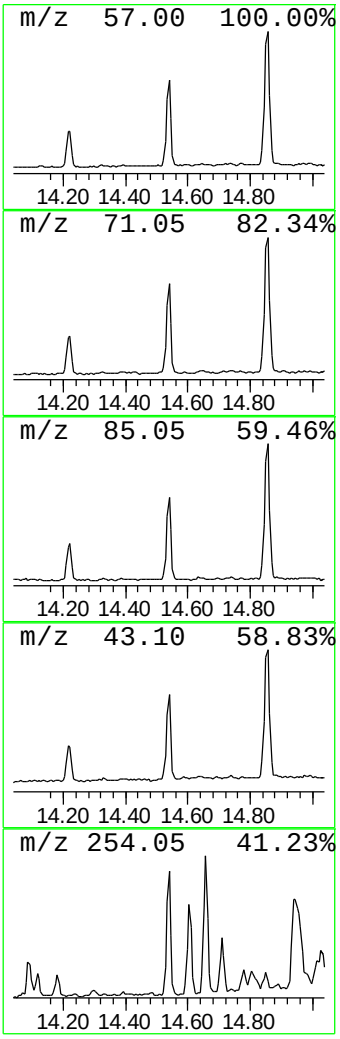
Peak Number 15 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.98 ng	603813	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Hexacosane	366	C26H54	000630-01-3	60
3	Heneicosane	296	C21H44	000629-94-7	60
4	Tetracosane	338	C24H50	000646-31-1	53
5	2-methyloctacosane	408	C29H60	1000376-72-8	53





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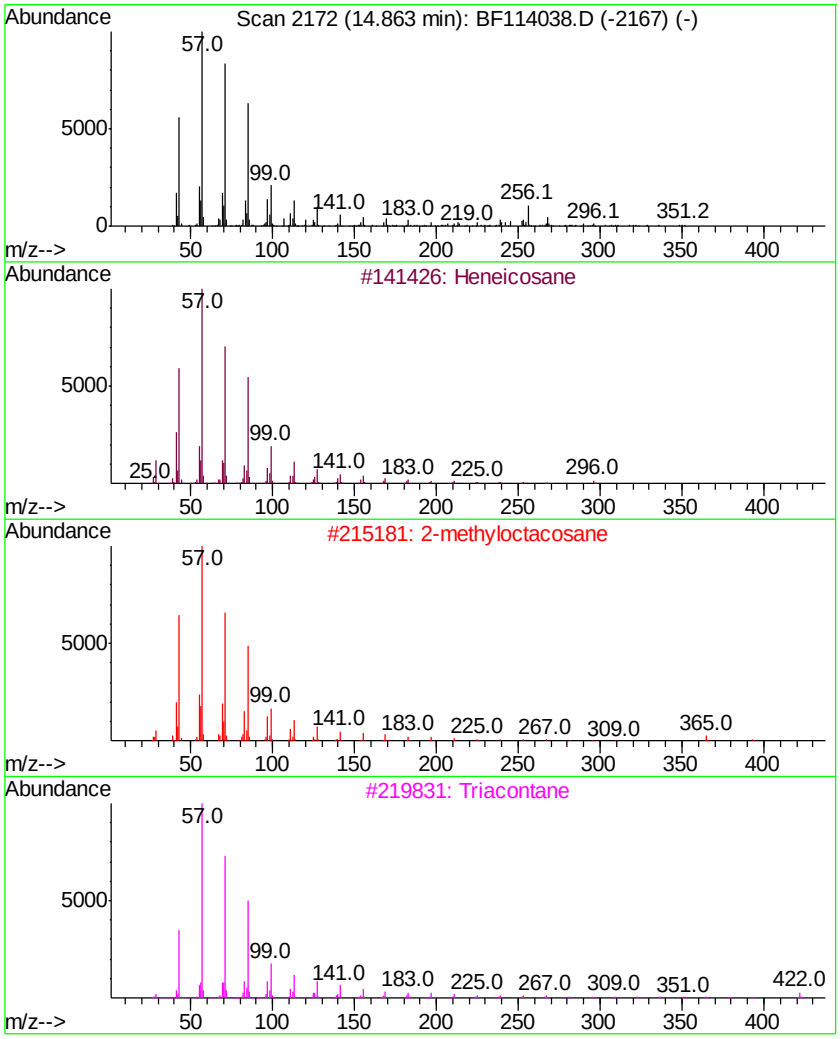
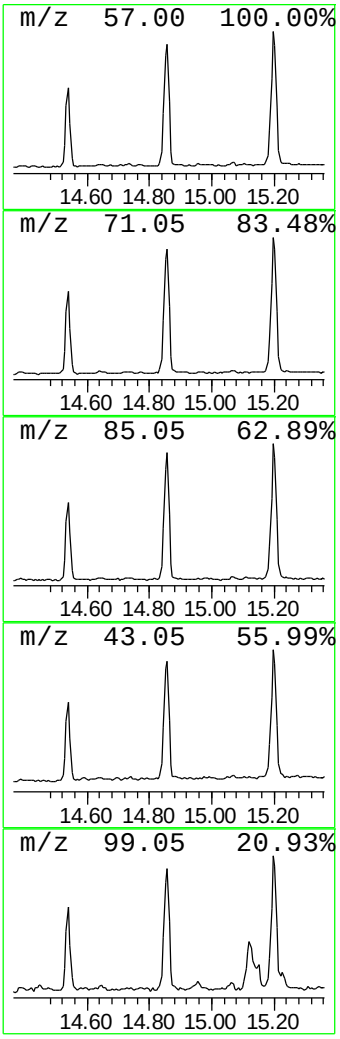
Peak Number 16 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	10.18 ng	610937	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





