LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF122419.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	5.045	499	503	515	rVB	336034	402609	11.21%	1.043%
2	5.463	570	574	588	rBV	2073492	2116700	58.92%	5.483%
3	6.481	743	747	758	rBV	2549743	2347804	65.35%	6.082%
4	6.616	766	770	774	rBV	2699118	2464761	68.60%	6.385%
5	6.851	806	810	818	rVB	705065	656133	18.26%	1.700%
6	7.004	832	836	849	rBV	2385389	1889385	52.59%	4.894%
7	7.410	901	905	917	rBV	1411770	1424320	39.64%	3.690%
8	8.133	1025	1028	1048	rVB	1013887	910126	25.33%	2.358%
9	9.216	1208	1212	1215	rBV	3350350	3018596	84.02%	7.820%
10	9.610	1276	1279	1284	rBV	135938	124076	3.45%	0.321%
11	9.757	1301	1304	1311	rVB	68735	55458	1.54%	0.144%
12	9.892	1324	1327	1331	rBV	1167789	1078944	30.03%	2.795%
13	10.686	1458	1462	1477	rBV	2423084	2186701	60.87%	5.665%
14	11.198	1546	1549	1552	rBV	48931	44399	1.24%	0.115%
15	11.286	1561	1564	1570	rVB	44011	47379	1.32%	0.123%
16	11.386	1578	1581	1583	rBV	1369508	1164007	32.40%	3.015%
17	11.410	1583	1585	1589	rVV	739074	613902	17.09%	1.590%
18	11.463	1590	1594	1597	rVB	125669	124890	3.48%	0.324%
19	11.621	1616	1621	1628	rBV3	77854	139832	3.89%	0.362%
20	11.721	1636	1638	1643	rVB3	34711	46487	1.29%	0.120%
21	11.892	1662	1667	1668	rBV	155693	130524	3.63%	0.338%
22	11.916	1668	1671	1677	rVV2	424962	512284	14.26%	1.327%
23	11.968	1677	1680	1683	rVV	70435	72842	2.03%	0.189%
24	12.004	1683	1686	1688	rVV2	179257	195985	5.46%	0.508%
25	12.027	1688	1690	1695	rVB	125573	114337	3.18%	0.296%
26	12.074	1695	1698	1701	rBV3	30971	39760	1.11%	0.103%
27	12.186	1715	1717	1720	rVB	112364	81943	2.28%	0.212%
28	12.216	1720	1722	1726	rBV	106565	93884	2.61%	0.243%
29	12.339	1737	1743	1745	rBV2	54022	66851	1.86%	0.173%
30	12.392	1750	1752	1755	rVB	51850	38806	1.08%	0.101%
31	12.439	1757	1760	1763	rBV	119291	125417	3.49%	0.325%
32	12.474	1763	1766	1769	rVV3	62768	87288	2.43%	0.226%
33	12.498	1769	1770	1773	rVB	59220	41422	1.15%	0.107%
34	12.533	1773	1776	1781	rVB2	134027	149745	4.17%	0.388%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.610	1785	1789	1792	rBV	1471907	1255529	34.95%	3.252%
36	12.668	1797	1799	1802	rVB2	49682	44097	1.23%	0.114%
37	12.704	1802	1805	1808	rBV	170895	171652	4.78%	0.445%
38	12.839	1825	1828	1834	rVB	1236473	1108728	30.86%	2.872%
39	12.886	1834	1836	1841	rVB2	107094	118496	3.30%	0.307%
40	12.980	1843	1852	1855	rBV	3939513	3592706	100.00%	9.307%
41	13.057	1860	1865	1869	rBV3	129789	229552	6.39%	0.595%
42	13.139	1876	1879	1882	rBV3	109557	165491	4.61%	0.429%
43	13.163	1882	1883	1886	rVB	128011	96651	2.69%	0.250%
44	13.204	1886	1890	1893	rBV4	33159	38206	1.06%	0.099%
45	13.233	1893	1895	1897	rVV2	59998	40699	1.13%	0.105%
46	13.268	1897	1901	1905	rBV2	184295	219348	6.11%	0.568%
47	13.327	1908	1911	1914	rBV	40231	37889	1.05%	0.098%
48	13.363	1914	1917	1920	rBV	90160	73366	2.04%	0.190%
49	13.398	1920	1923	1926	rBV3	88051	99577	2.77%	0.258%
50	13.545	1945	1948	1951	rBV5	62533	83454	2.32%	0.216%
51	13.680	1968	1971	1975	rVB	208201	189620	5.28%	0.491%
52	13.786	1986	1989	1992	rBV	143849	150373	4.19%	0.390%
53	13.815	1992	1994	1996	rVV	123068	87317	2.43%	0.226%
54	13.839	1996	1998	2000	rVV	68737	67133	1.87%	0.174%
55	13.874	2000	2004	2014	rVB3	385593	720740	20.06%	1.867%
56	13.957	2014	2018	2023	rVB4	30784	60731	1.69%	0.157%
57	14.039	2027	2032	2035	rBV2	1223023	1623731	45.20%	4.206%
58	14.068	2035	2037	2040	rVB	563463	424814	11.82%	1.100%
59	14.192	2055	2058	2064	rBV4	152864	196033	5.46%	0.508%
60	14.274	2067	2072	2074	rVB3	58083	65870	1.83%	0.171%
61	14.392	2090	2092	2094	rBV	58723	53666	1.49%	0.139%
62	14.427	2095	2098	2102	rVV	172446	172709	4.81%	0.447%
63	14.462	2102	2104	2108	rVV2	86874	81913	2.28%	0.212%
64	14.504	2108	2111	2117	rVV4	135314	224152	6.24%	0.581%
65	14.557	2117	2120	2122	rBV	67378	61113	1.70%	0.158%
66	14.627	2130	2132	2134	rVB	47211	38237	1.06%	0.099%
67	14.809	2160	2163	2167	rBV2	121979	127778	3.56%	0.331%
68	14.927	2180	2183	2187	rBV2	58281	84404	2.35%	0.219%
69	15.092	2207	2211	2214	rBV	483468	730374	20.33%	1.892%
70	15.151	2218	2221	2226	rVV4	129197	157158	4.37%	0.407%
71	15.204	2226	2230	2234	rVV	107294	129925	3.62%	0.337%

LSC Area Percent Report

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Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.298	2242	2246	2251	rVB4	34660	70138	1.95%	0.182%
73	15.398	2259	2263	2269	rVB	267823	376124	10.47%	0.974%
74	15.462	2270	2274	2280	rBV	410845	495753	13.80%	1.284%
75	15.527	2280	2285	2289	rBV	831873	1106722	30.80%	2.867%
76	15.980	2357	2362	2366	rBV	105877	152705	4.25%	0.396%
77	16.486	2445	2448	2453	rVB2	42118	61288	1.71%	0.159%
78	17.021	2533	2539	2547	rVB2	179807	368673	10.26%	0.955%
79	17.098	2547	2552	2559	rVB5	40754	84560	2.35%	0.219%
80	17.198	2563	2569	2574	rBV2	60188	140624	3.91%	0.364%
81	17.256	2577	2579	2586	rVB2	48603	83331	2.32%	0.216%
82	17.474	2610	2616	2623	rBV	116912	232521	6.47%	0.602%

Sum of corrected areas: 38603268

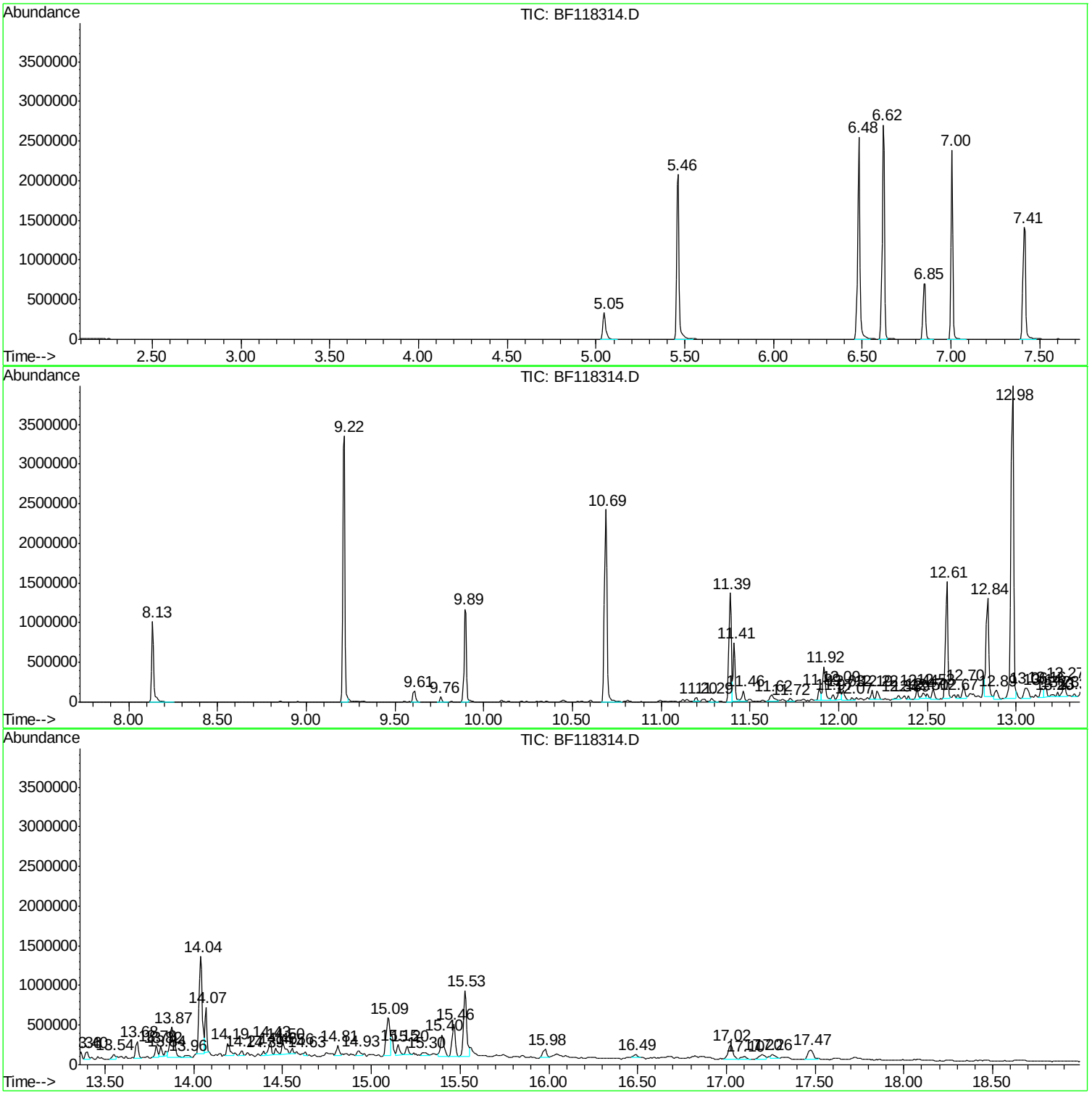
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

