LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114673.D
Acq On : 30 May 2019 21:15
Operator : HP/JU
Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

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-BF052919.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	5.304	541	547	550	rBV	6395801	6984827	38.80%	2.898%
2	6.328	715	721	725	rBV	6313590	7528702	41.82%	3.123%
3	6.463	739	744	747	rBV	7647181	7569088	42.05%	3.140%
4	6.692	780	783	787	rBV	2729452	2190700	12.17%	0.909%
5	6.851	806	810	813	rVB	6680743	5914349	32.86%	2.454%
6	7.251	873	878	881	rBV	4629441	4838629	26.88%	2.007%
7	7.510	916	922	925	rVB	1128516	968747	5.38%	0.402%
8	7.975	997	1001	1003	rBV	3394040	2887795	16.04%	1.198%
9	7.992	1003	1004	1011	rVB	545468	389822	2.17%	0.162%
10	8.681	1118	1121	1125	rBV	307055	266345	1.48%	0.110%
11	8.781	1134	1138	1142	rVB	301173	234905	1.30%	0.097%
12	9.051	1179	1184	1187	rBV	8121505	7605706	42.25%	3.155%
13	9.304	1223	1227	1235	rVV2	135876	213686	1.19%	0.089%
14	9.381	1235	1240	1242	rVV	296822	292546	1.63%	0.121%
15	9.439	1247	1250	1253	rVV	988765	742387	4.12%	0.308%
16	9.581	1269	1274	1277	rVB	261062	258506	1.44%	0.107%
17	9.722	1292	1298	1300	rBV	3533805	3273337	18.18%	1.358%
18	9.751	1300	1303	1306	rVB	1621899	1231173	6.84%	0.511%
19	9.922	1327	1332	1336	rBV	833609	711702	3.95%	0.295%
20	9.998	1341	1345	1349	rBV	226353	380095	2.11%	0.158%
21	10.263	1386	1390	1393	rVV	1516166	1241412	6.90%	0.515%
22	10.328	1399	1401	1403	rVV	340185	309206	1.72%	0.128%
23	10.351	1403	1405	1407	rVV	281131	240666	1.34%	0.100%
24	10.422	1414	1417	1422	rVB	377349	391270	2.17%	0.162%
25	10.498	1426	1430	1435	rVV2	4589816	4318489	23.99%	1.792%
26	10.622	1447	1451	1456	rVV5	111740	192586	1.07%	0.080%
27	10.810	1476	1483	1485	rBV3	317335	557709	3.10%	0.231%
28	10.833	1485	1487	1491	rVV2	308993	287407	1.60%	0.119%
29	10.886	1494	1496	1500	rVB2	188952	208172	1.16%	0.086%
30	10.998	1512	1515	1520	rVB	524939	520074	2.89%	0.216%
31	11.057	1520	1525	1527	rBV2	312742	421828	2.34%	0.175%
32	11.086	1527	1530	1533	rVB	727791	583922	3.24%	0.242%
33	11.192	1544	1548	1550	rBV	3037270	3086217	17.15%	1.280%
34	11.222	1550	1553	1556	rVV	8992365	8908692	49.49%	3.696%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.269	1556	1561	1564	rVV	3167995	2701757	15.01%	1.121%
36	11.298	1564	1566	1570	rVB3	238610	266717	1.48%	0.111%
37	11.416	1580	1586	1590	rBV2	1231033	1242790	6.90%	0.516%
38	11.522	1601	1604	1607	rVB2	396633	338048	1.88%	0.140%
39	11.604	1616	1618	1621	rVB	234513	210568	1.17%	0.087%
40	11.692	1627	1633	1635	rBV	1810447	1715223	9.53%	0.712%
41	11.722	1635	1638	1640	rVV	2620857	2444313	13.58%	1.014%
42	11.763	1640	1645	1649	rVV2	8041335	11538064	64.10%	4.787%
43	11.804	1649	1652	1654	rVV	2823061	3078911	17.10%	1.277%
44	11.827	1654	1656	1659	rVB	1480667	1143341	6.35%	0.474%
45	11.992	1681	1684	1685	rBV	1032159	1008266	5.60%	0.418%
46	12.063	1694	1696	1700	rBV	247340	236457	1.31%	0.098%
47	12.139	1706	1709	1712	rVB	470636	371815	2.07%	0.154%
48	12.169	1712	1714	1716	rBV	306443	208960	1.16%	0.087%
49	12.192	1716	1718	1721	rVB	362134	294217	1.63%	0.122%
50	12.245	1723	1727	1730	rBV	898658	1007274	5.60%	0.418%
51	12.280	1730	1733	1735	rVV	498114	497723	2.77%	0.206%
52	12.327	1738	1741	1746	rVB3	551968	757262	4.21%	0.314%
53	12.410	1750	1755	1757	rBV	8127244	8222784	45.68%	3.411%
54	12.451	1757	1762	1770	rVV5	920598	1949045	10.83%	0.809%
55	12.551	1770	1779	1787	rVV	9651921	18000576	100.00%	7.468%
56	12.633	1787	1793	1795	rVV2	7739996	10137843	56.32%	4.206%
57	12.657	1795	1797	1806	rVB2	2687276	3318219	18.43%	1.377%
58	12.745	1809	1812	1814	rBV	541195	433797	2.41%	0.180%
59	12.780	1814	1818	1821	rVB	5764027	5751414	31.95%	2.386%
60	12.845	1824	1829	1832	rBV3	802656	1191570	6.62%	0.494%
61	12.933	1841	1844	1845	rBV3	596756	655390	3.64%	0.272%
62	12.951	1845	1847	1851	rVB	1469567	1462081	8.12%	0.607%
63	13.021	1856	1859	1862	rBV2	1510141	1537309	8.54%	0.638%
64	13.057	1862	1865	1867	rVV	1270887	1078275	5.99%	0.447%
65	13.080	1867	1869	1873	rVB	340039	341016	1.89%	0.141%
66	13.145	1877	1880	1883	rBV	729293	627914	3.49%	0.260%
67	13.180	1883	1886	1890	rBV	747151	773461	4.30%	0.321%
68	13.368	1908	1918	1922	rBV2	2334552	2827183	15.71%	1.173%
69	13.451	1929	1932	1938	rVB	773532	860027	4.78%	0.357%
70	13.563	1948	1951	1954	rBV2	781059	922457	5.12%	0.383%
71	13.598	1954	1957	1958	rVV	866510	759625	4.22%	0.315%

LSC Area Percent Report

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Acq On : 30 May 2019 21:15
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Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.616	1958	1960	1965	rVV2	662021	925053	5.14%	0.384%
73	13.657	1965	1967	1970	rVV	622655	624538	3.47%	0.259%
74	13.698	1970	1974	1978	rVB	3417978	3249610	18.05%	1.348%
75	13.821	1987	1995	1998	rBV3	8509728	15052735	83.62%	6.245%
76	13.845	1998	1999	2004	rVB	4706589	3165249	17.58%	1.313%
77	13.921	2009	2012	2015	rVB	824099	630103	3.50%	0.261%
78	14.010	2023	2027	2030	rBV2	3785490	3862485	21.46%	1.602%
79	14.133	2045	2048	2051	rVB2	425670	455421	2.53%	0.189%
80	14.168	2051	2054	2055	rBV	387687	356968	1.98%	0.148%
81	14.204	2056	2060	2063	rVV	1306078	1384611	7.69%	0.574%
82	14.233	2063	2065	2068	rVB	666604	601542	3.34%	0.250%
83	14.292	2073	2075	2076	rVV2	584922	493539	2.74%	0.205%
84	14.315	2076	2079	2082	rVV	4081895	4071175	22.62%	1.689%
85	14.345	2082	2084	2088	rVB3	623806	601338	3.34%	0.249%
86	14.498	2107	2110	2113	rBV3	457836	526532	2.93%	0.218%
87	14.610	2125	2129	2133	rVB	4343220	3924663	21.80%	1.628%
88	14.651	2134	2136	2138	rBV	242554	238185	1.32%	0.099%
89	14.821	2160	2165	2168	rBV	3504277	5940011	33.00%	2.464%
90	14.921	2178	2182	2186	rVB2	4073347	4548092	25.27%	1.887%
91	15.098	2207	2212	2216	rVB	2351972	2762551	15.35%	1.146%
92	15.151	2217	2221	2225	rVV	3249296	3990357	22.17%	1.655%
93	15.210	2227	2231	2233	rVV	1978763	2299217	12.77%	0.954%
94	15.233	2233	2235	2238	rVV	918866	1056092	5.87%	0.438%
95	15.268	2238	2241	2246	rVB	2671155	3331068	18.51%	1.382%
96	15.668	2304	2309	2314	rBV	2111311	3103209	17.24%	1.287%
97	16.127	2382	2387	2392	rBV	1387824	2225989	12.37%	0.923%
98	16.527	2450	2455	2462	rVB2	1367835	2449459	13.61%	1.016%
99	16.668	2473	2479	2486	rBV2	727052	1566902	8.70%	0.650%
100	16.921	2517	2522	2535	rVB	992996	1950919	10.84%	0.809%

Sum of corrected areas: 241050002

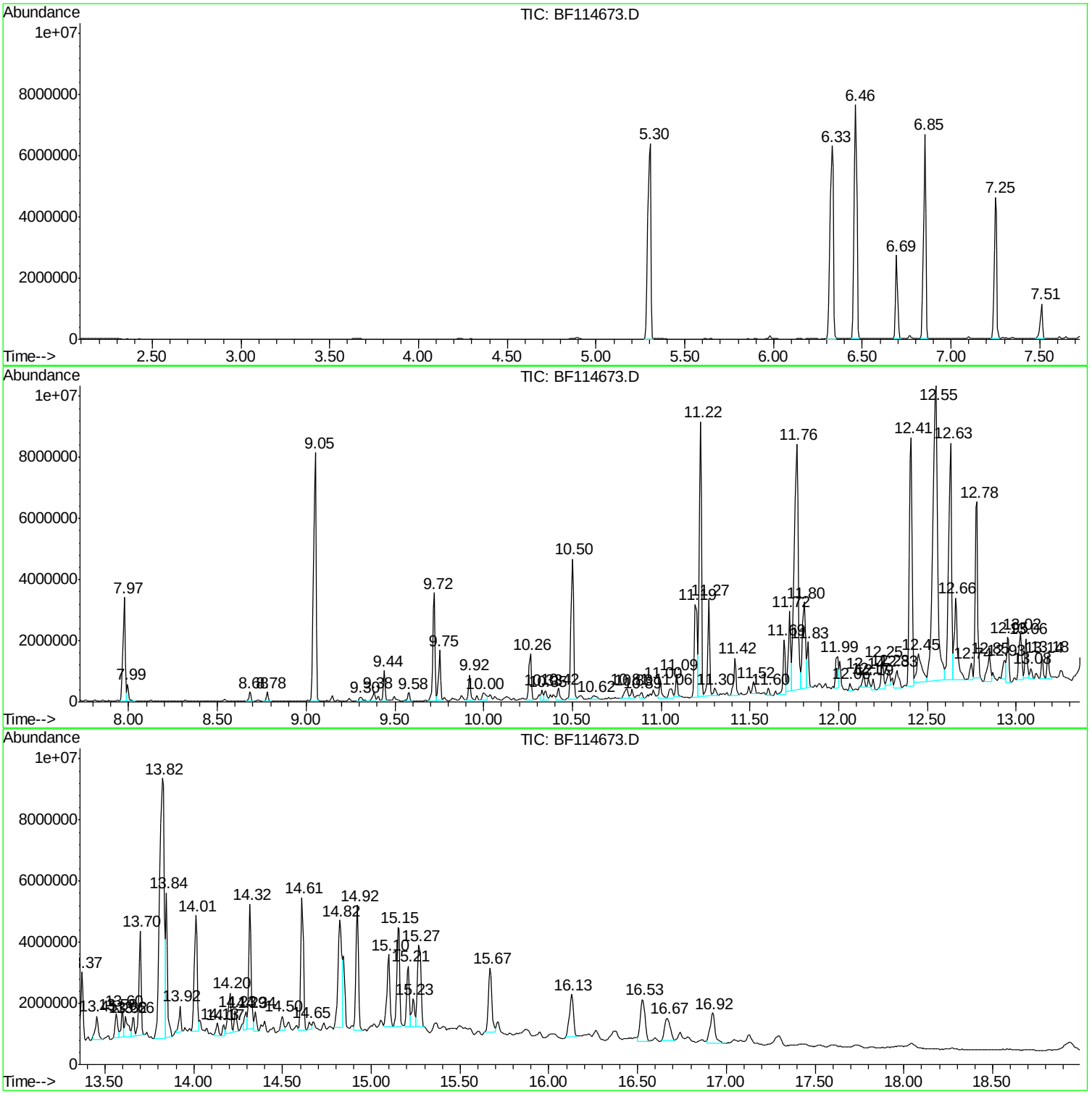
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114673.D
Acq On : 30 May 2019 21:15
Operator : HP/JU
Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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\BF053019\
Data File : BF114673.D
Acq On : 30 May 2019 21:15
Operator : HP/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

