LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118162.D
Acq On : 10 Dec 2019 12:49
Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

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-BF120619.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	5.069	502	507	517	rVB	292151	354552	13.69%	1.081%
2	5.481	573	577	590	rVB	1967796	1782475	68.84%	5.432%
3	6.498	746	750	762	rBV	2093013	2004687	77.42%	6.109%
4	6.640	770	774	777	rBV	2436831	2028318	78.33%	6.181%
5	6.869	809	813	816	rBV	602280	514040	19.85%	1.567%
6	7.022	836	839	843	rBV	1818354	1594026	61.56%	4.858%
7	7.428	904	908	912	rBV	1237288	1172843	45.29%	3.574%
8	8.157	1028	1032	1035	rBV	698975	654462	25.27%	1.995%
9	9.233	1211	1215	1218	rBV	2926400	2331184	90.03%	7.105%
10	9.628	1279	1282	1286	rBV	144138	130087	5.02%	0.396%
11	9.839	1313	1318	1321	rBV3	21653	30147	1.16%	0.092%
12	9.916	1327	1331	1334	rBV	974870	766278	29.59%	2.335%
13	9.945	1334	1336	1340	rVB	94722	76175	2.94%	0.232%
14	10.122	1360	1366	1370	rBV2	63188	86002	3.32%	0.262%
15	10.463	1421	1424	1428	rBV	76146	68745	2.65%	0.210%
16	10.622	1448	1451	1455	rVB3	29805	36574	1.41%	0.111%
17	10.710	1462	1466	1476	rVB	1856647	1665491	64.32%	5.076%
18	10.833	1481	1487	1490	rBV	114727	117715	4.55%	0.359%
19	10.886	1493	1496	1498	rBV	181679	146184	5.65%	0.446%
20	10.916	1498	1501	1505	rVB2	152874	180983	6.99%	0.552%
21	10.951	1505	1507	1509	rBV	174905	136507	5.27%	0.416%
22	10.975	1509	1511	1514	rVV	88928	72544	2.80%	0.221%
23	11.022	1514	1519	1520	rVV3	67588	90968	3.51%	0.277%
24	11.033	1520	1521	1523	rVV	62255	45082	1.74%	0.137%
25	11.069	1523	1527	1530	rVB3	157423	181702	7.02%	0.554%
26	11.104	1530	1533	1535	rBV	179495	154569	5.97%	0.471%
27	11.145	1538	1540	1543	rVB2	106136	80402	3.10%	0.245%
28	11.216	1549	1552	1556	rVB2	32817	32915	1.27%	0.100%
29	11.269	1556	1561	1563	rVV2	50367	58676	2.27%	0.179%
30	11.304	1563	1567	1571	rVB3	58713	76825	2.97%	0.234%
31	11.410	1581	1585	1587	rBV	968918	853634	32.97%	2.602%
32	11.433	1587	1589	1592	rVV	850797	632359	24.42%	1.927%
33	11.486	1592	1598	1600	rVB	146340	149828	5.79%	0.457%
34	11.639	1618	1624	1630	rBV2	82649	139461	5.39%	0.425%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : WC-01