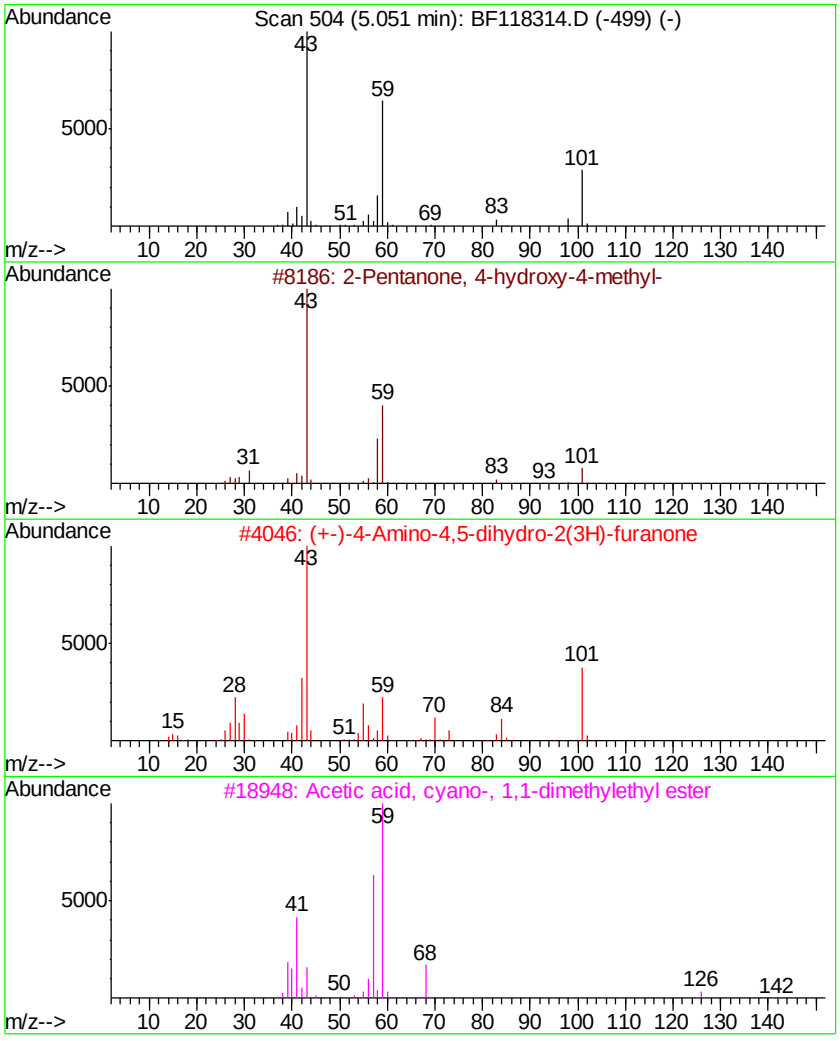
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

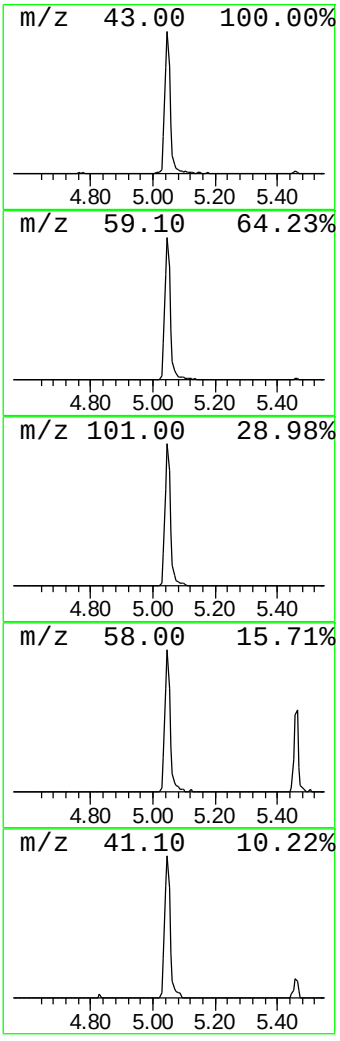
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	12.27 ng	402609	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Acetone	58	C3H6O	000067-64-1	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

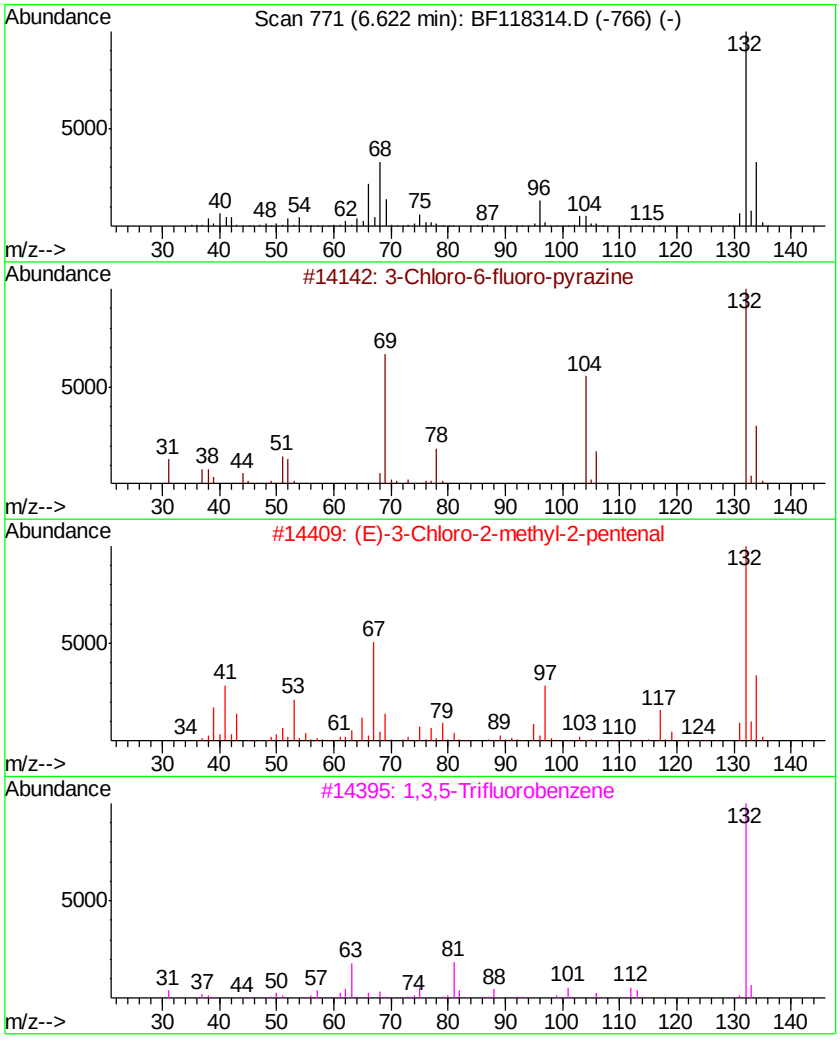
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

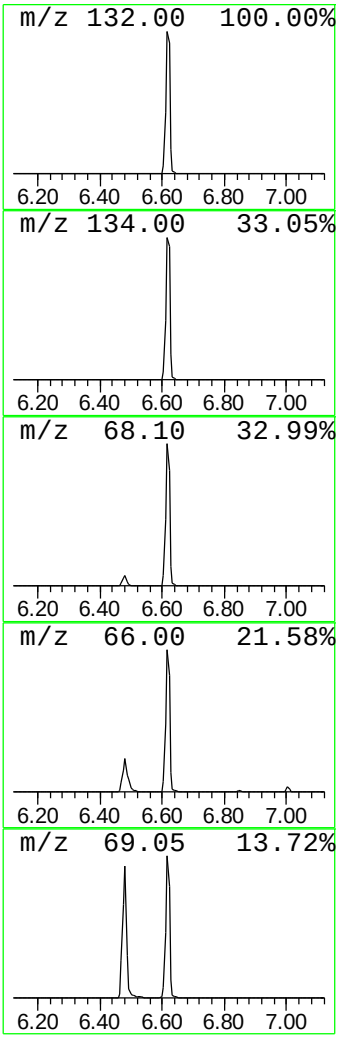
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	75.13 ng	2464760	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118314.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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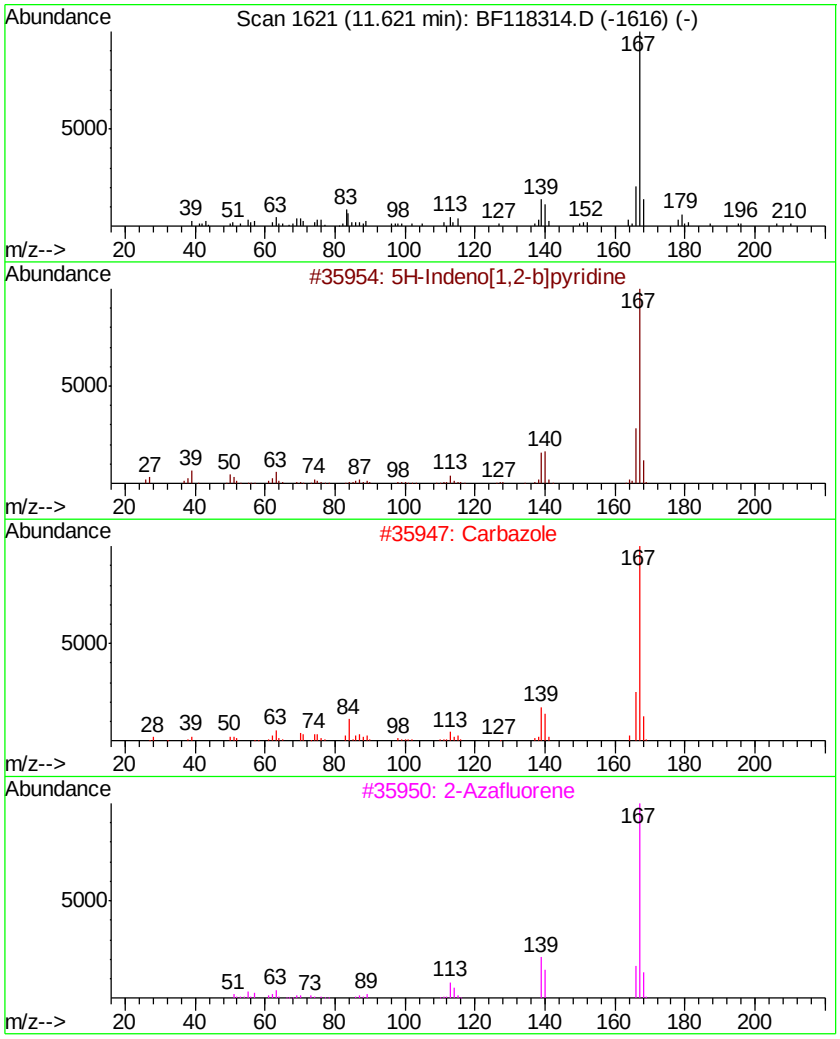
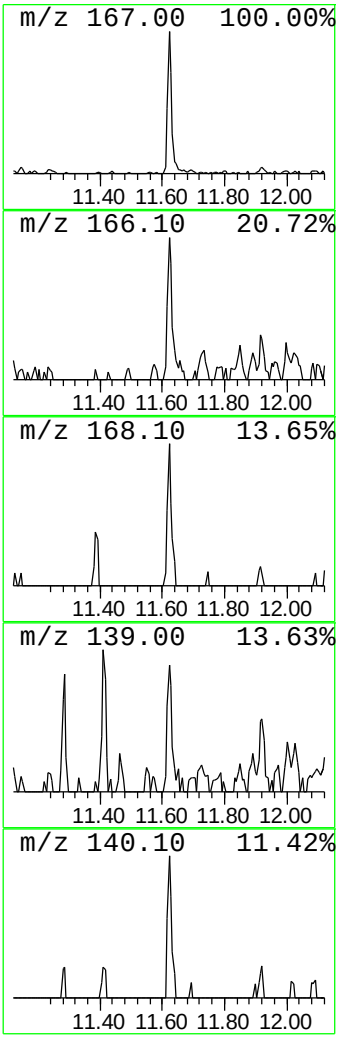
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.40 ng	139832	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	93
3	2-Azafluorene	167	C12H9N	000244-40-6	87
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