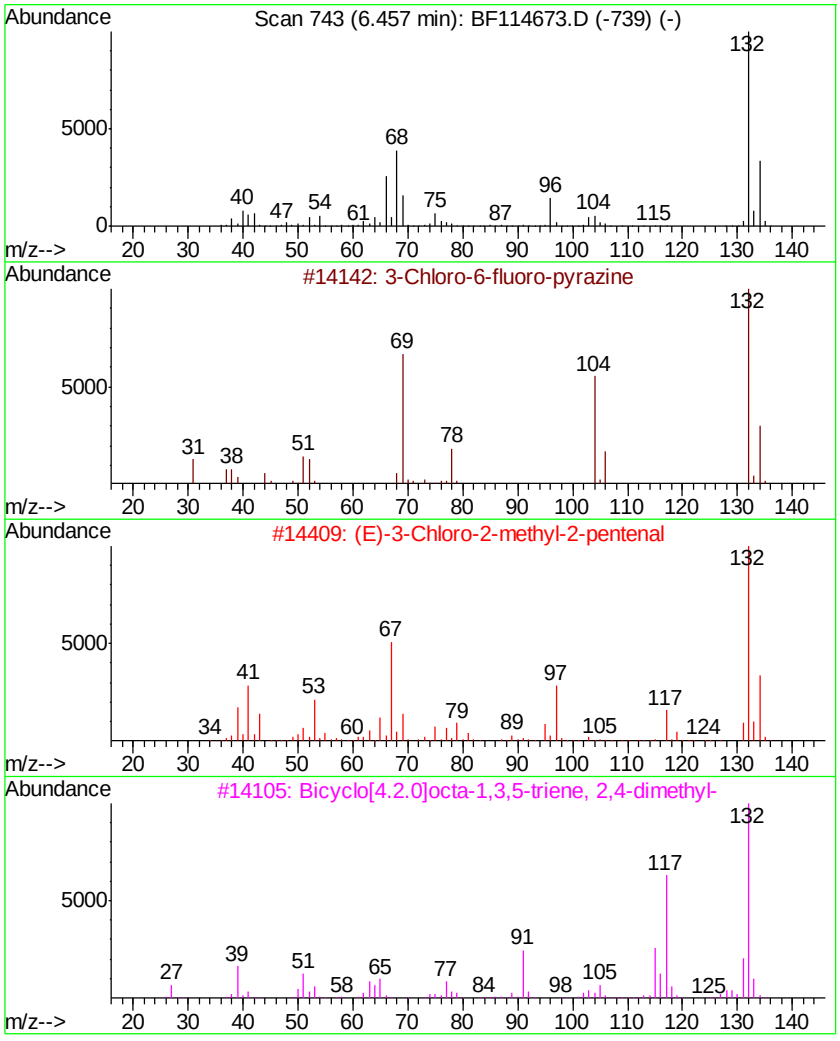
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

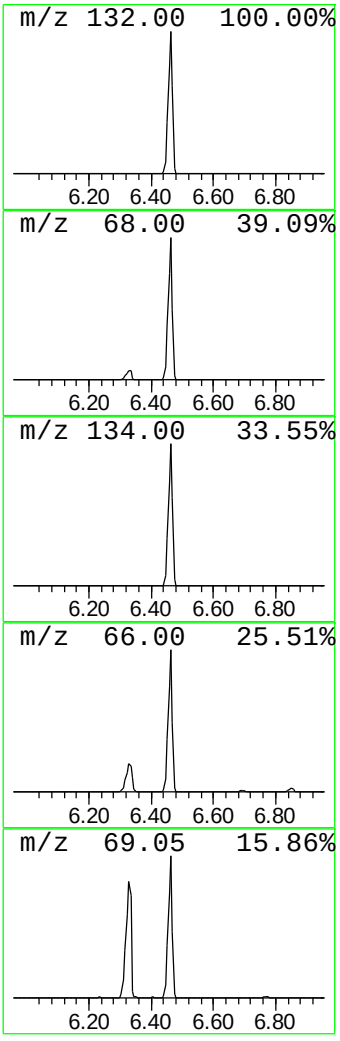
****

Peak Number 1 unknown6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	69.10 ng	7569090	1,4-Dichlorobenzene-d4	6.69

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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Acq On : 30 May 2019 21:15
Operator : HP/JU
Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

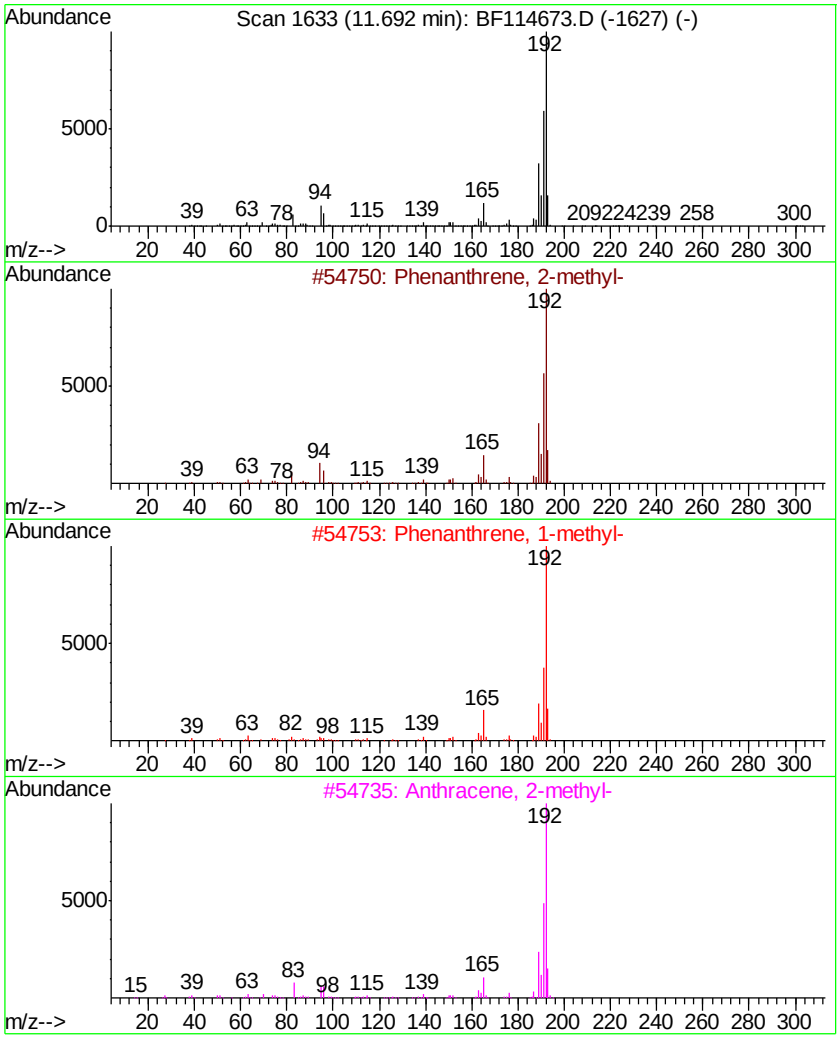
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

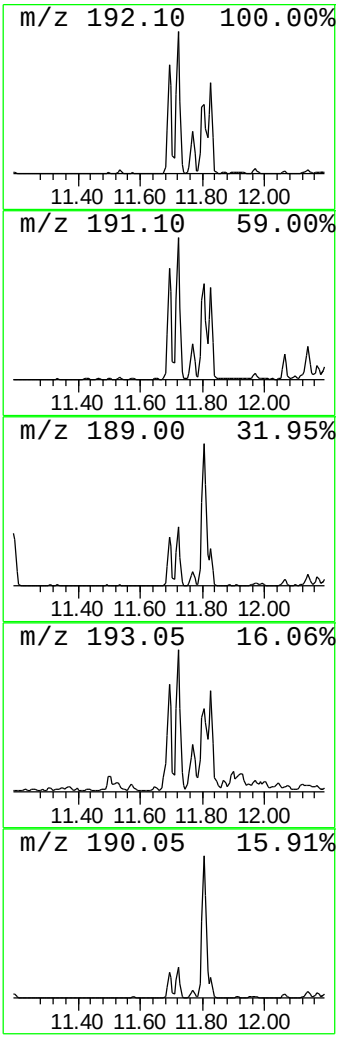
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	11.12 ng	1715220	Phenanthrene-d10	11.19

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	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
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TIC Library : C:\DATABASE\NIST11.L
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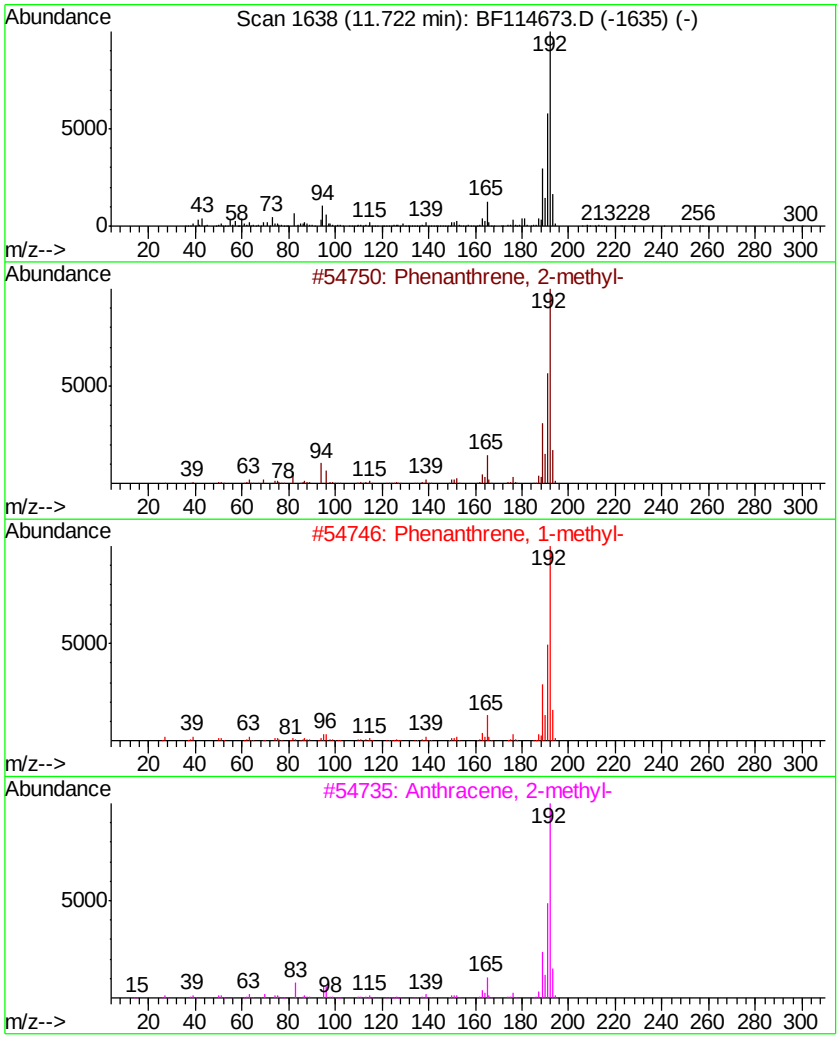
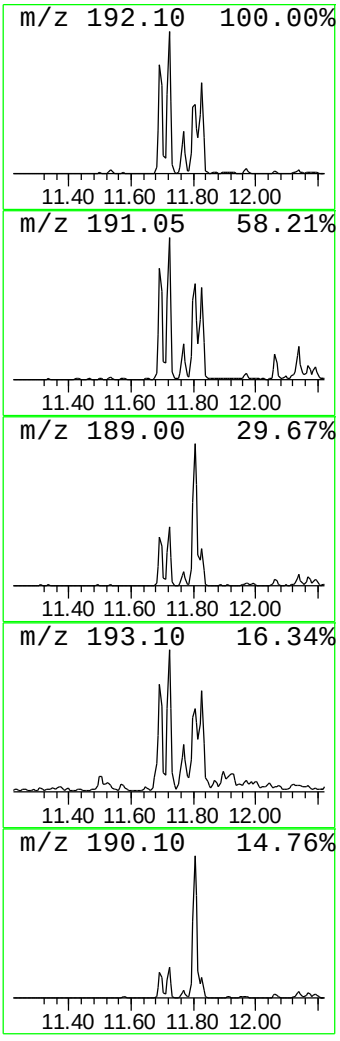
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	15.84 ng	2444310	Phenanthrene-d10	11.19