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.698	1631	1634	1638	rVB2	30959	36661	1.42%	0.112%
36	11.933	1667	1674	1681	rBV2	701666	901291	34.81%	2.747%
37	11.986	1681	1683	1686	rVV	65295	64546	2.49%	0.197%
38	12.022	1686	1689	1692	rVV	149073	181729	7.02%	0.554%
39	12.045	1692	1693	1697	rVB	86216	59586	2.30%	0.182%
40	12.098	1700	1702	1708	rVB4	29270	45787	1.77%	0.140%
41	12.210	1718	1721	1723	rBV	61513	53020	2.05%	0.162%
42	12.233	1723	1725	1729	rVB	59778	54311	2.10%	0.166%
43	12.416	1753	1756	1758	rVB3	34539	30602	1.18%	0.093%
44	12.463	1760	1764	1767	rVV	82084	91715	3.54%	0.280%
45	12.492	1767	1769	1773	rVV4	44033	56241	2.17%	0.171%
46	12.551	1776	1779	1784	rBV2	51431	56432	2.18%	0.172%
47	12.627	1788	1792	1797	rBV	1032208	905248	34.96%	2.759%
48	12.721	1804	1808	1813	rBV	441299	452732	17.48%	1.380%
49	12.780	1816	1818	1820	rVB	40137	33629	1.30%	0.102%
50	12.857	1825	1831	1834	rBV	906993	993117	38.35%	3.027%
51	12.998	1849	1855	1858	rBV	2871263	2589463	100.00%	7.892%
52	13.074	1864	1868	1872	rBV3	73924	130939	5.06%	0.399%
53	13.163	1880	1883	1884	rBV2	54570	53882	2.08%	0.164%
54	13.186	1885	1887	1891	rVB	108023	97627	3.77%	0.298%
55	13.221	1891	1893	1896	rBV3	38579	36727	1.42%	0.112%
56	13.251	1896	1898	1901	rBV	58680	49487	1.91%	0.151%
57	13.292	1902	1905	1907	rBV2	81744	74662	2.88%	0.228%
58	13.386	1918	1921	1923	rBV	58927	71251	2.75%	0.217%
59	13.416	1924	1926	1929	rVV	57423	68387	2.64%	0.208%
60	13.568	1950	1952	1954	rVB	44486	32484	1.25%	0.099%
61	13.698	1972	1974	1978	rVB	69694	62298	2.41%	0.190%
62	13.833	1995	1997	2000	rVB2	50011	37949	1.47%	0.116%
63	13.892	2004	2007	2017	rVB4	386434	549033	21.20%	1.673%
64	14.063	2031	2036	2038	rBV2	750245	944148	36.46%	2.877%
65	14.086	2038	2040	2046	rVB	357100	305488	11.80%	0.931%
66	14.215	2059	2062	2067	rVB	215782	232341	8.97%	0.708%
67	14.521	2111	2114	2120	rBV	316926	325749	12.58%	0.993%
68	14.833	2163	2167	2172	rBV	448455	468590	18.10%	1.428%
69	15.115	2211	2215	2218	rBV	309465	452685	17.48%	1.380%
70	15.180	2222	2226	2231	rVB	507201	637315	24.61%	1.942%
71	15.427	2265	2268	2274	rVB	196520	263288	10.17%	0.802%

LSC Area Percent Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.492	2275	2279	2284	rVV	270707	360808	13.93%	1.100%
73	15.562	2286	2291	2305	rVB3	748569	1525001	58.89%	4.648%
74	16.015	2364	2368	2374	rBV	340467	498949	19.27%	1.521%
75	16.539	2453	2457	2462	rBV	159731	244589	9.45%	0.745%
76	17.068	2542	2547	2555	rVB2	116101	236532	9.13%	0.721%

Sum of corrected areas: 32812759

LSC Report - Integrated Chromatogram

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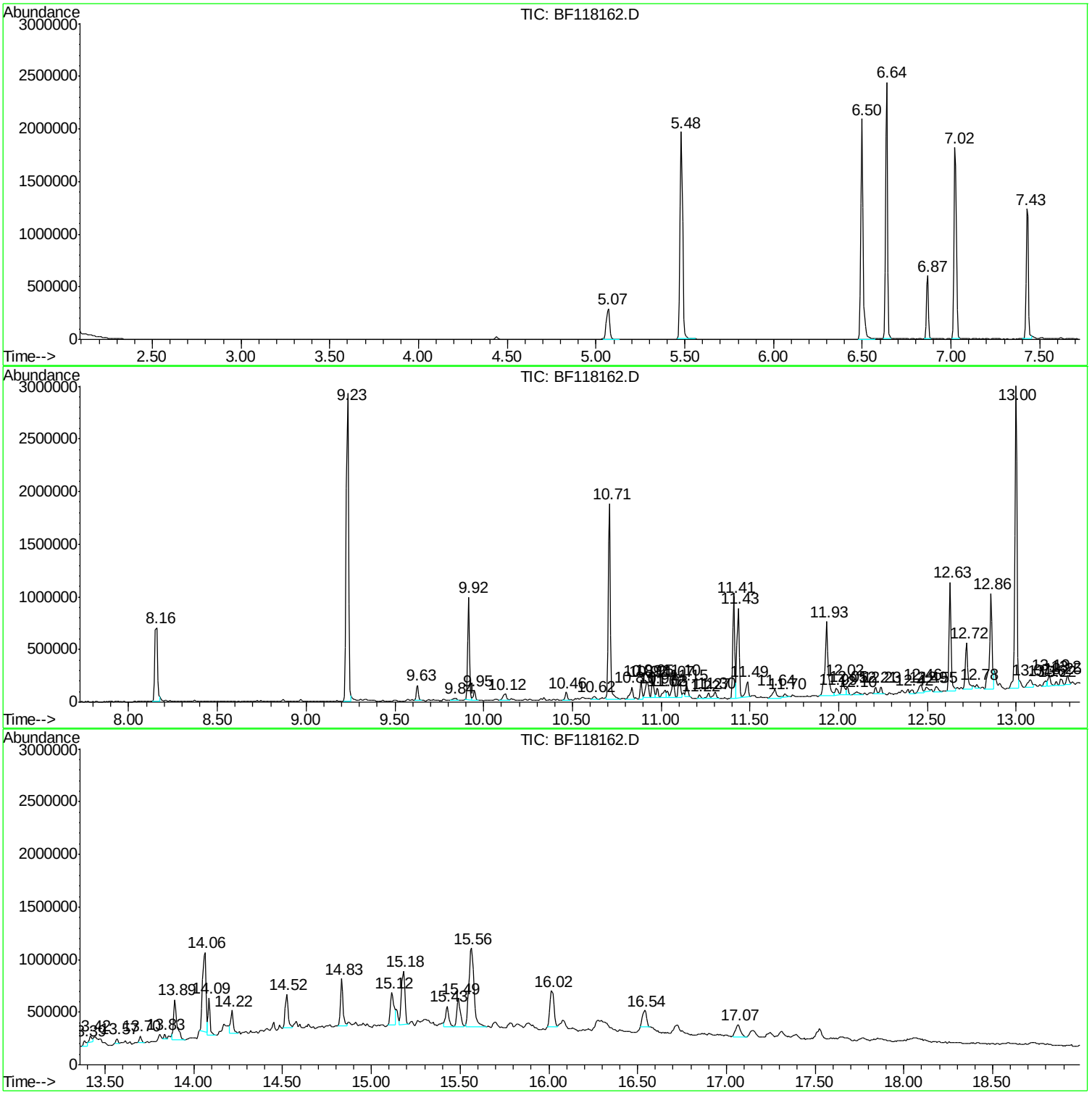
Data File : BF118162.D
Acq On : 10 Dec 2019 12:49
Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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\BF121019\
Data File : BF118162.D
Acq On : 10 Dec 2019 12:49
Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