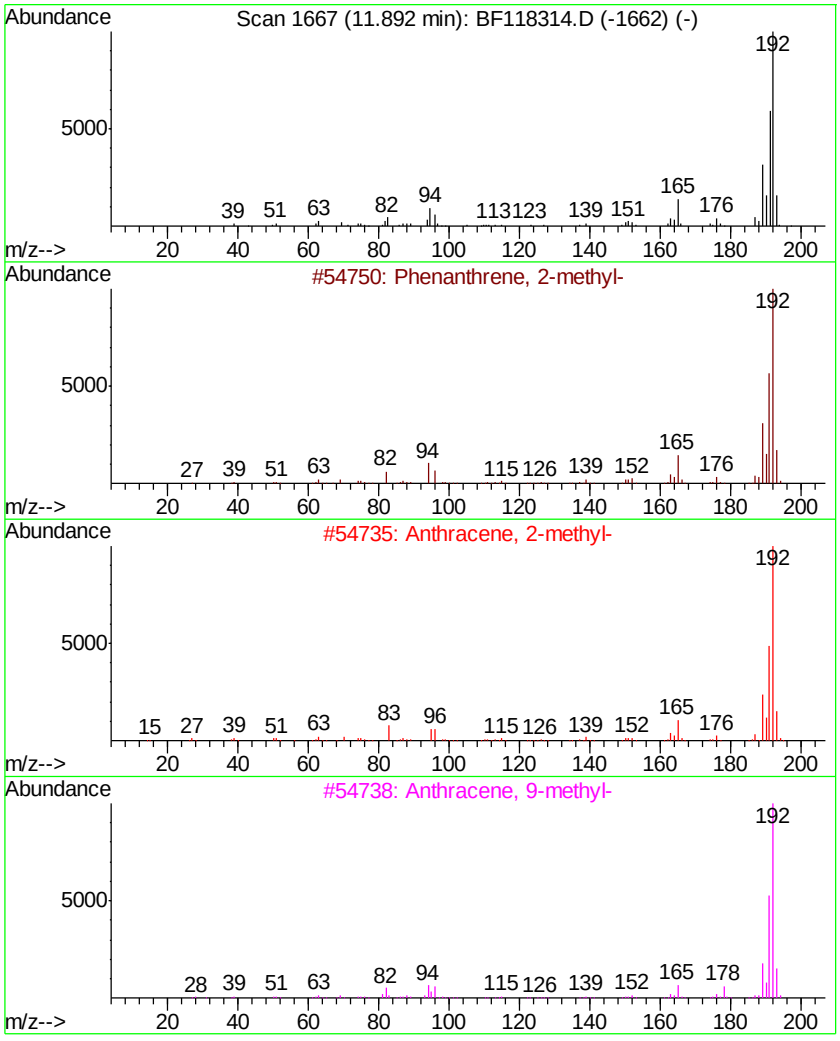
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

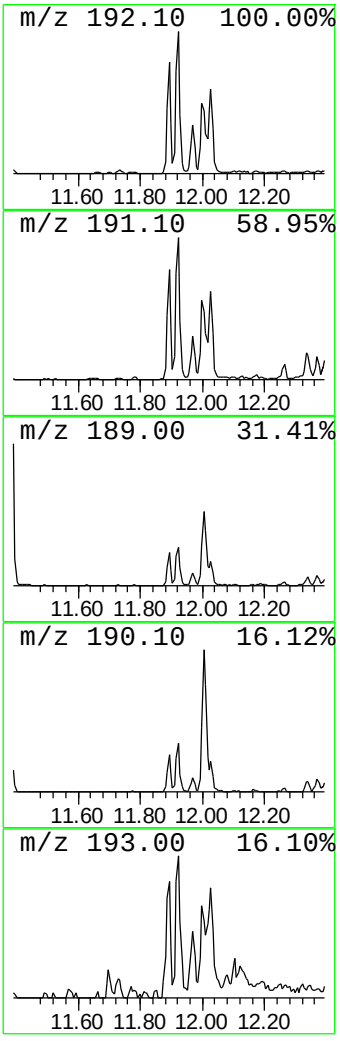
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.24 ng	130524	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

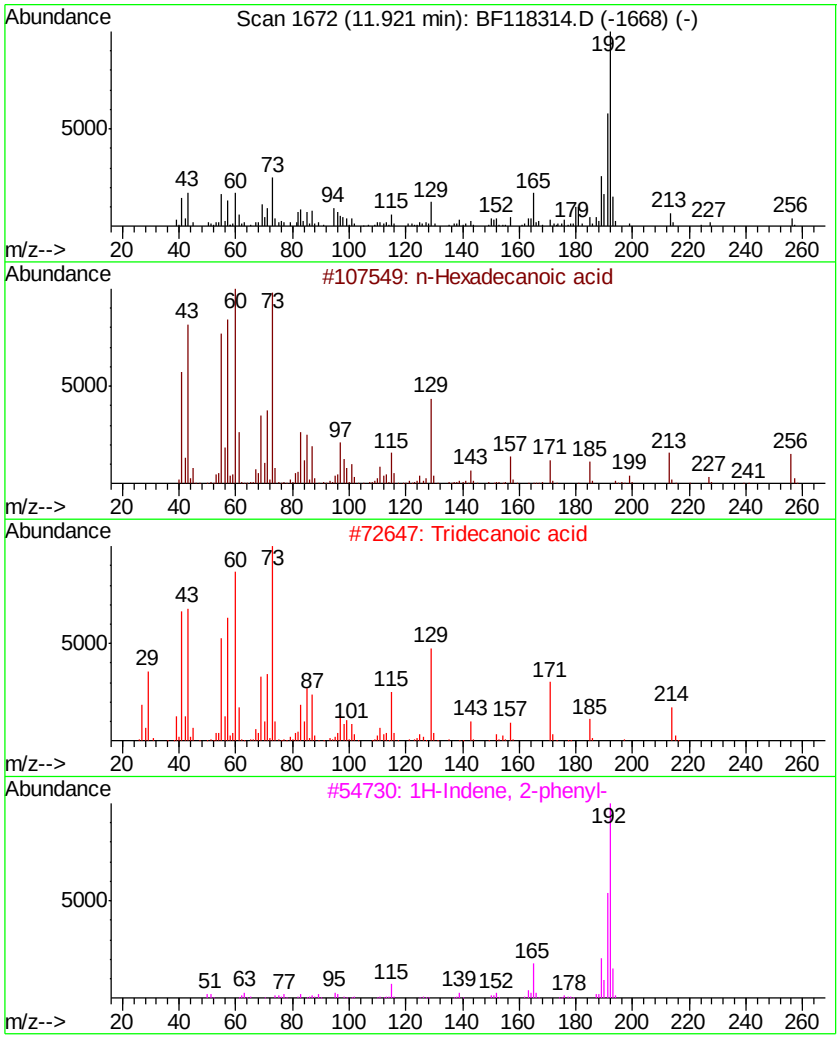
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

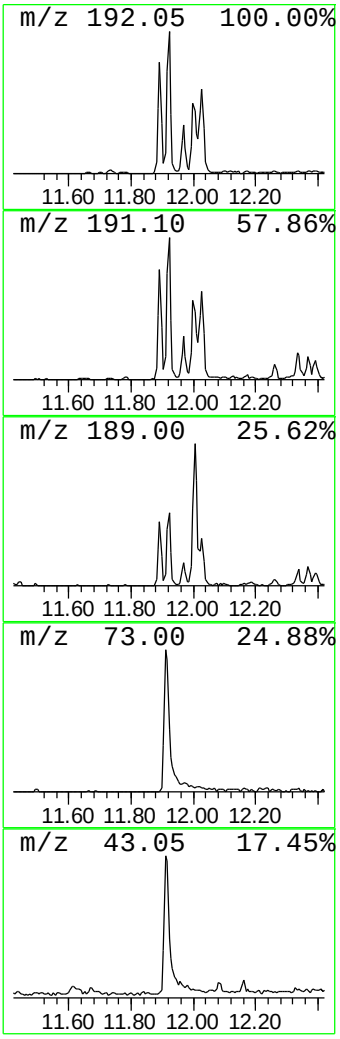
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	8.80 ng	512284	Phenanthrene-d10	11.39

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	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	66
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