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	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114673.D
Acq On : 30 May 2019 21:15
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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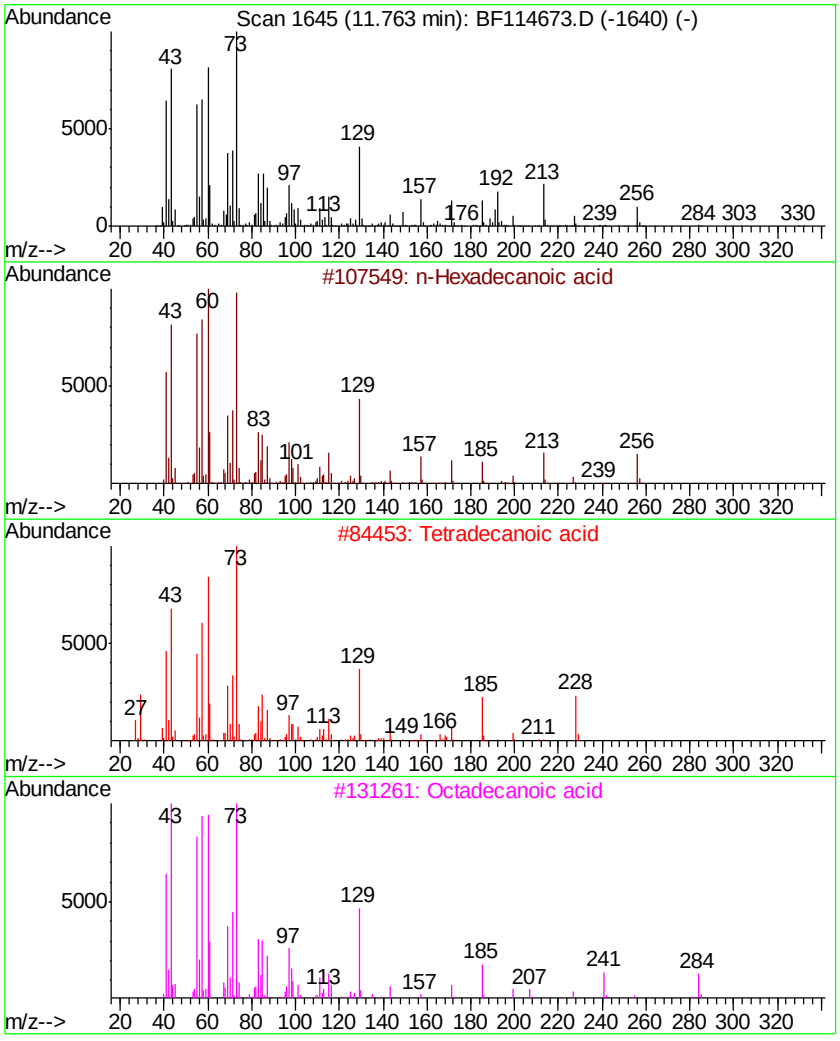
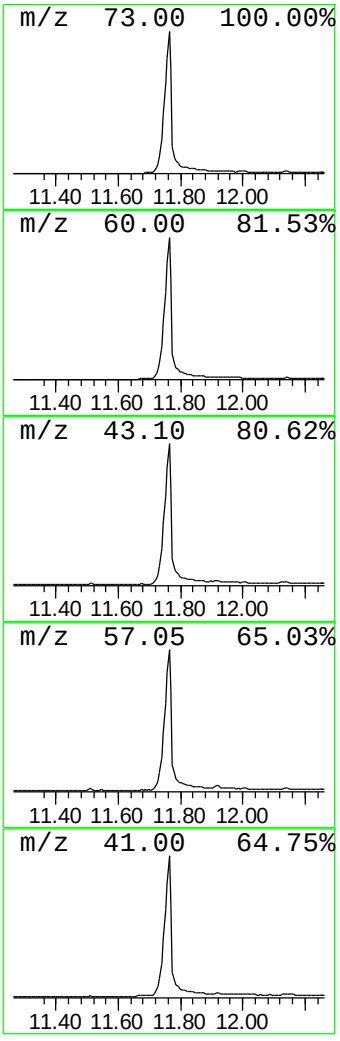
Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	74.77 ng	11538100	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114673.D
Acq On : 30 May 2019 21:15
Operator : HP/JU
Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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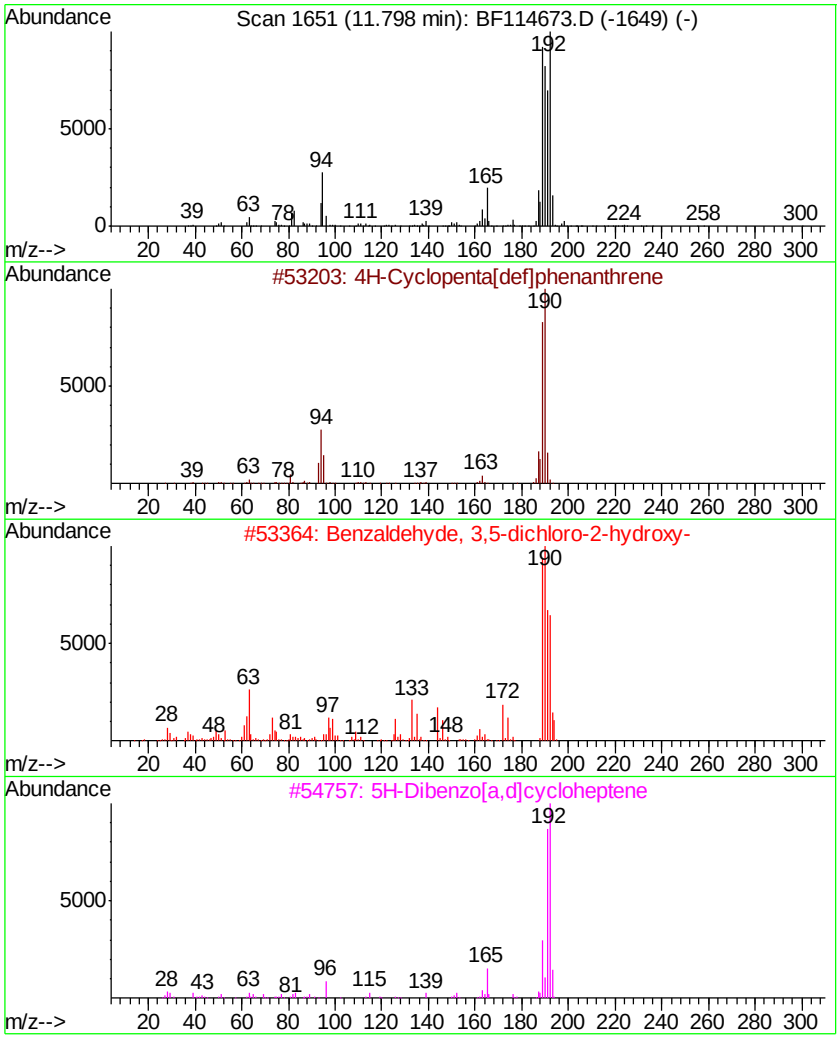
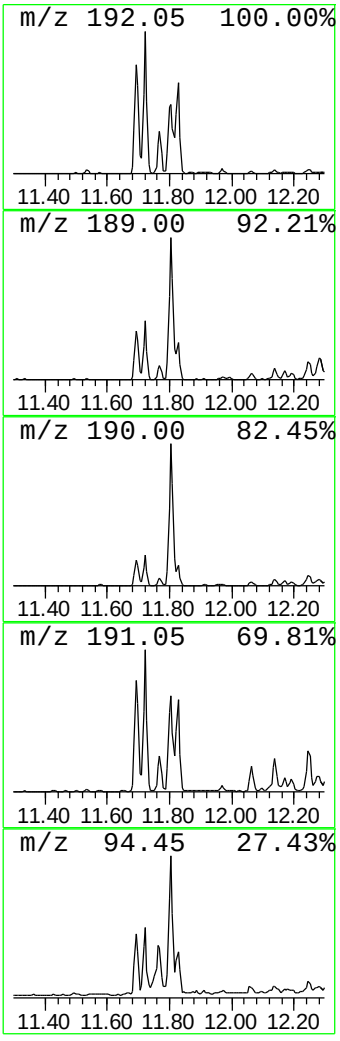
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	19.95 ng	3078910	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