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Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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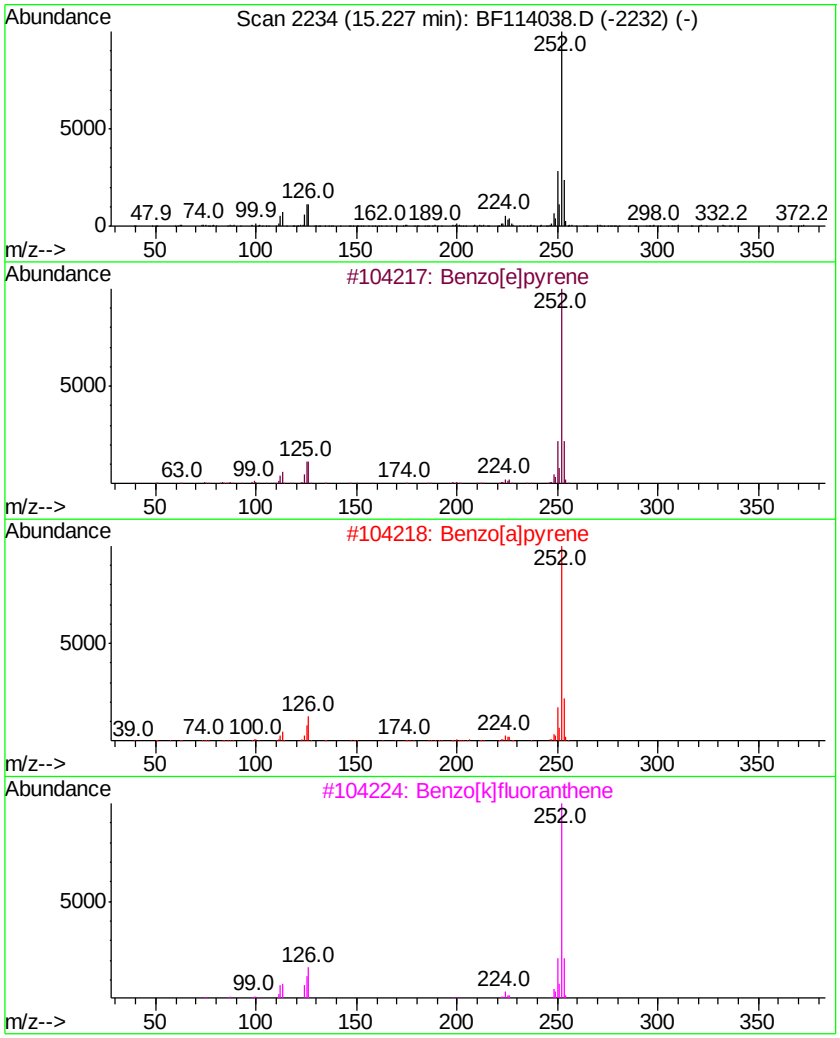
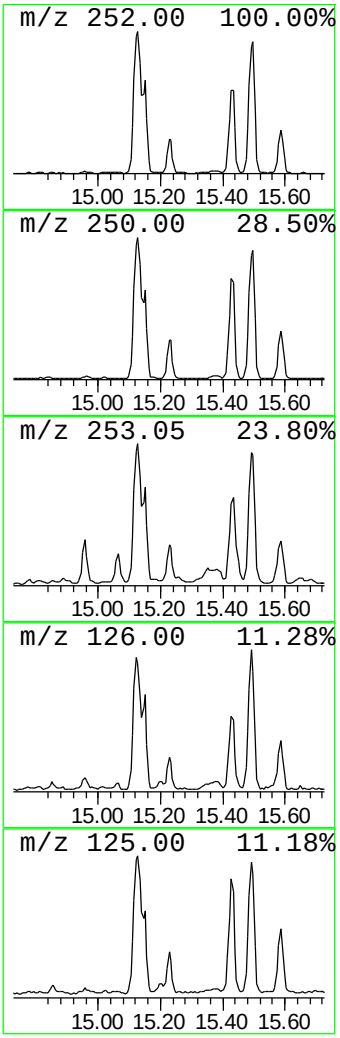
Peak Number 17 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	5.51 ng	330708	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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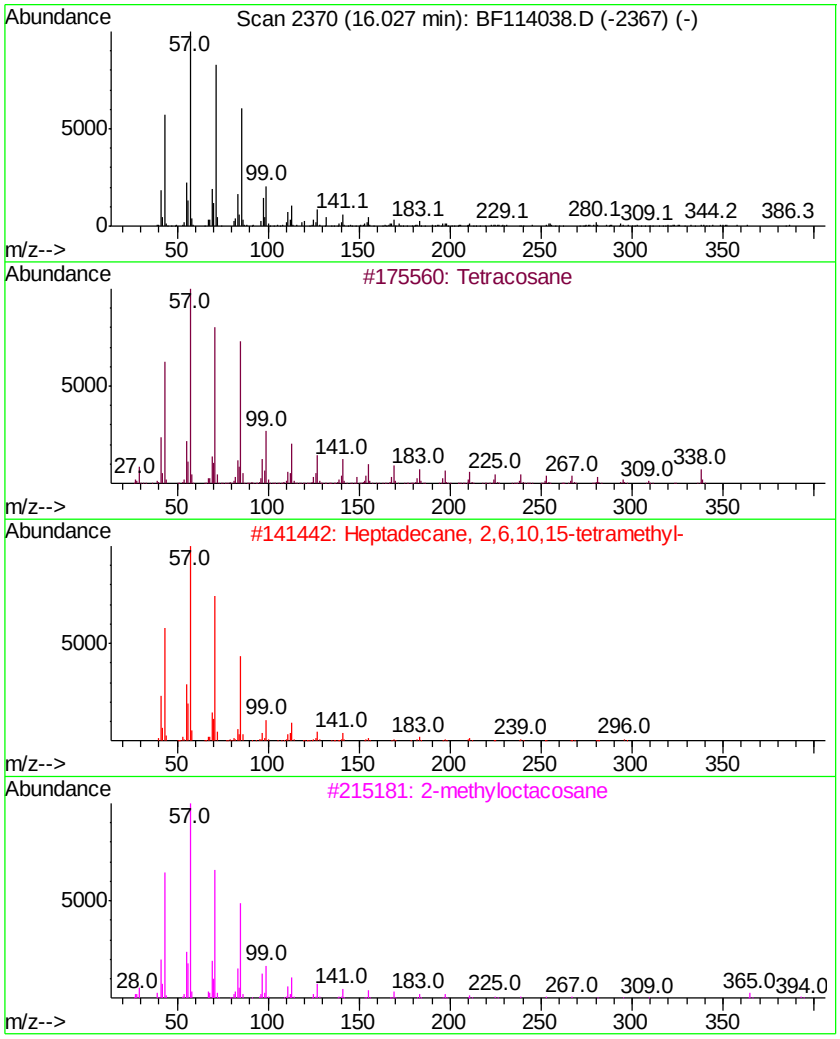
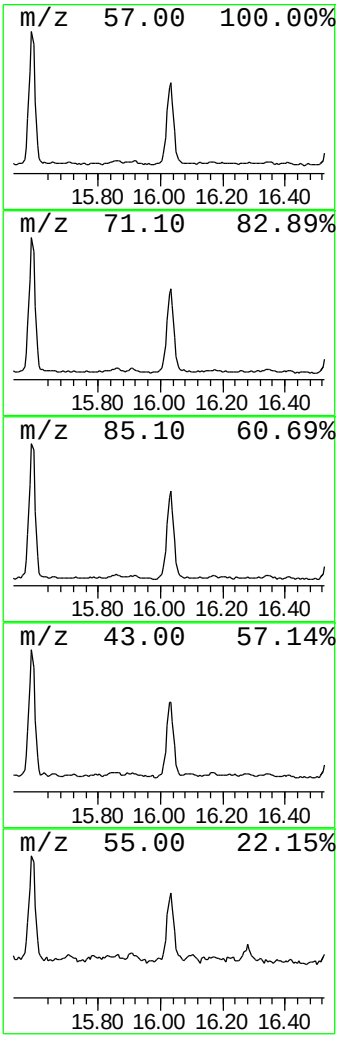