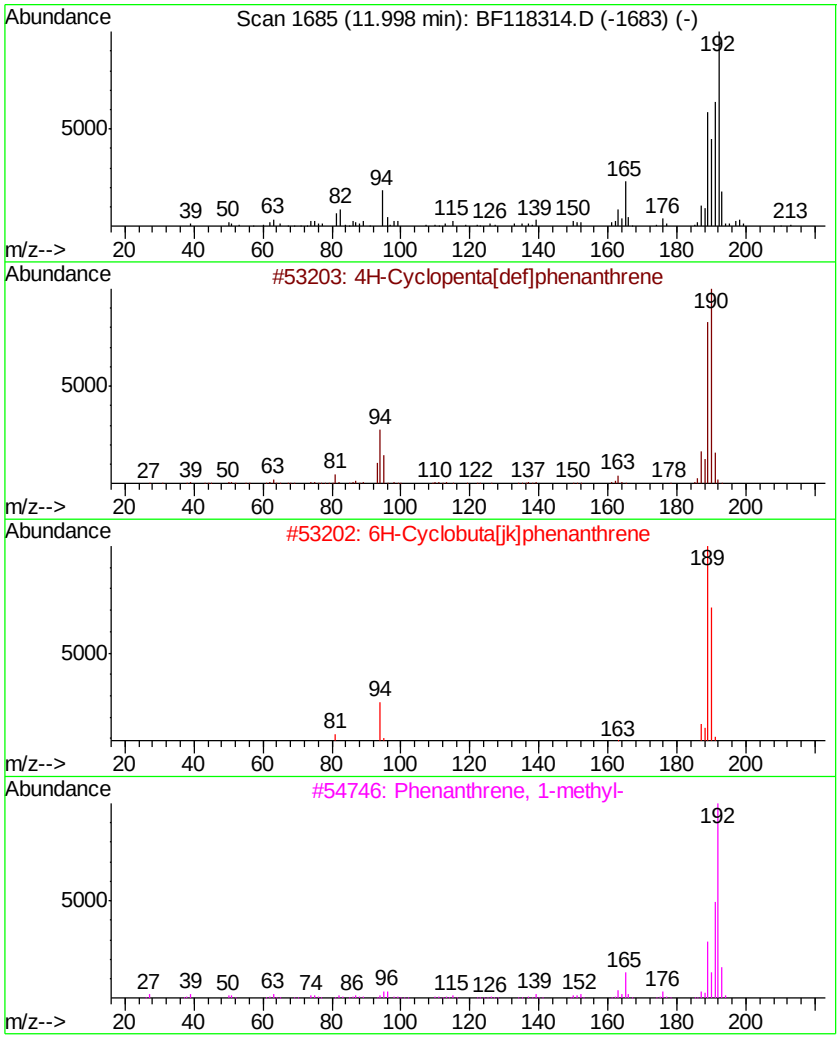
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

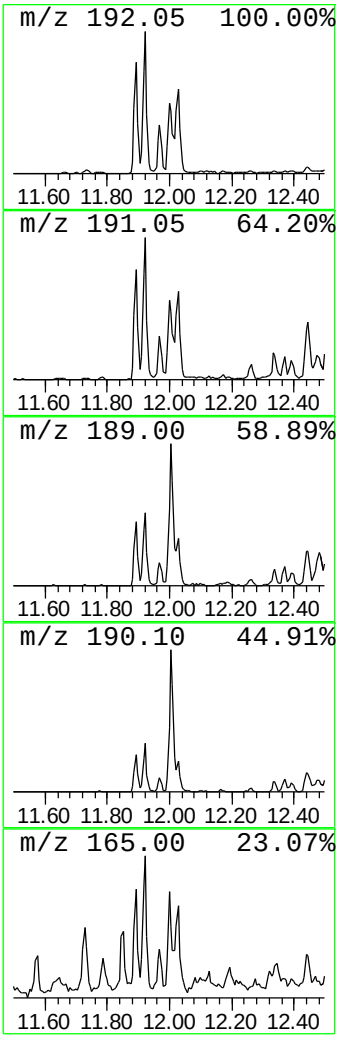
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.37 ng	195985	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





Library Search Compound Report

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Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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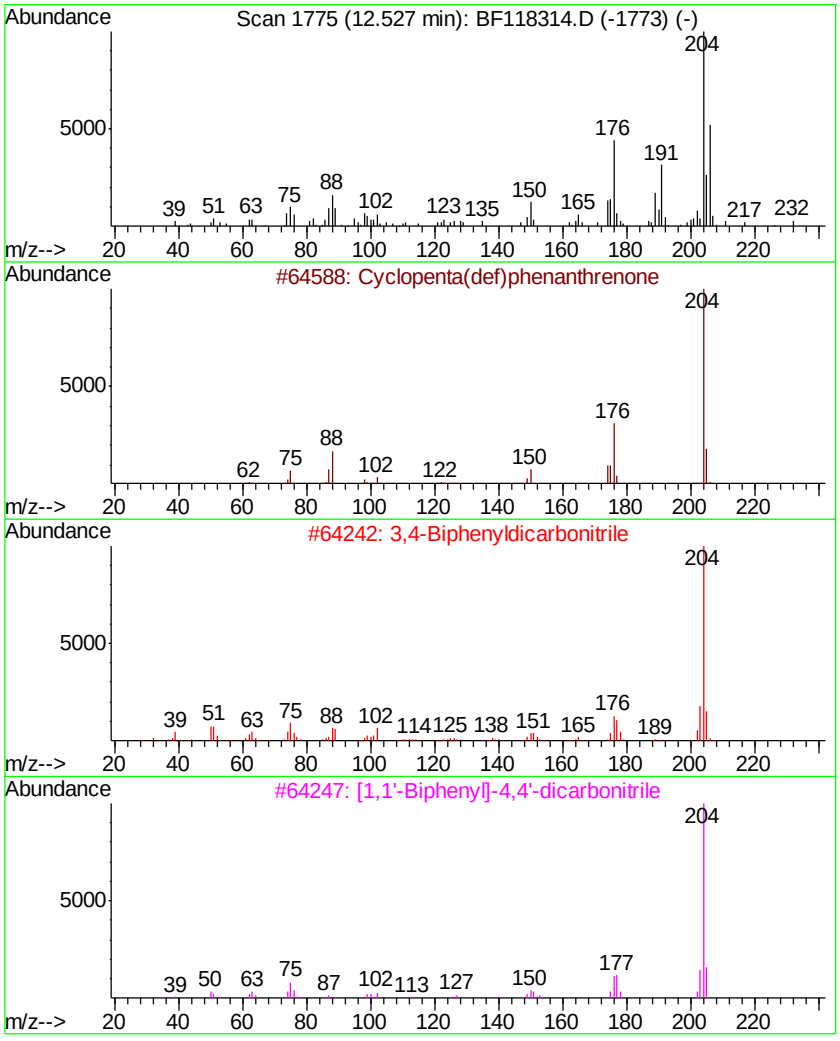
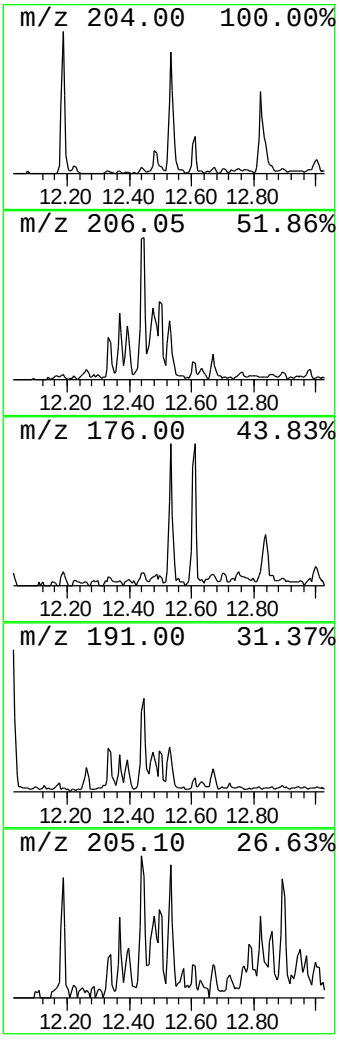
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.57 ng	149745	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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ClientSampleId : TP-2