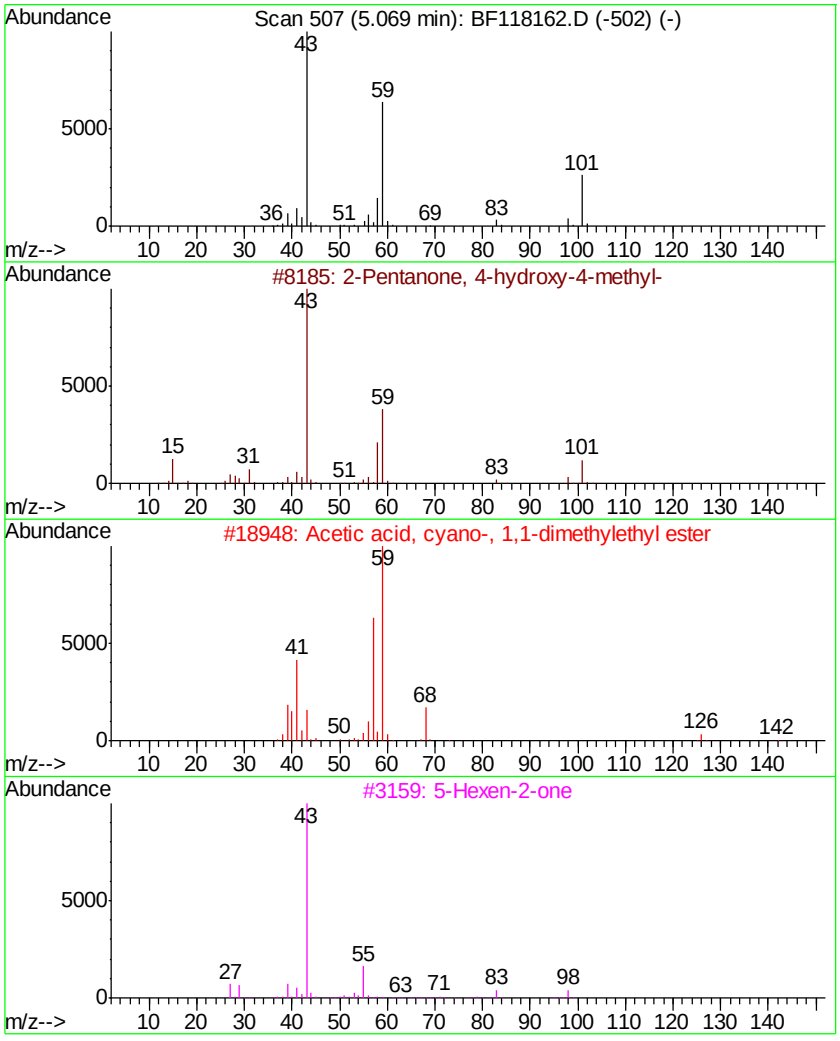
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