Peak Number 19 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	7.58 ng	455036	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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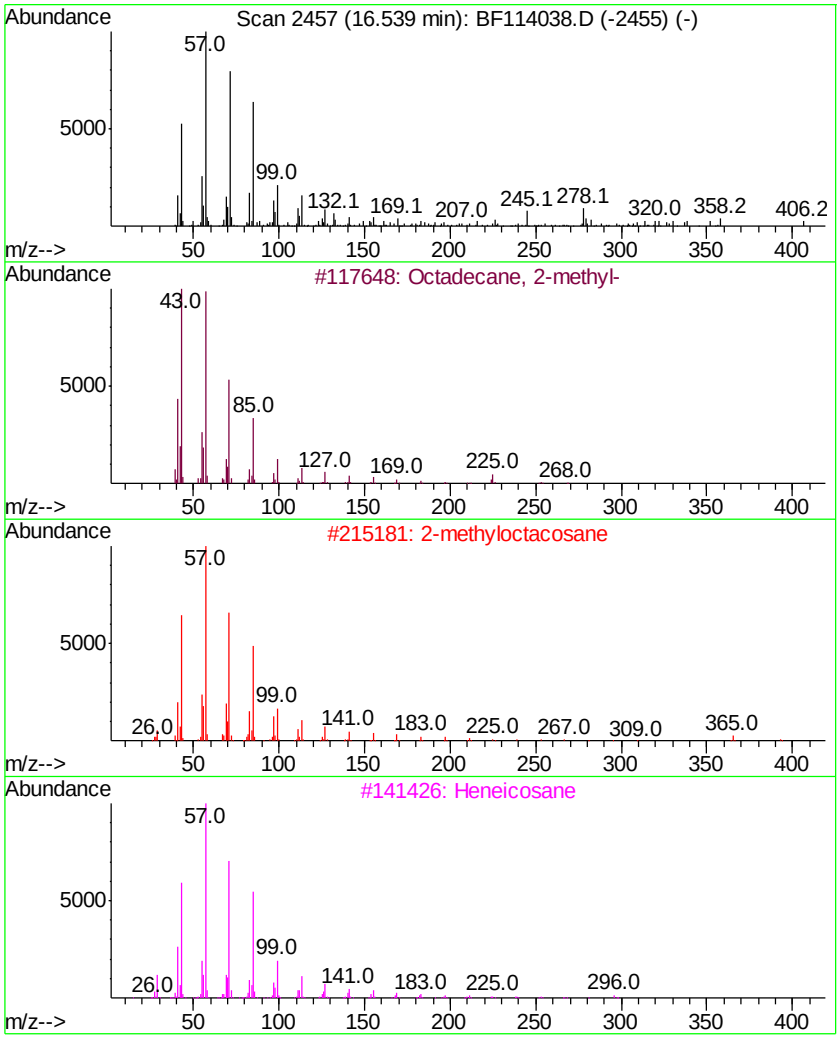
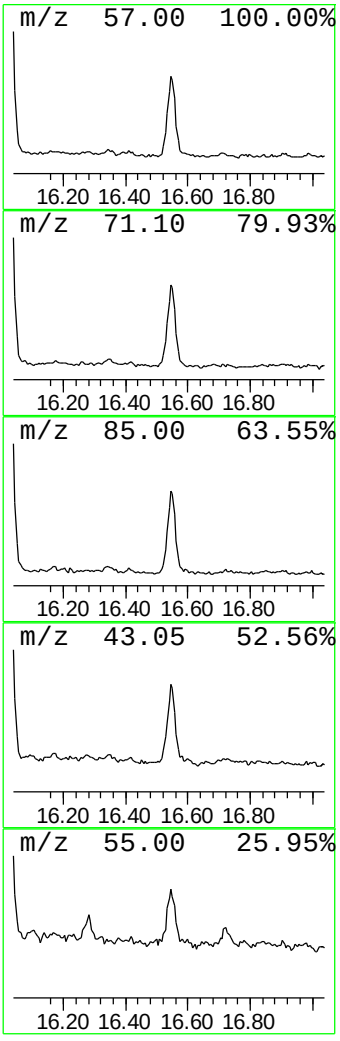
Peak Number 20 Octadecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.65 ng	219297	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
2	2-methyloctacosane	408	C29H60	1000376-72-8	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
5	Hexacosane	366	C26H54	000630-01-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
Data File : BF114038.D