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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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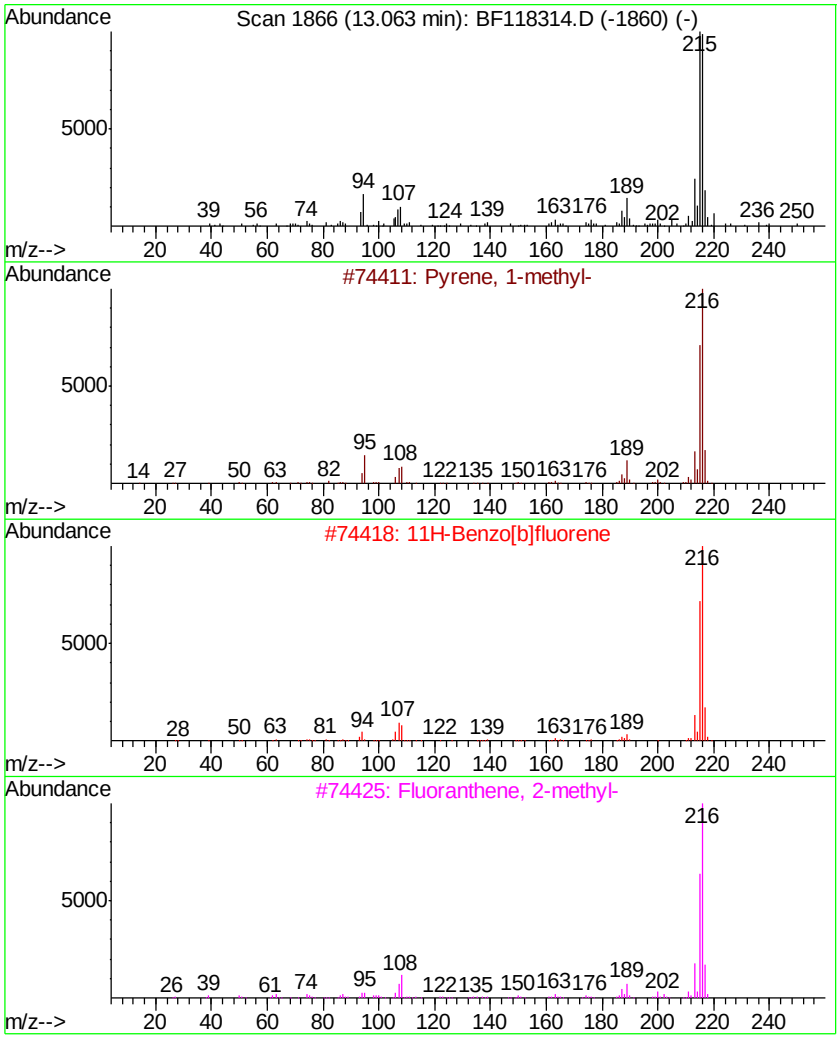
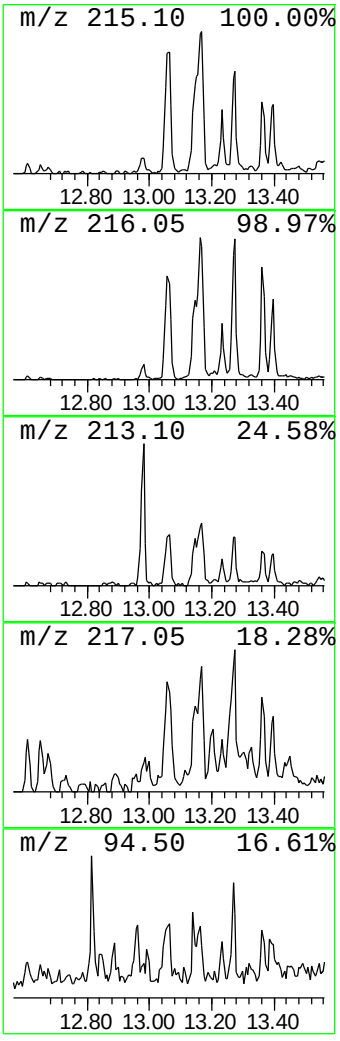
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.83 ng	229552	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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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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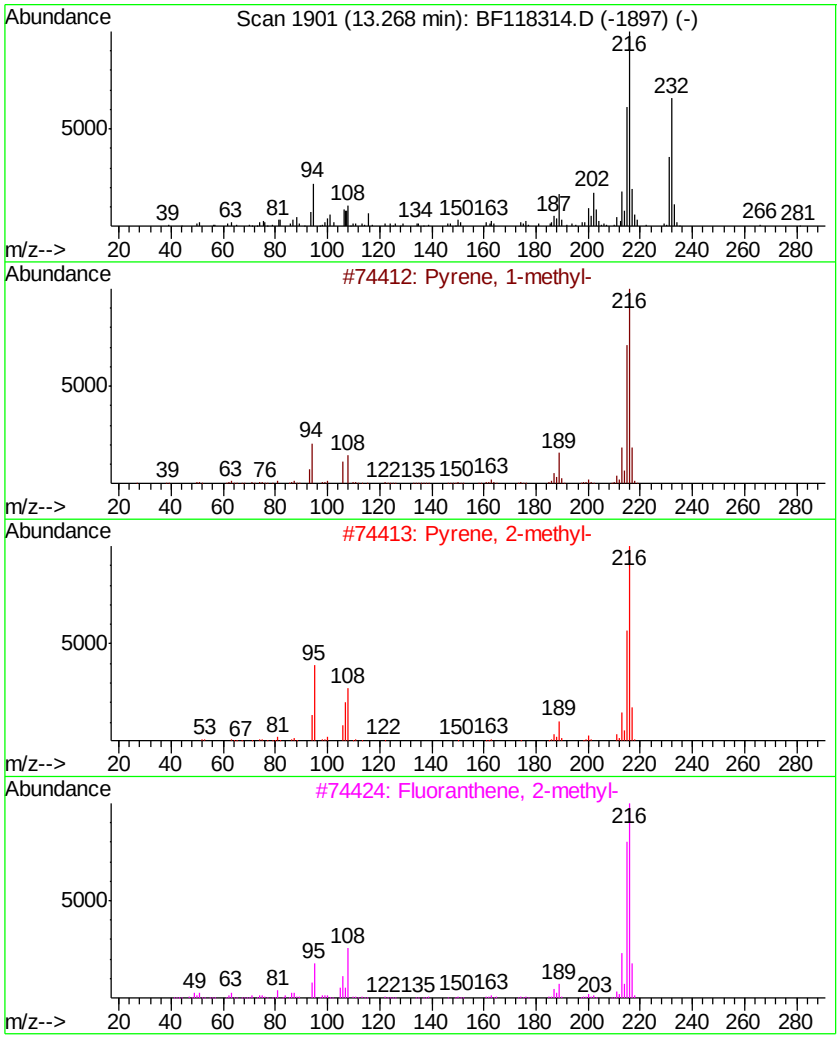
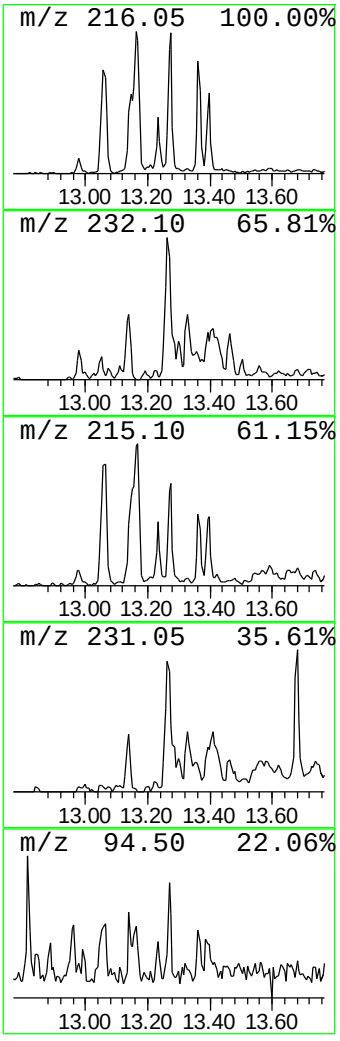
Peak Number 11 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.70 ng	219348	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	49





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Instrument : BNA_F
ClientSampleId : TP-2

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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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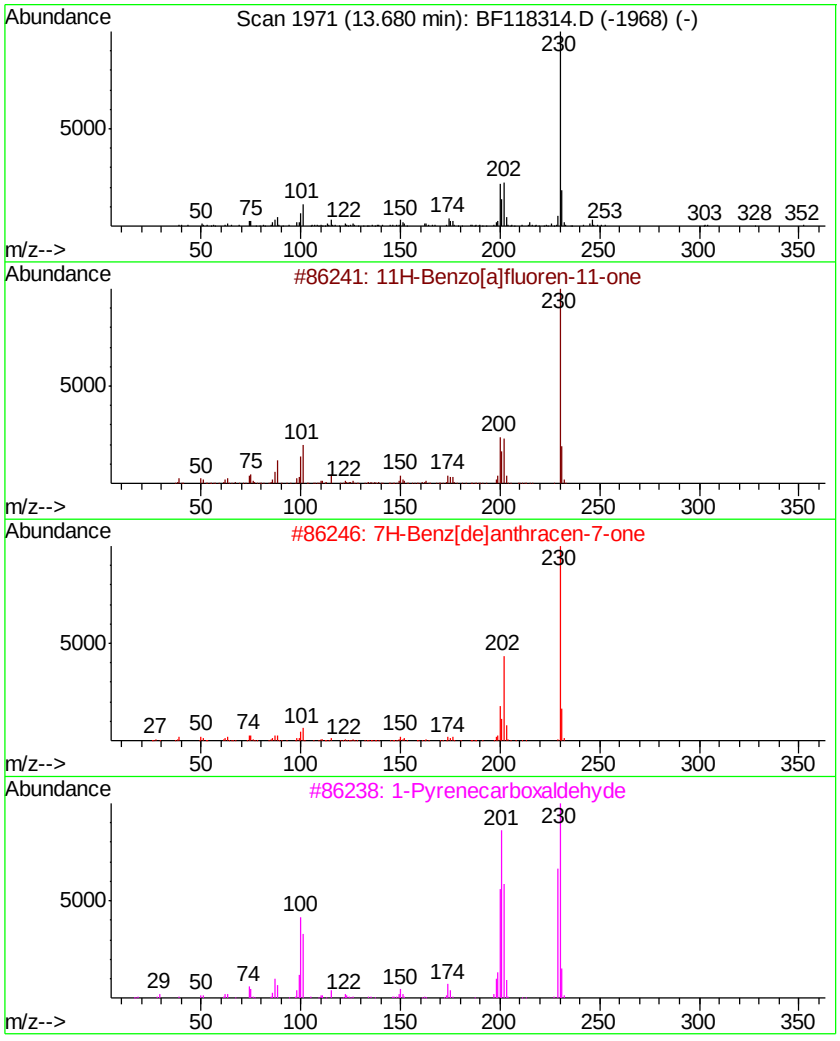
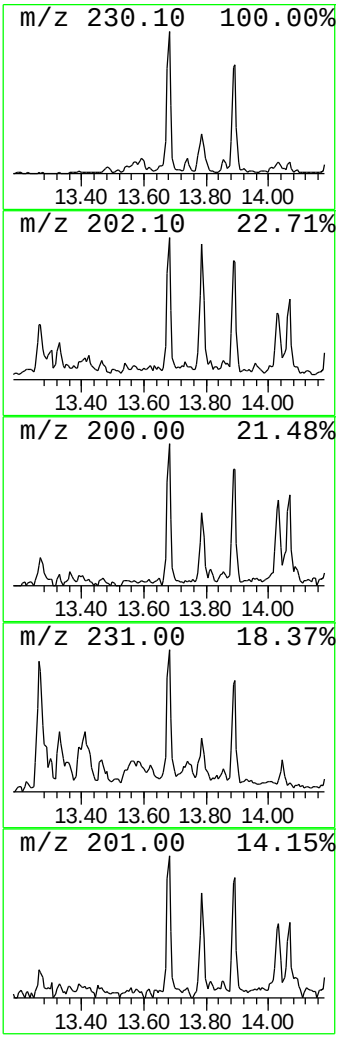
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.34 ng	189620	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
5	o-Terphenyl	230	C18H14	000084-15-1	58





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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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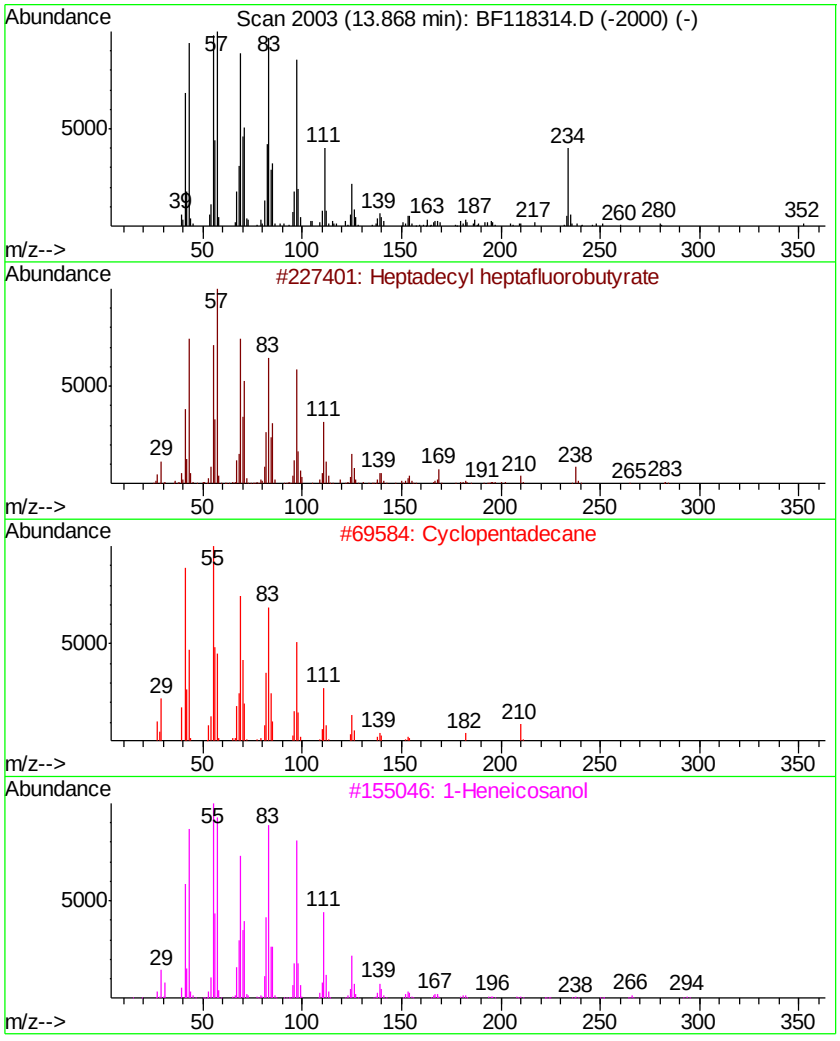
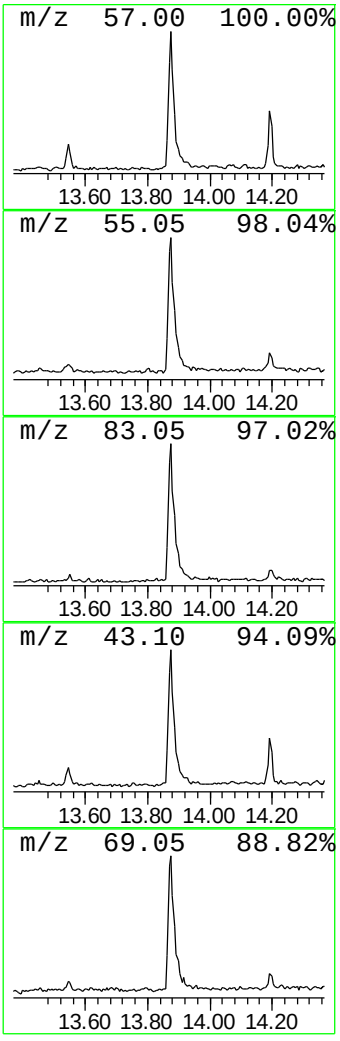
Peak Number 13 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.88 ng	720740	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93