Library Search Compound Report

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Acq On : 30 May 2019 21:15
Operator : HP/JU
Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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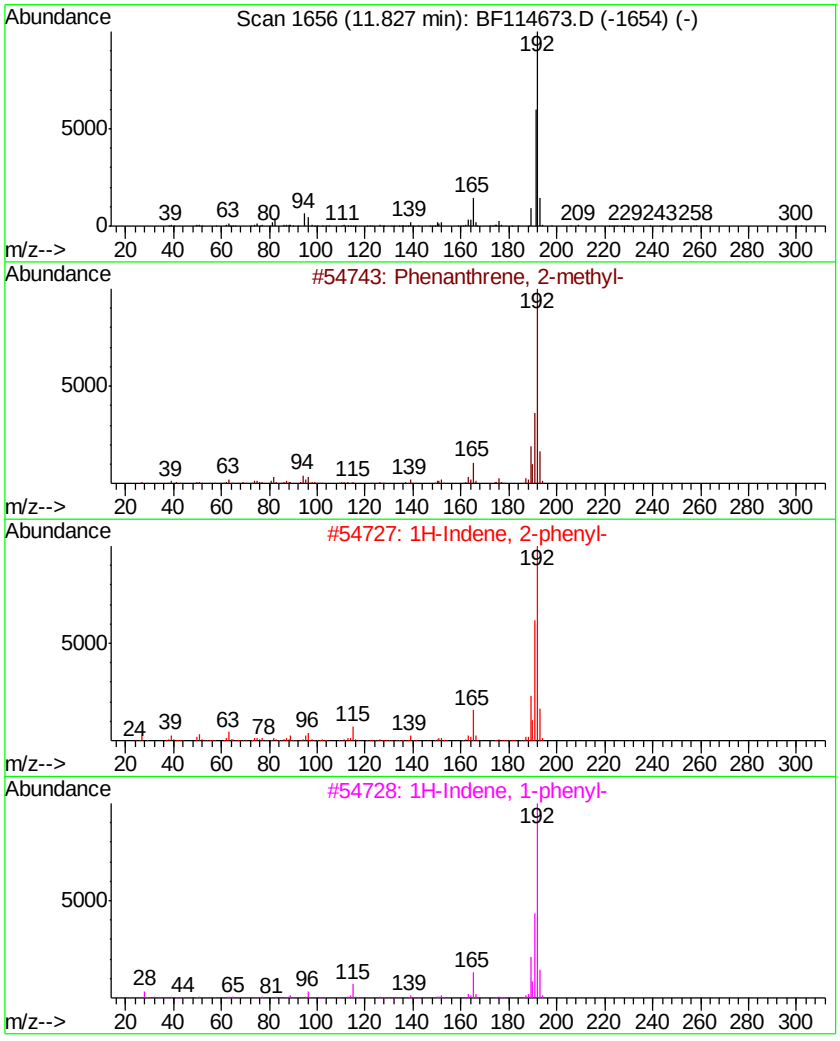
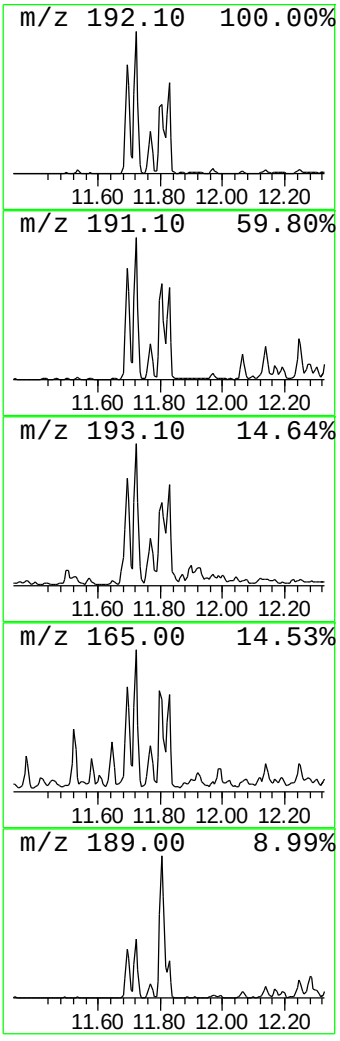
Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	7.41 ng	1143340	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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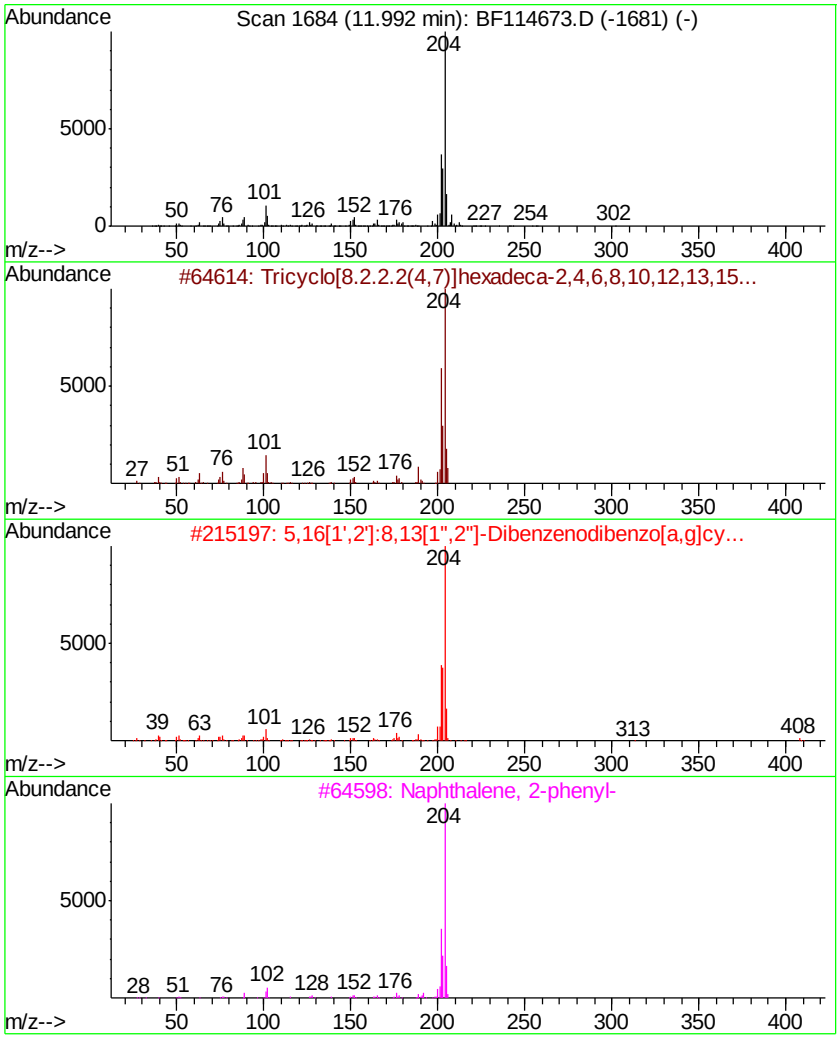
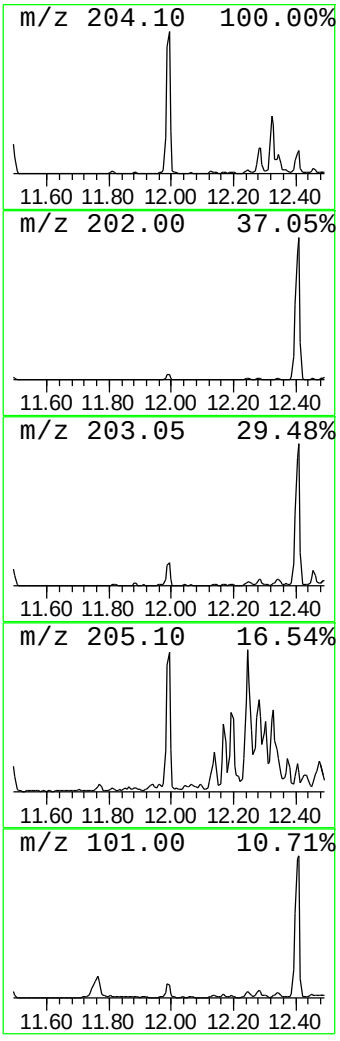
Peak Number 8 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.53 ng	1008270	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : B-6W(8-9)

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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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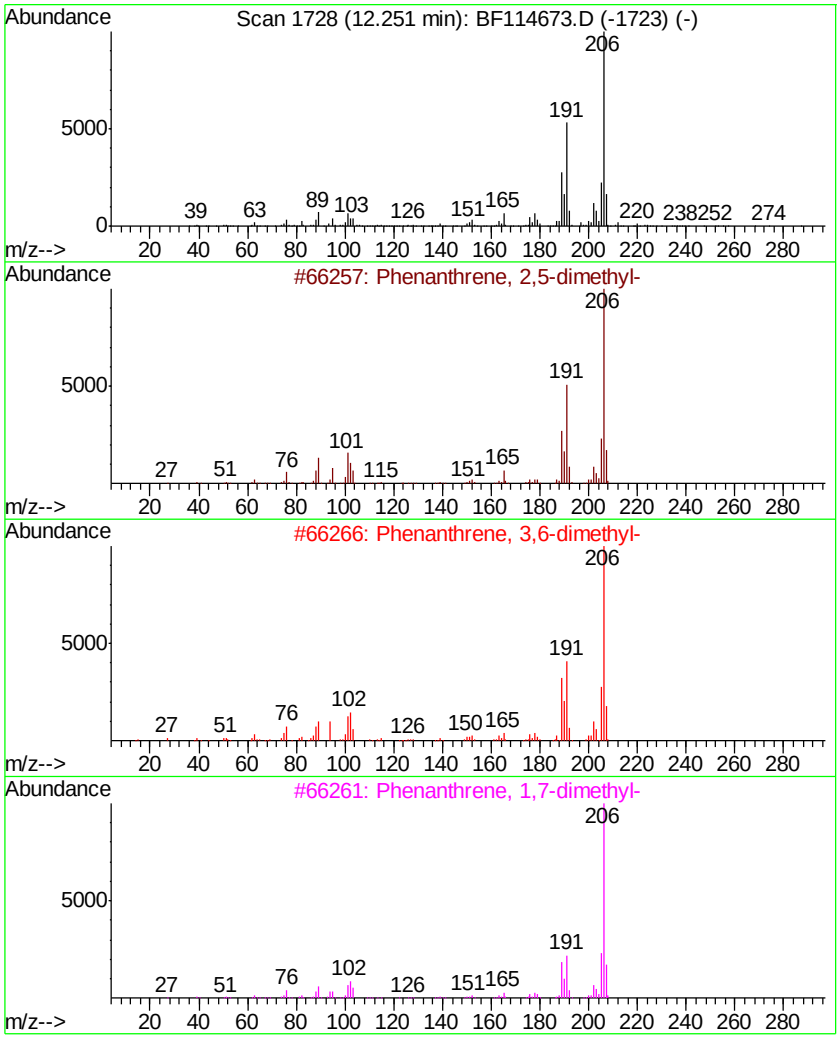
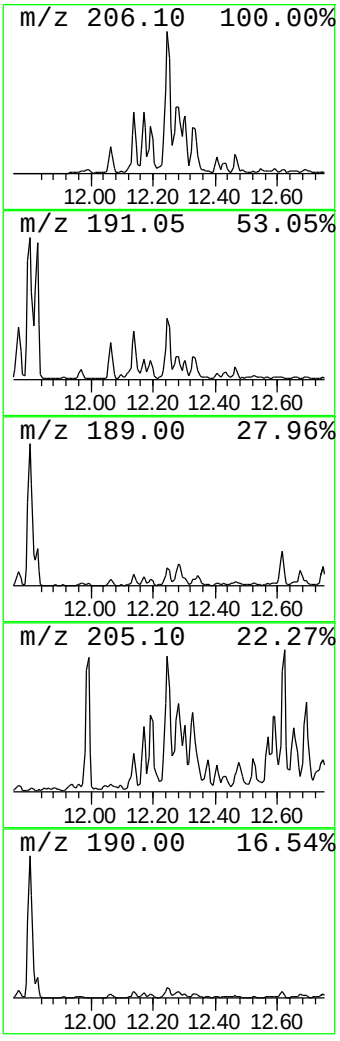
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	6.53 ng	1007270	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