Acq On : 30 Apr 2019 13:32
Operator : JU/SJ
Sample : K2199-19 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	33.7	ng	1236560	1	6.89	734761	20.0
Dibenzothiophene	11.30	3.7	ng	211618	4	11.40	1157900	20.0
Pentadecanoic aci...	11.80	7.7	ng	445613	4	11.40	1157900	20.0
Phenanthrene, 2-m...	11.90	6.7	ng	389517	4	11.40	1157900	20.0
n-Hexadecanoic acid	11.94	39.9	ng	2307740	4	11.40	1157900	20.0
Anthracene, 2-met...	11.98	4.4	ng	252313	4	11.40	1157900	20.0
4H-Cyclopenta[def...	12.02	13.8	ng	799931	4	11.40	1157900	20.0
Naphthalene, 2-ph...	12.20	3.7	ng	216313	4	11.40	1157900	20.0
Phenanthrene, 2,5...	12.46	5.0	ng	287399	4	11.40	1157900	20.0
9,12-Octadecadien...	12.48	30.6	ng	1773230	4	11.40	1157900	20.0
9-Octadecenoic ac...	12.50	20.7	ng	1199740	4	11.40	1157900	20.0
Octadecanoic acid	12.73	51.6	ng	2986540	4	11.40	1157900	20.0
11H-Benzo[b]fluorene	13.17	3.4	ng	511253	5	14.05	3037110	20.0
Hexadecane	14.54	4.0	ng	603813	5	14.05	3037110	20.0
Heneicosane	14.86	10.2	ng	610937	6	15.56	1200320	20.0
Benzo[e]pyrene	15.23	5.5	ng	330708	6	15.56	1200320	20.0
Tetracosane	16.03	7.6	ng	455036	6	15.56	1200320	20.0
Octadecane, 2-met...	16.54	3.6	ng	219297	6	15.56	1200320	20.0