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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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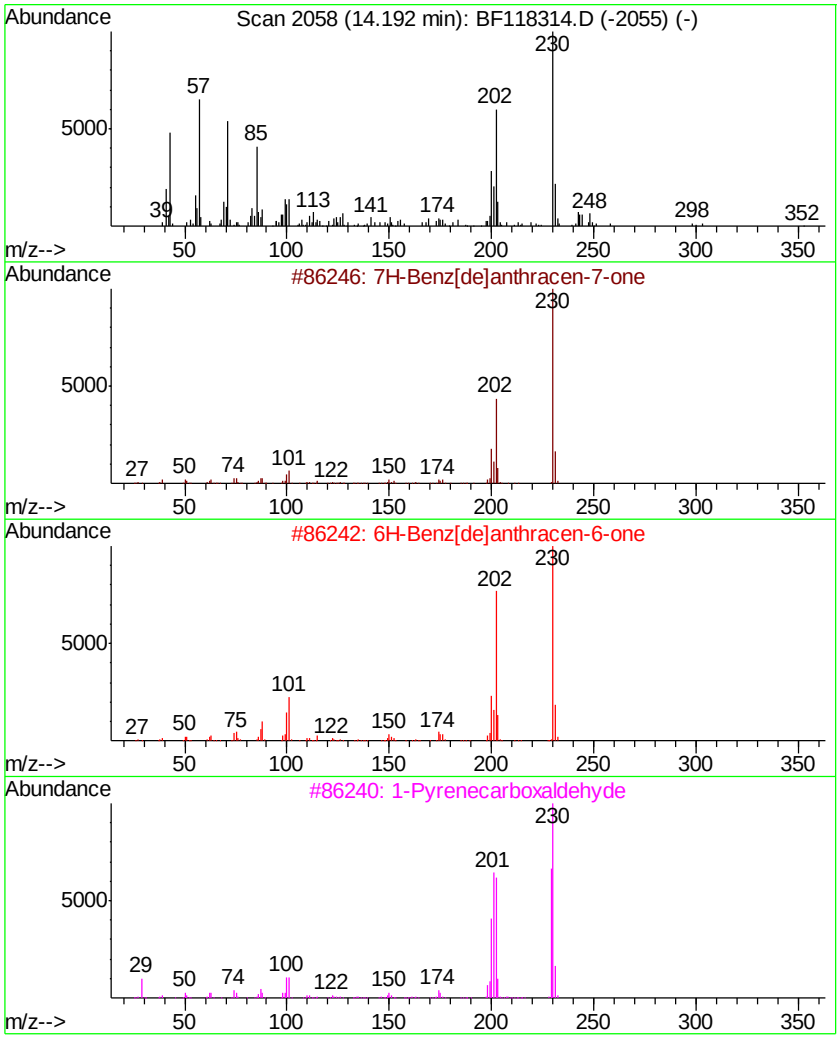
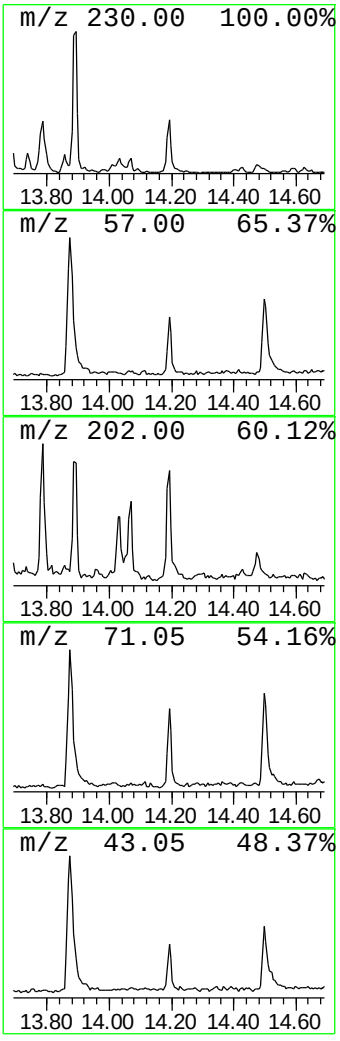
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.41 ng	196033	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	46
5	Heptacosane	380	C27H56	000593-49-7	25





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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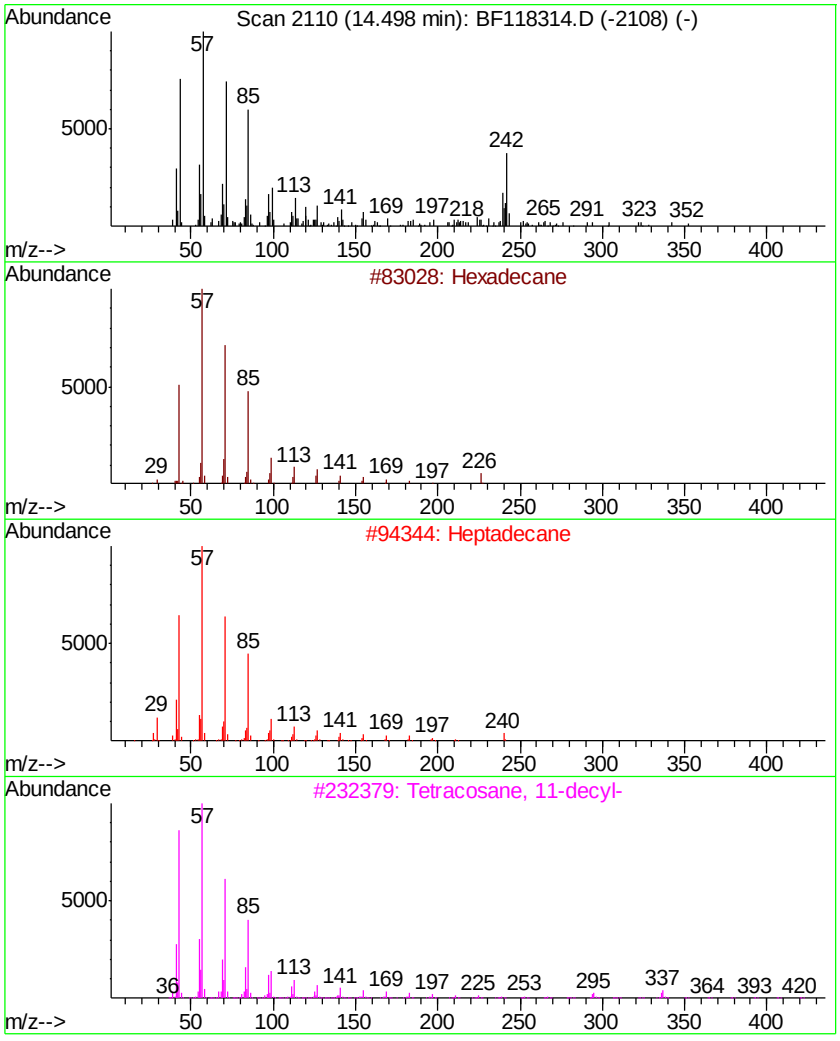
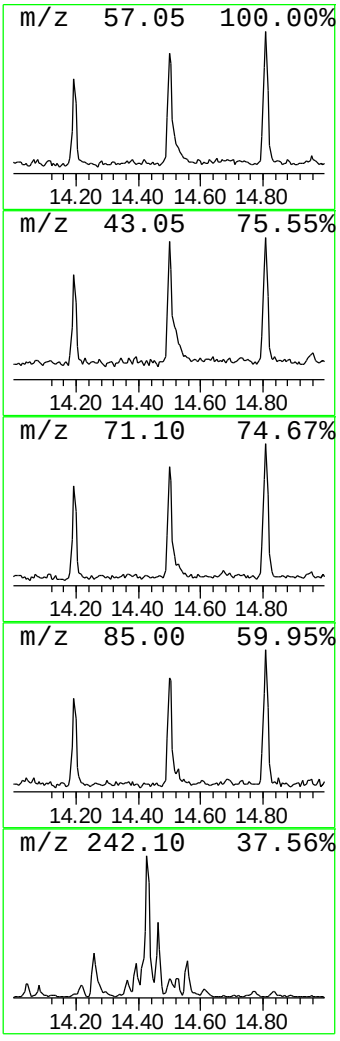
Peak Number 15 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.76 ng	224152	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	64
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	49
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	46
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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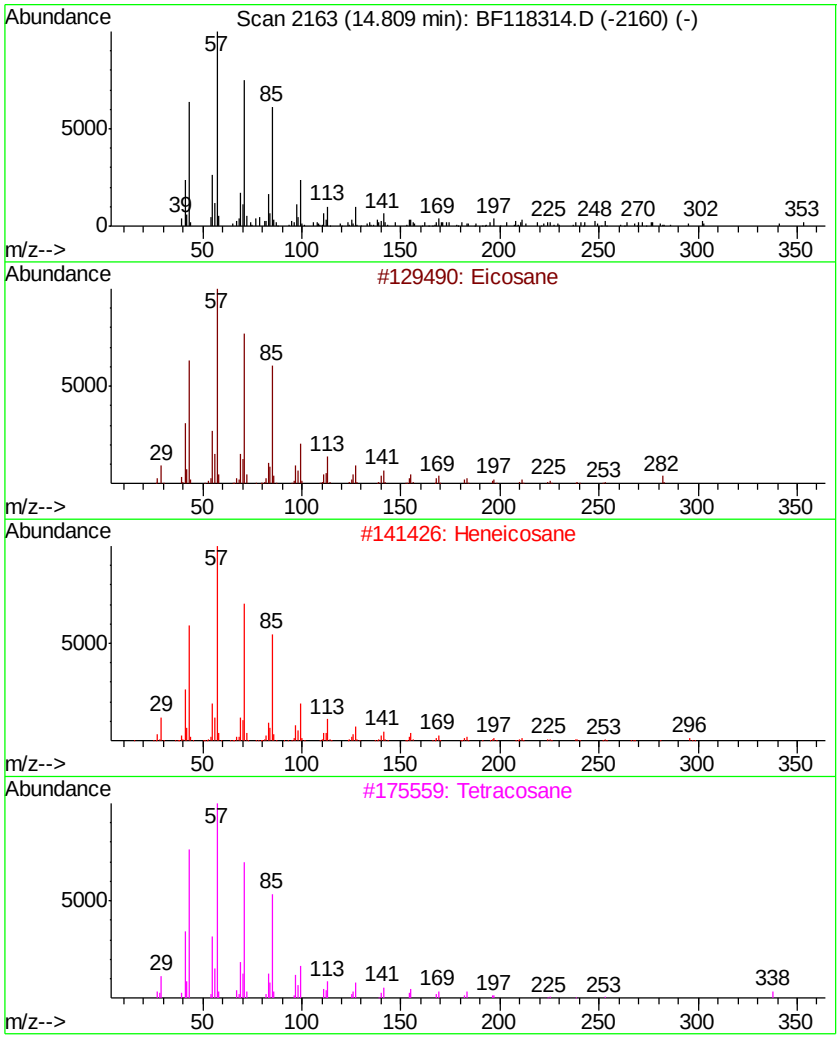
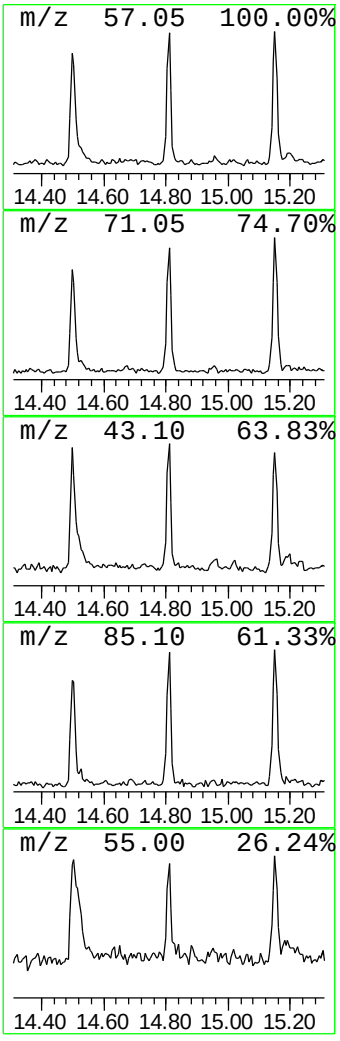
Peak Number 16 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.31 ng	127778	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Triacontane	422	C30H62	000638-68-6	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