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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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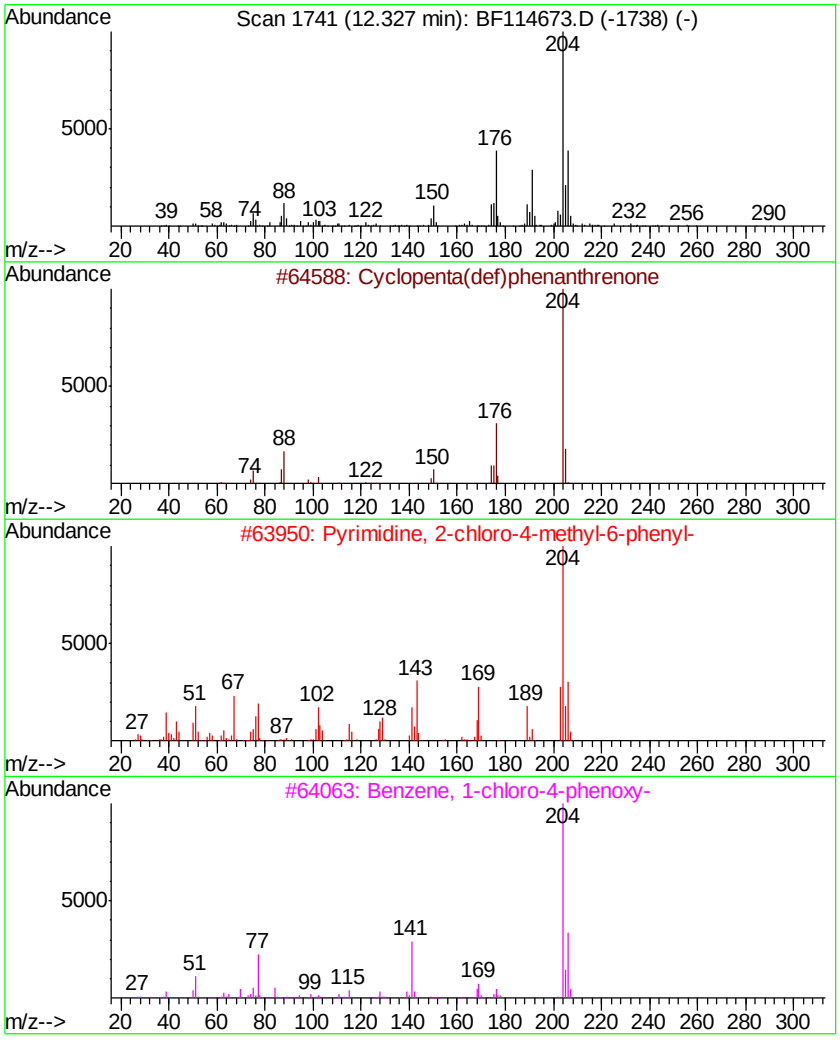
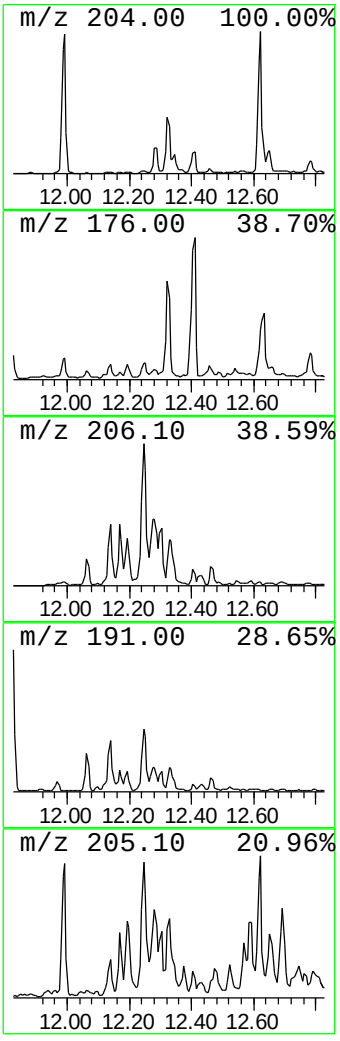
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	4.91 ng	757262	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	47
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : B-6W(8-9)

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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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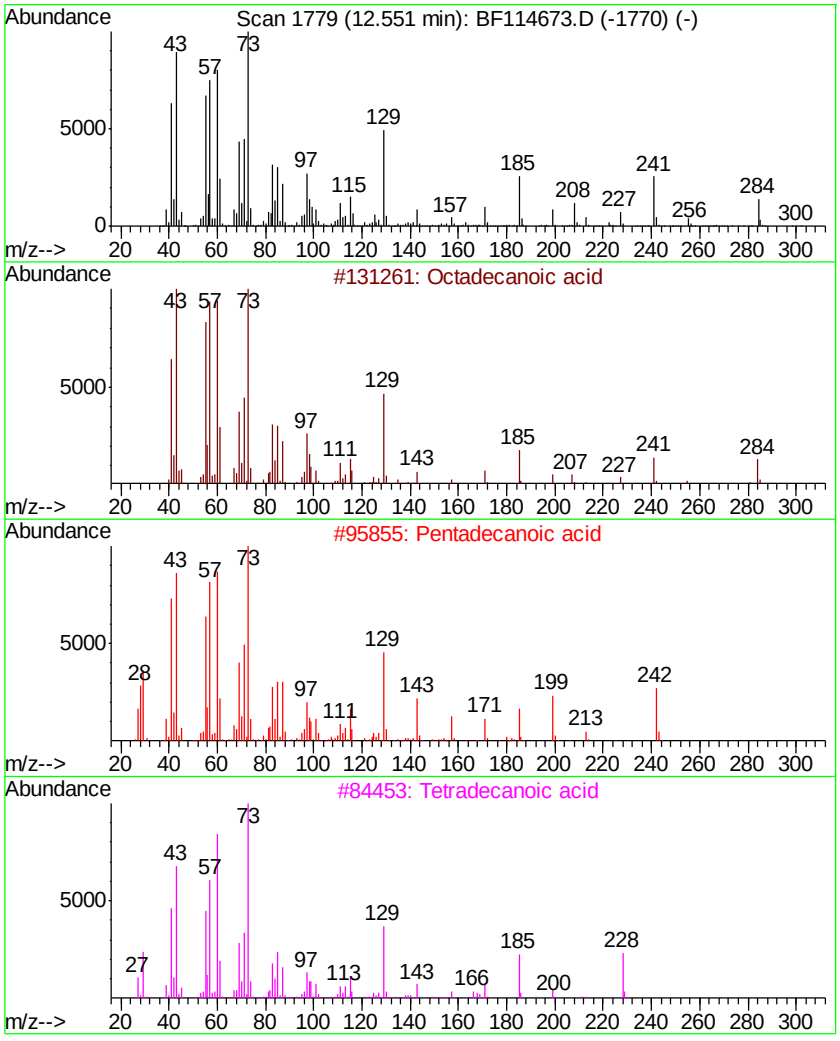
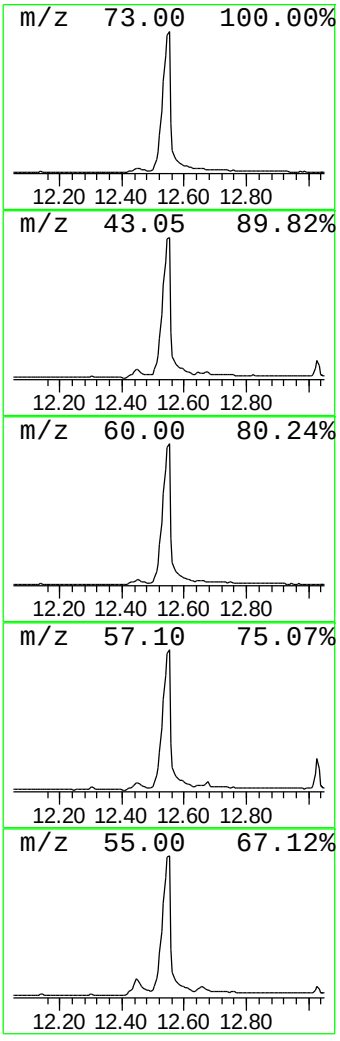
Peak Number 11 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	23.92 ng	18000600	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : B-6W(8-9)

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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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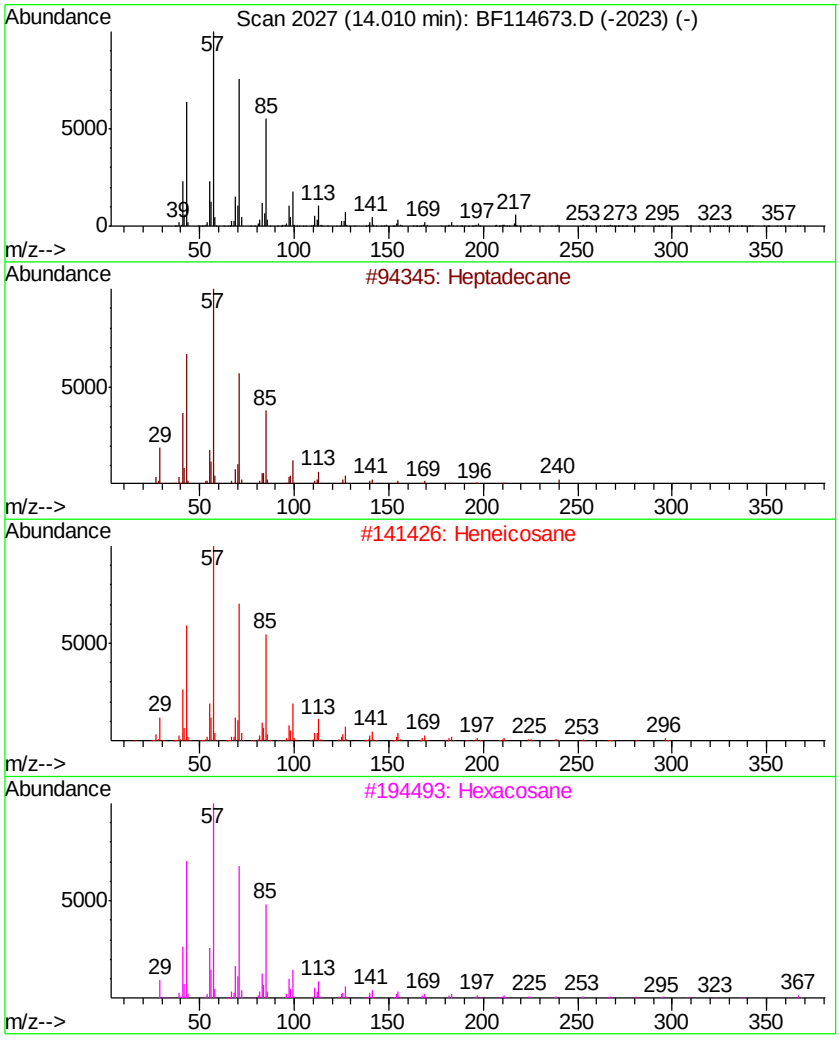
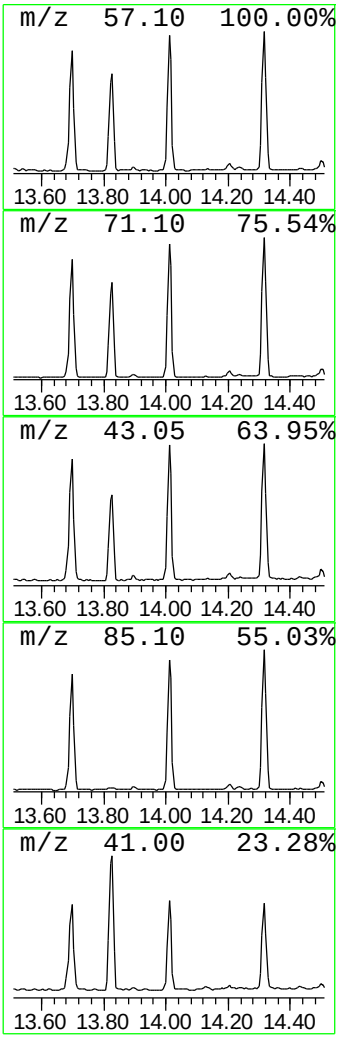
Peak Number 12 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	5.13 ng	3862490	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