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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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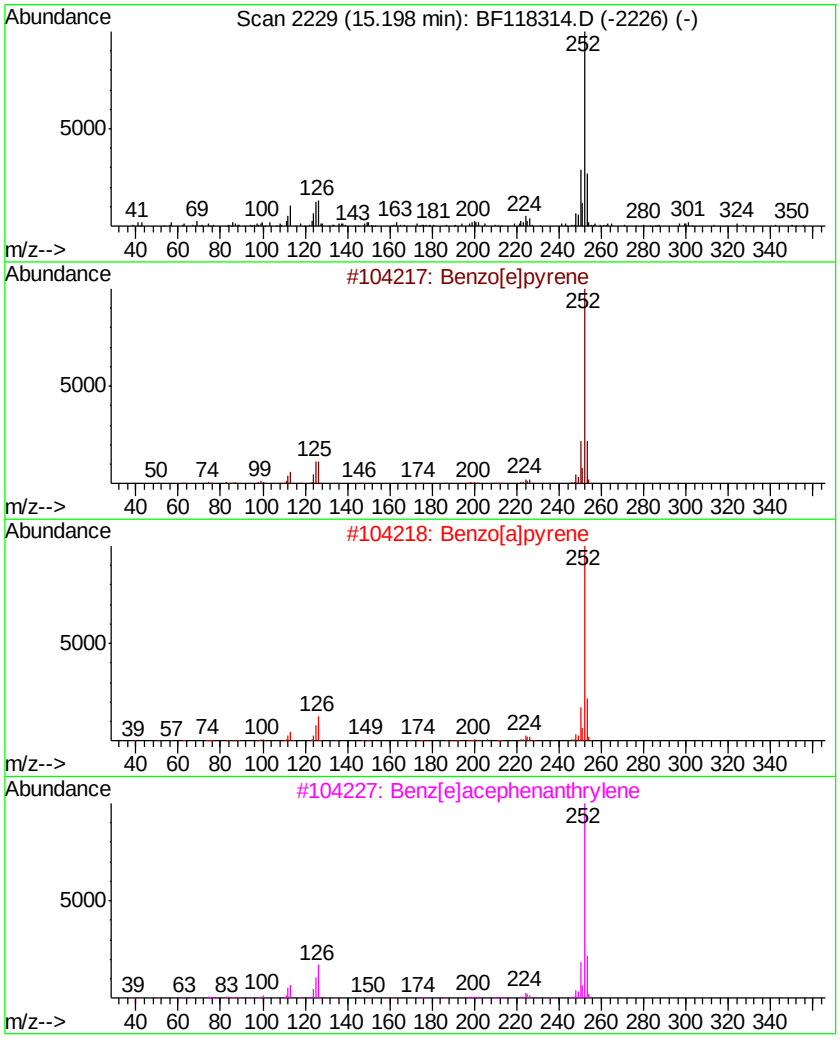
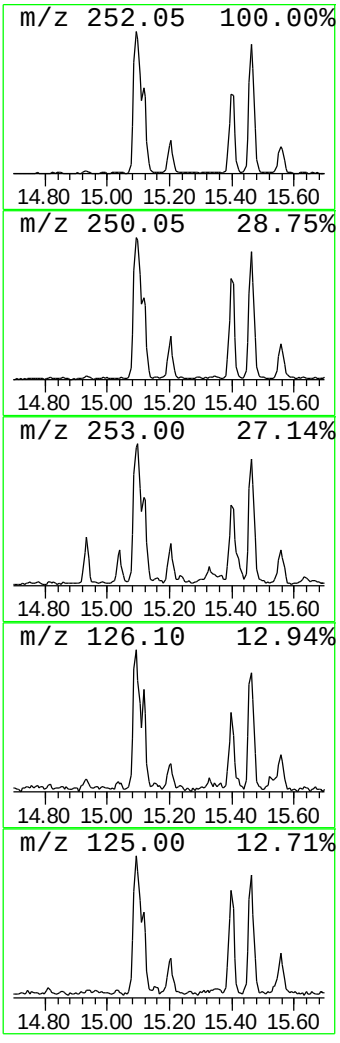
Peak Number 17 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.35 ng	129925	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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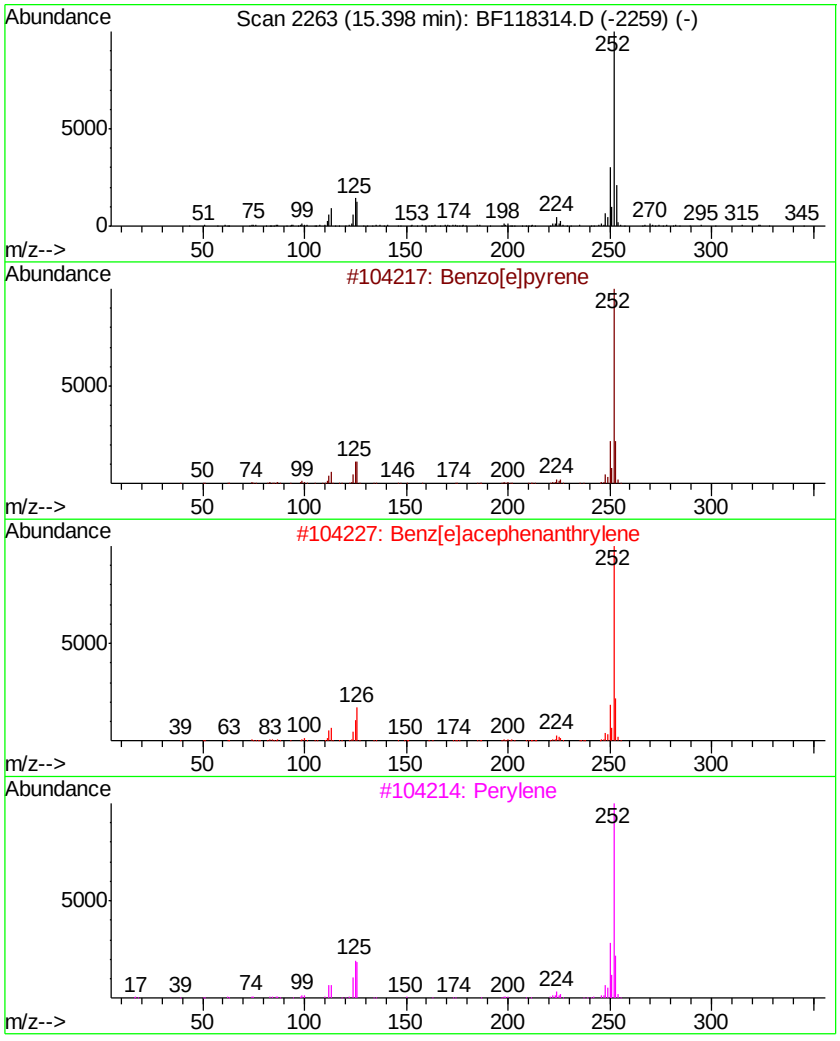
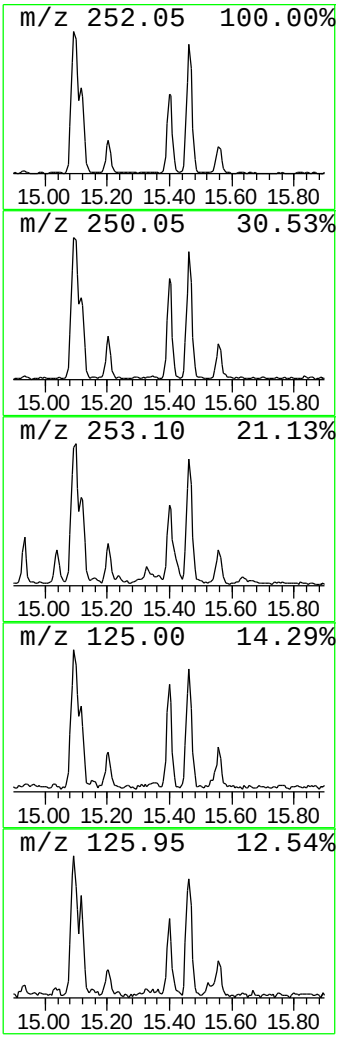
Peak Number 18 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	6.80 ng	376124	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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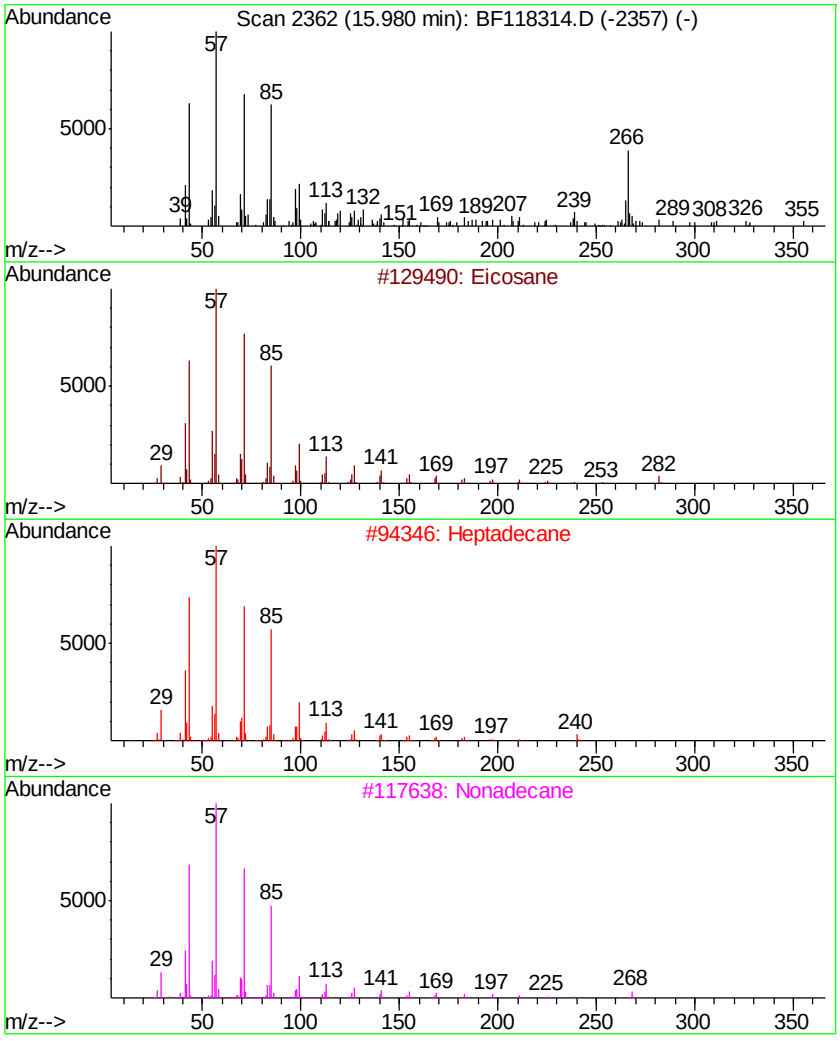
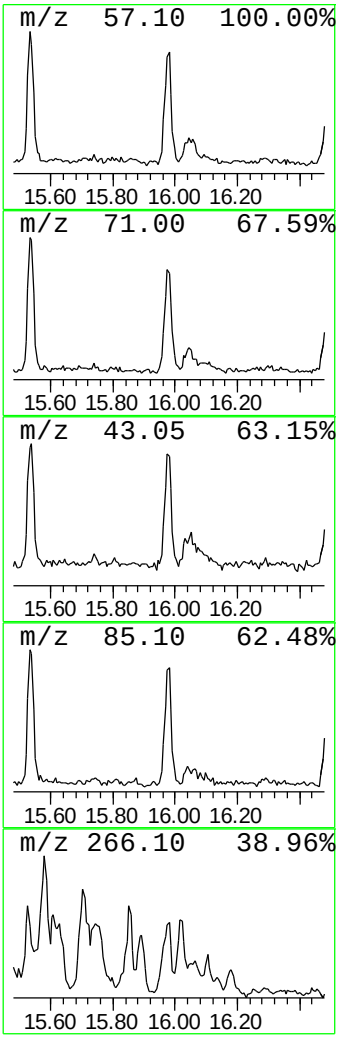
Peak Number 19 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	2.76 ng	152705	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane	268	C19H40	000629-92-5	89
4	Docosane	310	C22H46	000629-97-0	50
5	Tetracosane	338	C24H50	000646-31-1	49