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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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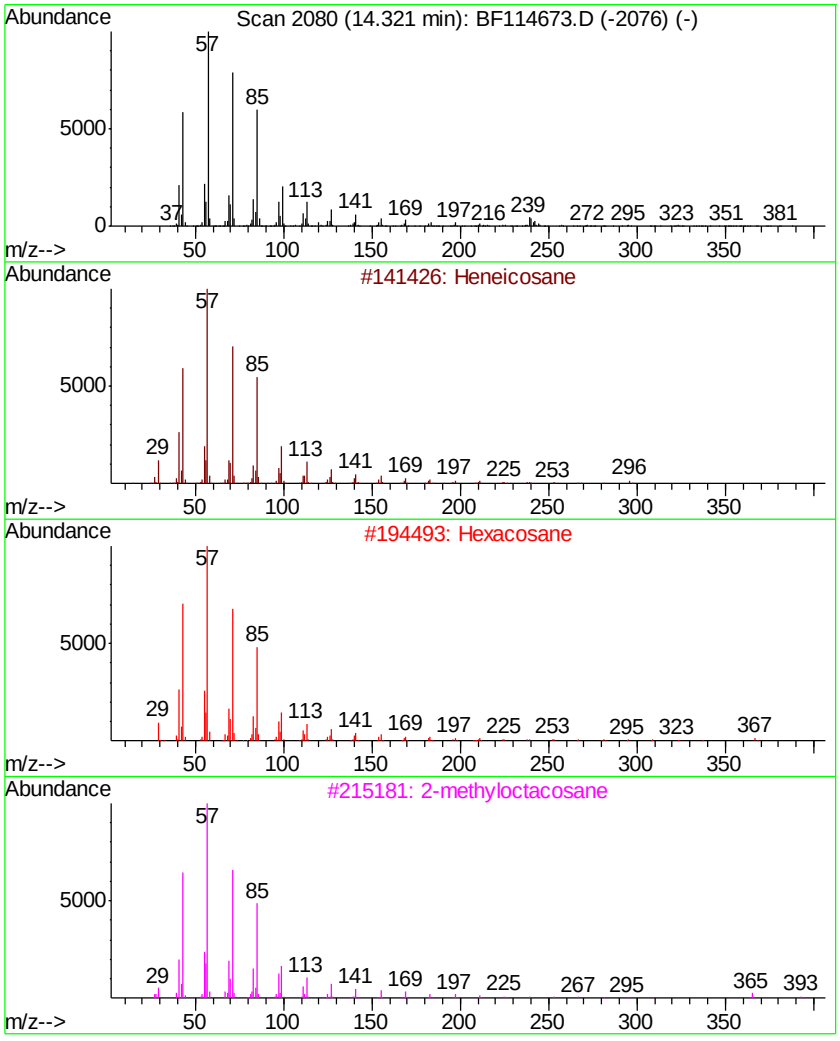
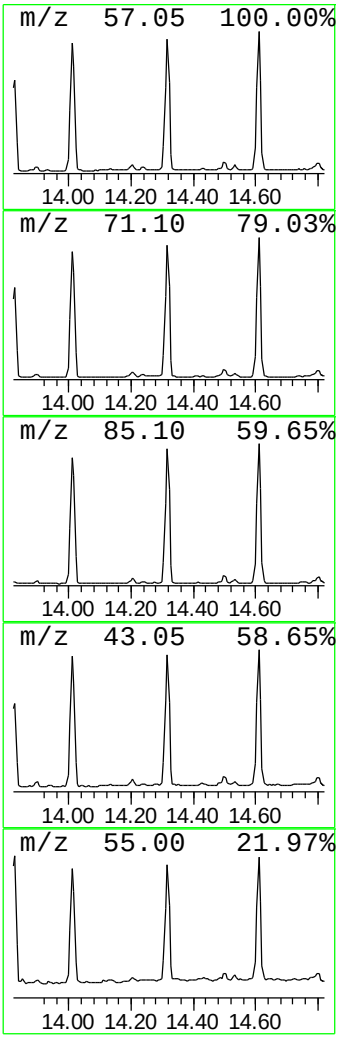
Peak Number 13 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	5.41 ng	4071180	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	90





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Instrument : BNA_F
ClientSampleId : B-6W(8-9)

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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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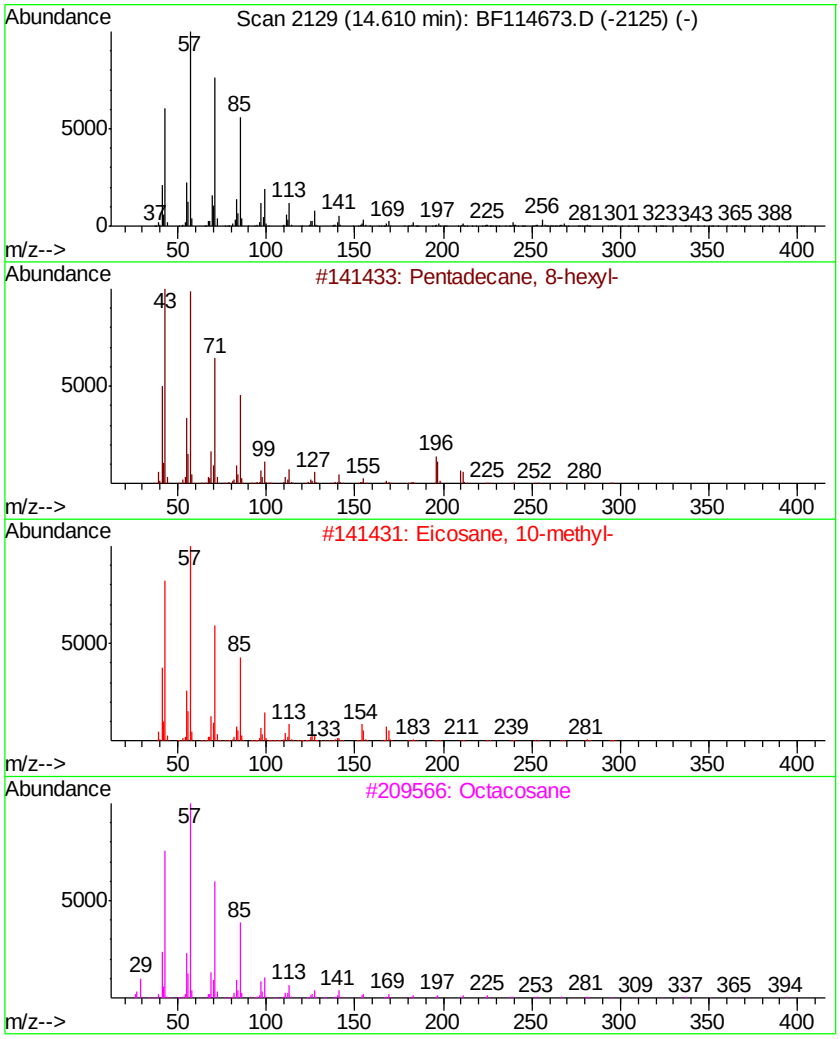
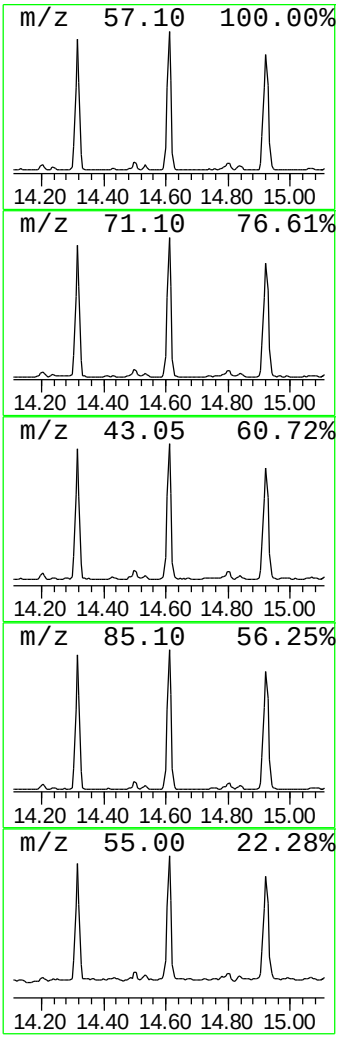
Peak Number 14 Pentadecane, 8-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	34.14 ng	3924660	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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ClientSampleId : B-6W(8-9)

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TIC Integration Parameters: LSCINT.P

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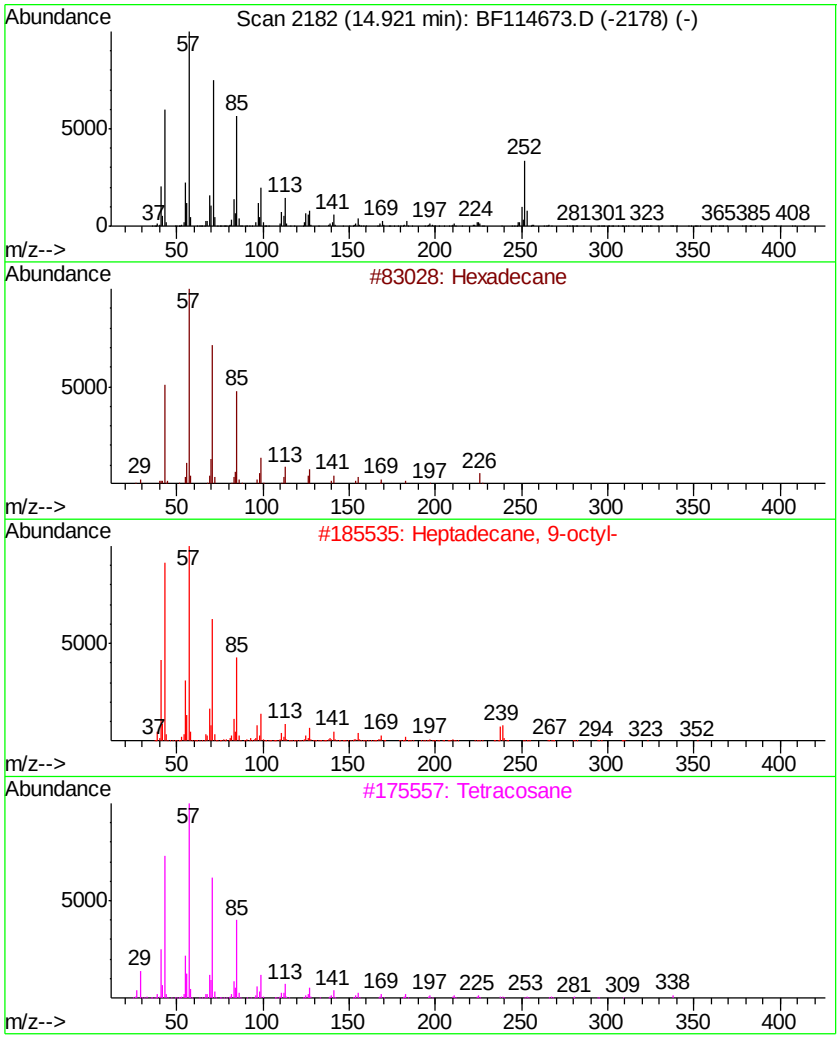
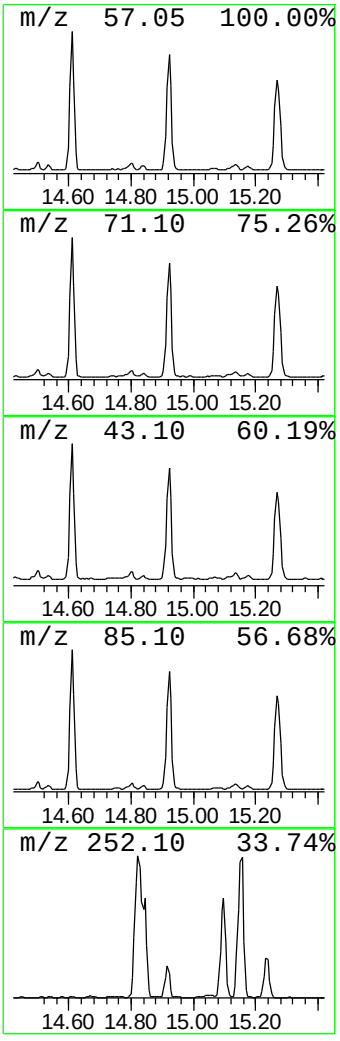
Peak Number 15 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	39.56 ng	4548090	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptadecane	240	C17H36	000629-78-7	81
5	Heneicosane	296	C21H44	000629-94-7	81





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Misc :
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ClientSampleId : B-6W(8-9)

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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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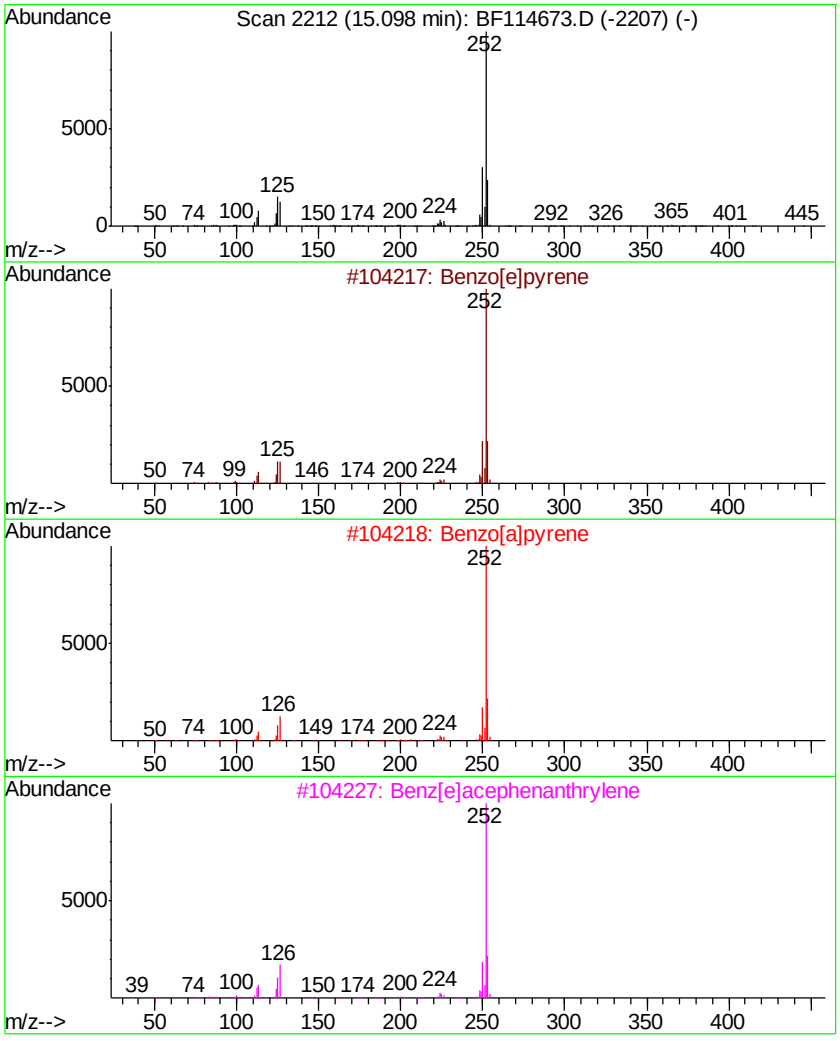
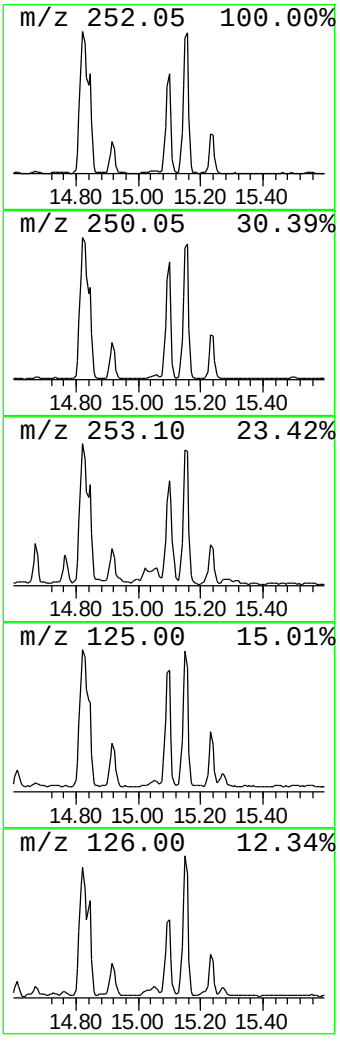
Peak Number 16 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	24.03 ng	2762550	Perylene-d12	15.21

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	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Misc :
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ClientSampleId : B-6W(8-9)

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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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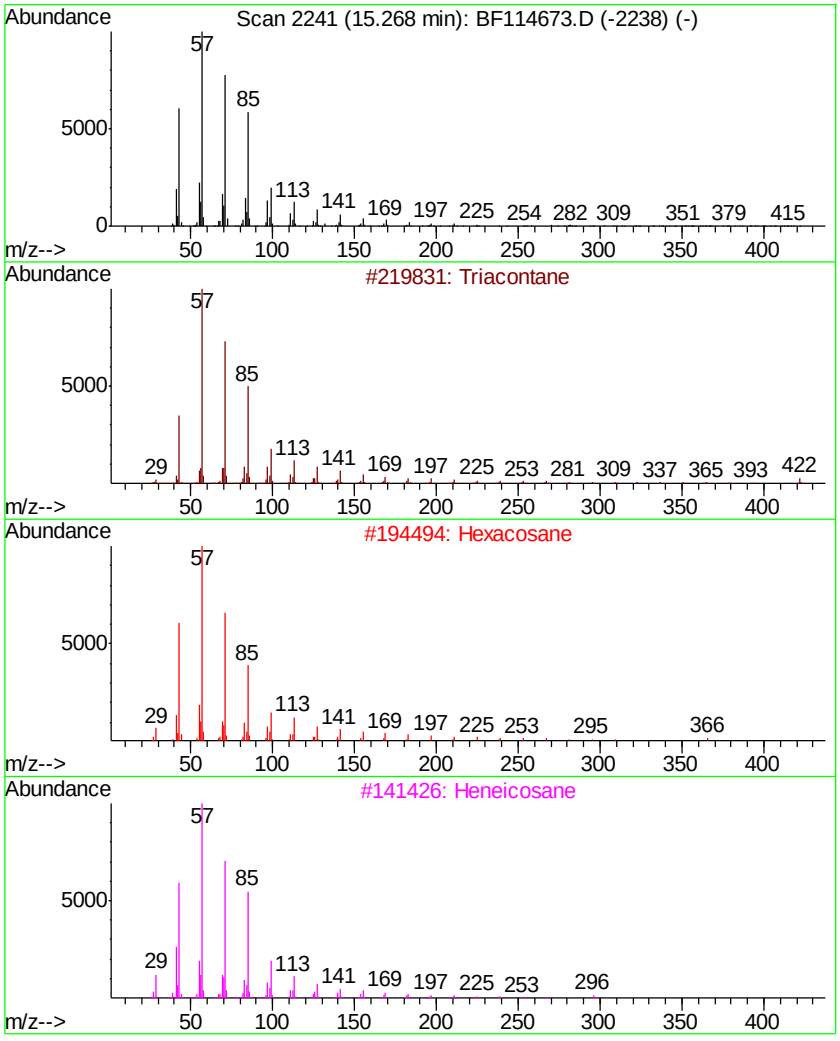
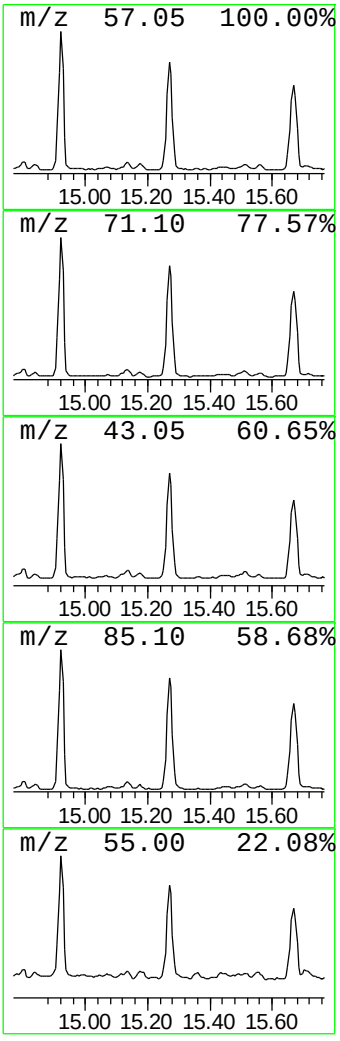
Peak Number 17 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	28.98 ng	3331070	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90