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Instrument : BNA_F
ClientSampleId : TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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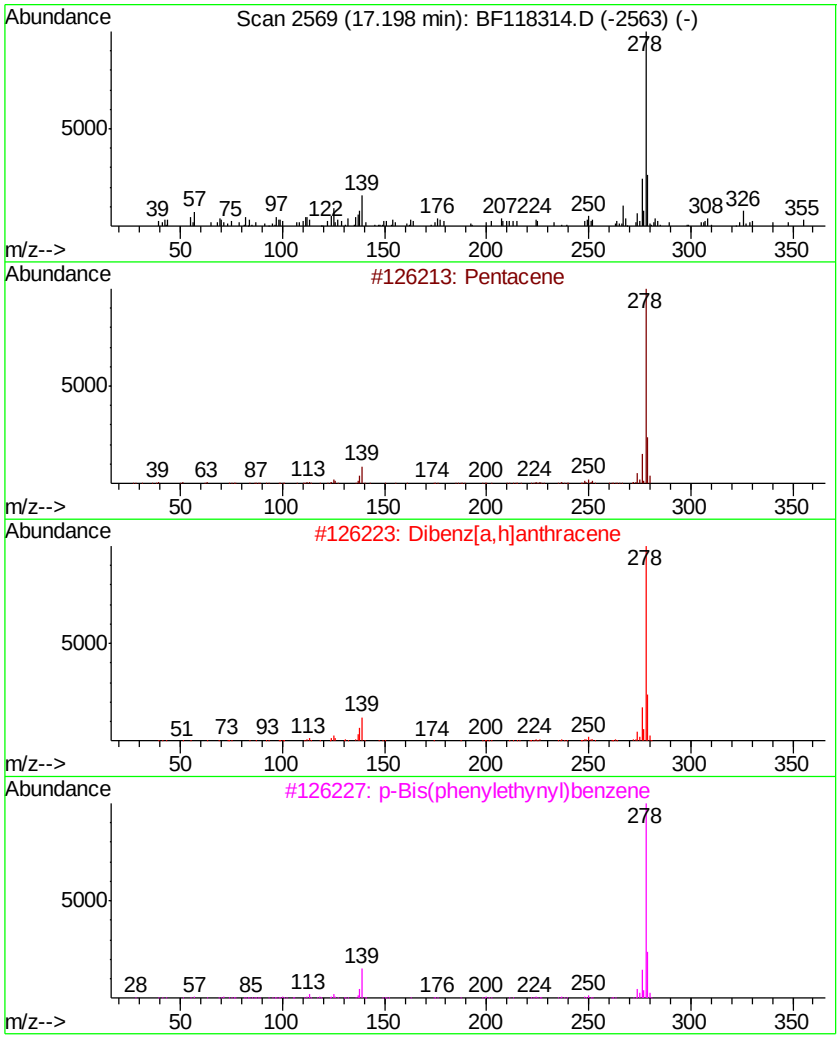
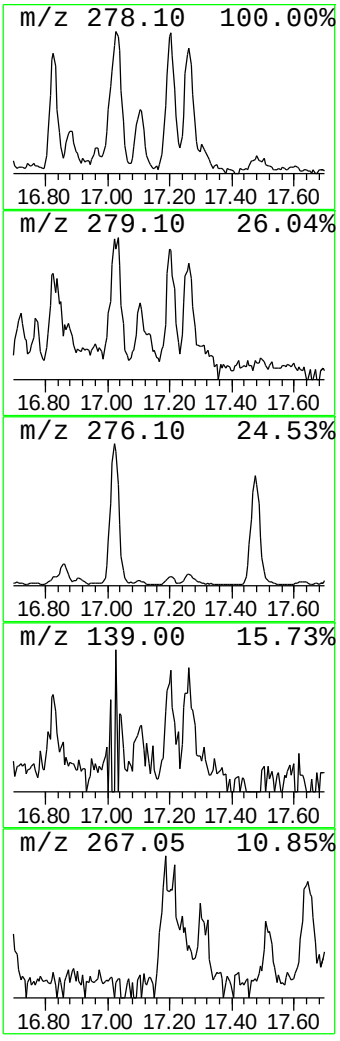
Peak Number 20 Pentacene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.54 ng	140624	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	83
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70
3	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	70
4	Pentaphene	278	C22H14	000222-93-5	64
5	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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
2-Pentanone, 4-hy...	5.05	12.3	ng	402609	1	6.85	656133	20.0
unknown6.62	6.62	75.1	ng	2464760	1	6.85	656133	20.0
5H-Indeno[1,2-b]p...	11.62	2.4	ng	139832	4	11.39	1164010	20.0
Phenanthrene, 2-m...	11.89	2.2	ng	130524	4	11.39	1164010	20.0
n-Hexadecanoic acid	11.92	8.8	ng	512284	4	11.39	1164010	20.0
4H-Cyclopenta[def...	12.00	3.4	ng	195985	4	11.39	1164010	20.0
Cyclopenta(def)ph...	12.53	2.6	ng	149745	4	11.39	1164010	20.0
Pyrene, 1-methyl-	13.06	2.8	ng	229552	5	14.04	1623730	20.0
Pyrene, 2-methyl-	13.27	2.7	ng	219348	5	14.04	1623730	20.0
11H-Benzo[a]fluor...	13.68	2.3	ng	189620	5	14.04	1623730	20.0
Heptadecyl heptaf...	13.87	8.9	ng	720740	5	14.04	1623730	20.0
7H-Benz[de]anthra...	14.19	2.4	ng	196033	5	14.04	1623730	20.0
Hexadecane	14.50	2.8	ng	224152	5	14.04	1623730	20.0
Eicosane	14.81	2.3	ng	127778	6	15.53	1106720	20.0
Benzo[e]pyrene	15.20	2.4	ng	129925	6	15.53	1106720	20.0
Perylene	15.40	6.8	ng	376124	6	15.53	1106720	20.0
Heptadecane	15.98	2.8	ng	152705	6	15.53	1106720	20.0
Pentacene	17.20	2.5	ng	140624	6	15.53	1106720	20.0