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Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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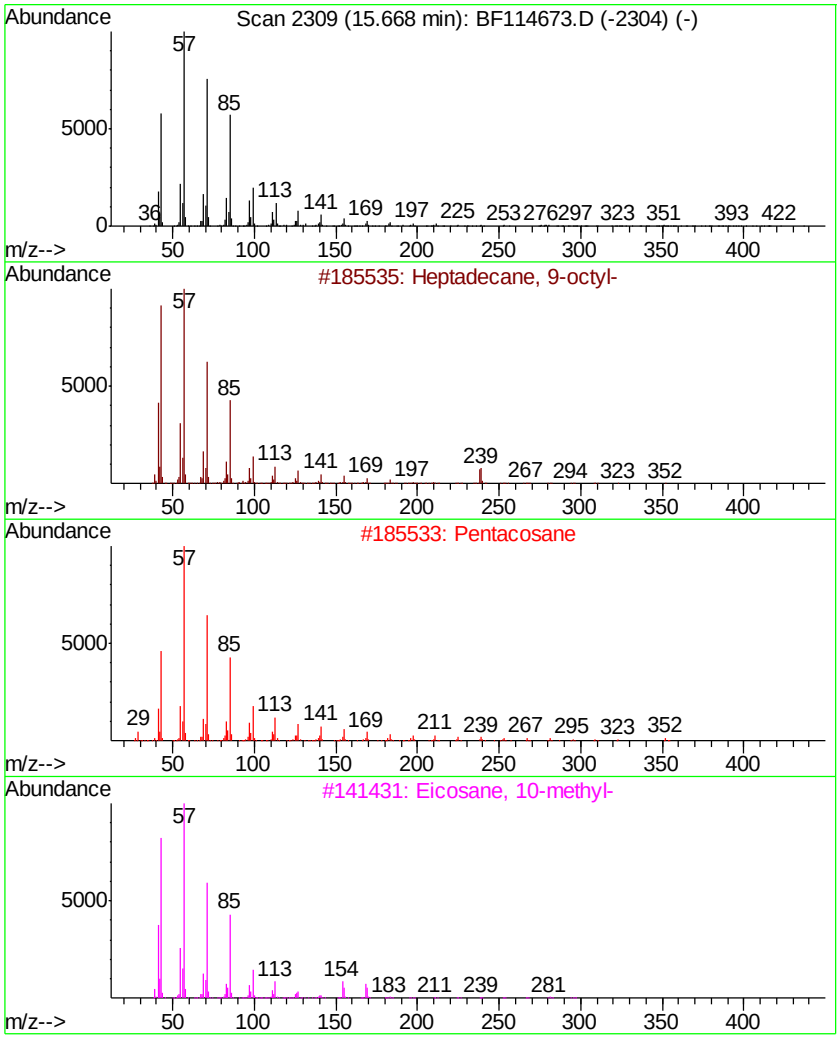
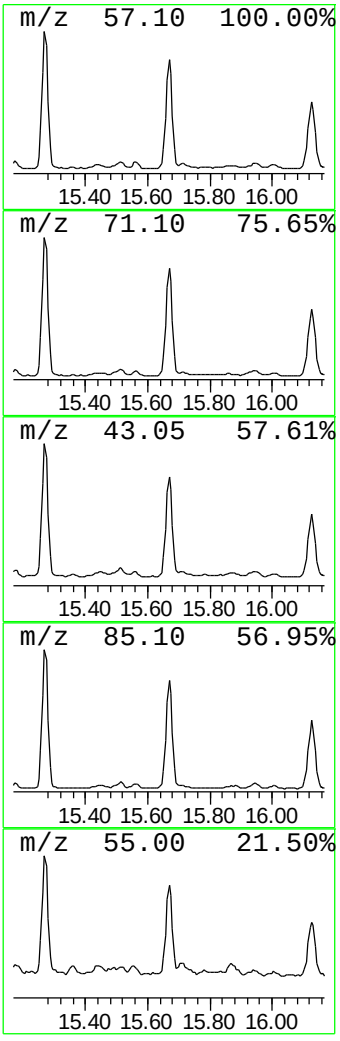
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	26.99 ng	3103210	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Pentacosane	352	C25H52	000629-99-2	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114673.D
Acq On : 30 May 2019 21:15
Operator : HP/JU
Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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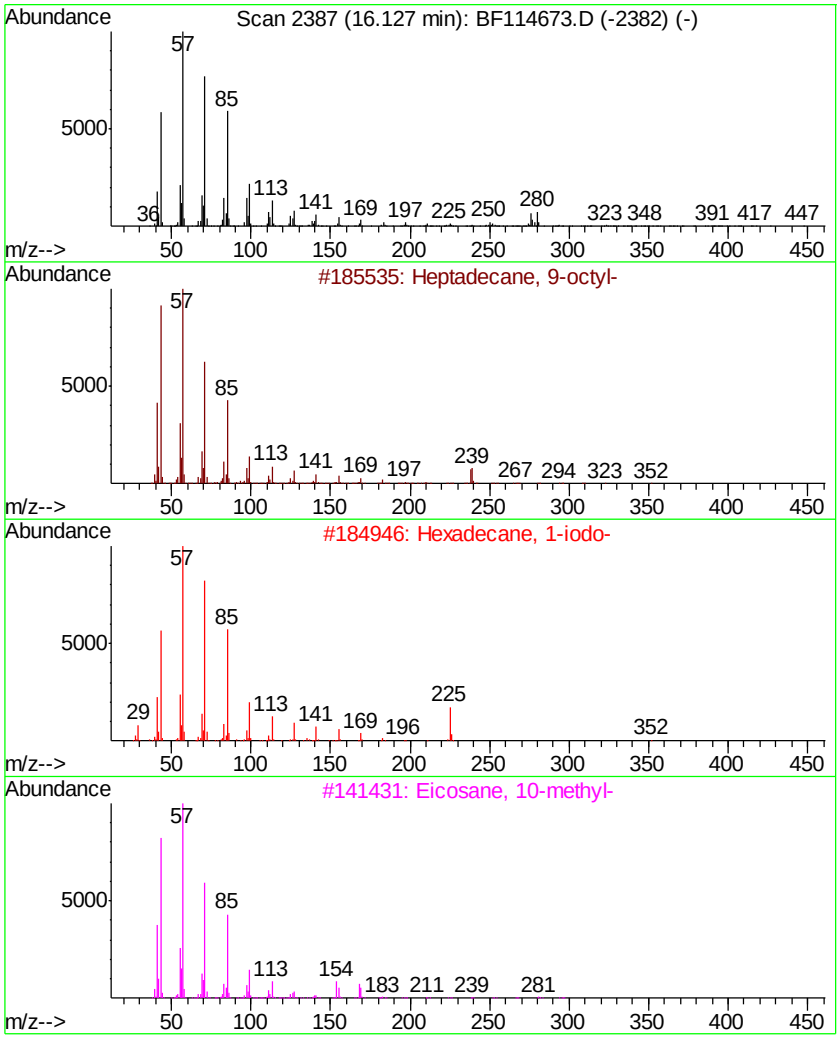
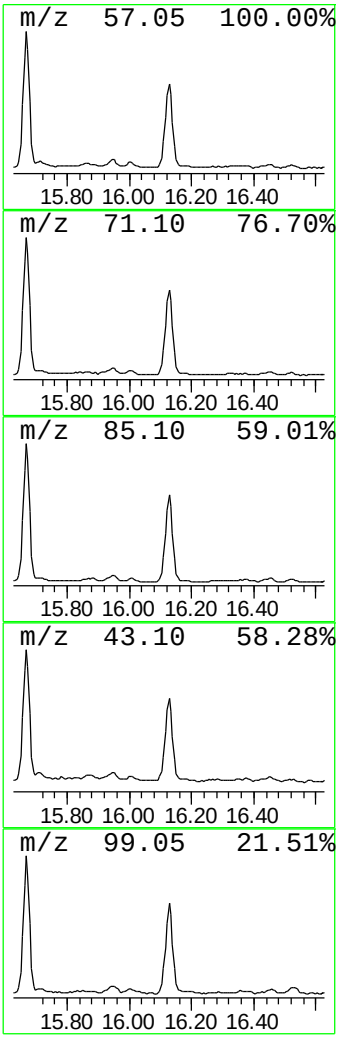
Peak Number 19 Hexadecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	19.36 ng	2225990	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114673.D
Acq On : 30 May 2019 21:15
Operator : HP/JU
Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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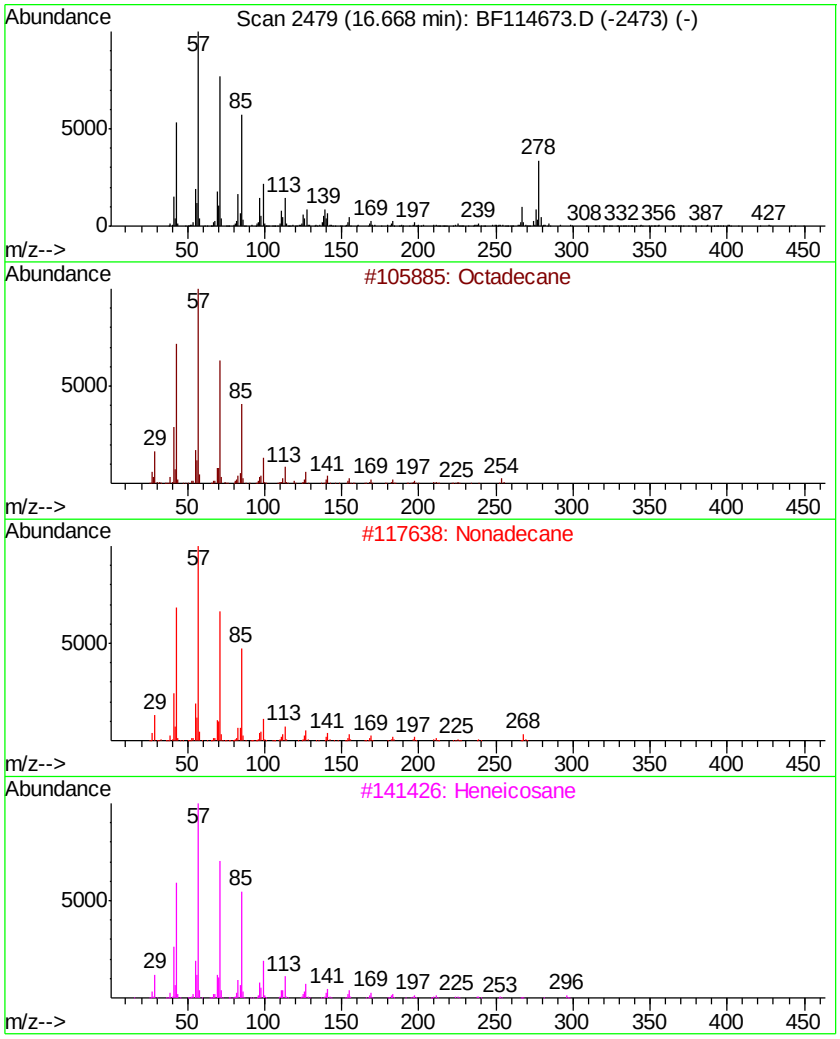
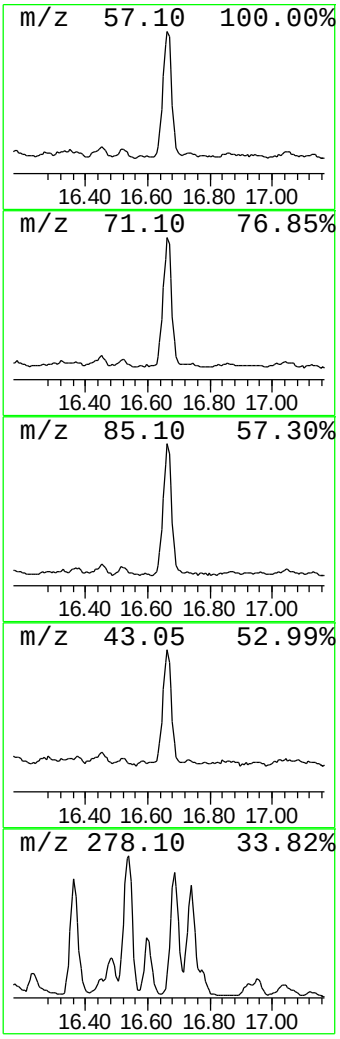
Peak Number 20 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	13.63 ng	1566900	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Nonadecane	268	C19H40	000629-92-5	89
3	Heneicosane	296	C21H44	000629-94-7	81
4	Hexacosane	366	C26H54	000630-01-3	76
5	Heptadecane	240	C17H36	000629-78-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
Data File : BF114673.D
Acq On : 30 May 2019 21:15
Operator : HP/JU
Sample : K3068-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6W(8-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.46	6.46	69.1	ng	7569090	1	6.69	2190700	20.0
Phenanthrene, 2-m...	11.69	11.1	ng	1715220	4	11.19	3086220	20.0
Phenanthrene, 1-m...	11.72	15.8	ng	2444310	4	11.19	3086220	20.0
n-Hexadecanoic acid	11.76	74.8	ng	11538100	4	11.19	3086220	20.0
4H-Cyclopenta[def...	11.80	19.9	ng	3078910	4	11.19	3086220	20.0
1H-Indene, 2-phenyl-	11.83	7.4	ng	1143340	4	11.19	3086220	20.0
Tricyclo[8.2.2.2(...	11.99	6.5	ng	1008270	4	11.19	3086220	20.0
Phenanthrene, 2,5...	12.25	6.5	ng	1007270	4	11.19	3086220	20.0
Cyclopenta(def)ph...	12.33	4.9	ng	757262	4	11.19	3086220	20.0
Octadecanoic acid	12.55	23.9	ng	18000600	5	13.82	15052700	20.0
Heptadecane	14.01	5.1	ng	3862490	5	13.82	15052700	20.0
Heneicosane	14.32	5.4	ng	4071180	5	13.82	15052700	20.0
Pentadecane, 8-he...	14.61	34.1	ng	3924660	6	15.21	2299220	20.0
Hexadecane	14.92	39.6	ng	4548090	6	15.21	2299220	20.0
Benzo[e]pyrene	15.10	24.0	ng	2762550	6	15.21	2299220	20.0
Triacontane	15.27	29.0	ng	3331070	6	15.21	2299220	20.0
Heptadecane, 9-oc...	15.67	27.0	ng	3103210	6	15.21	2299220	20.0
Hexadecane, 1-iodo-	16.13	19.4	ng	2225990	6	15.21	2299220	20.0
Octadecane	16.67	13.6	ng	1566900	6	15.21	2299220	20.0