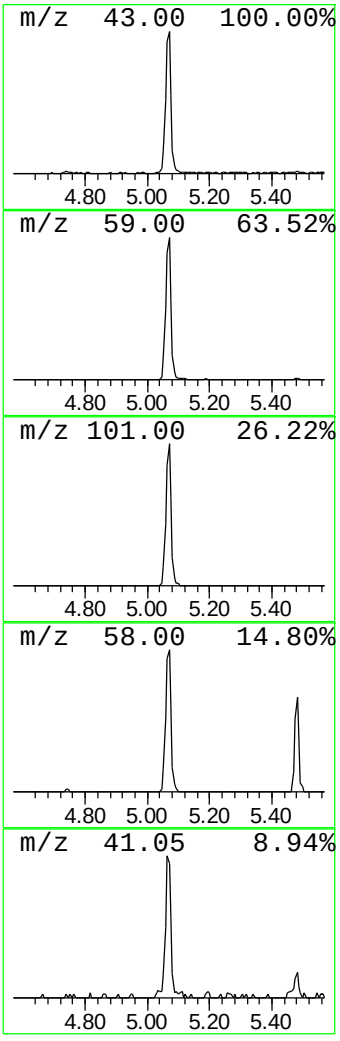
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	13.79 ng	354552	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
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Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

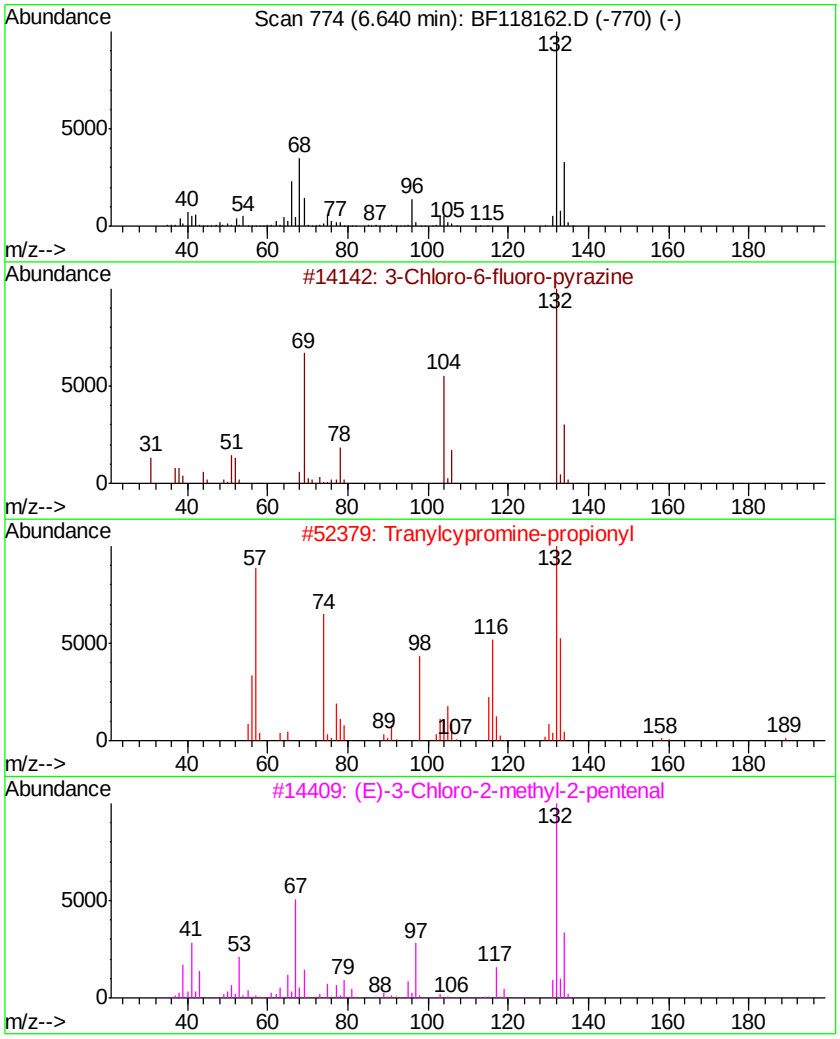
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

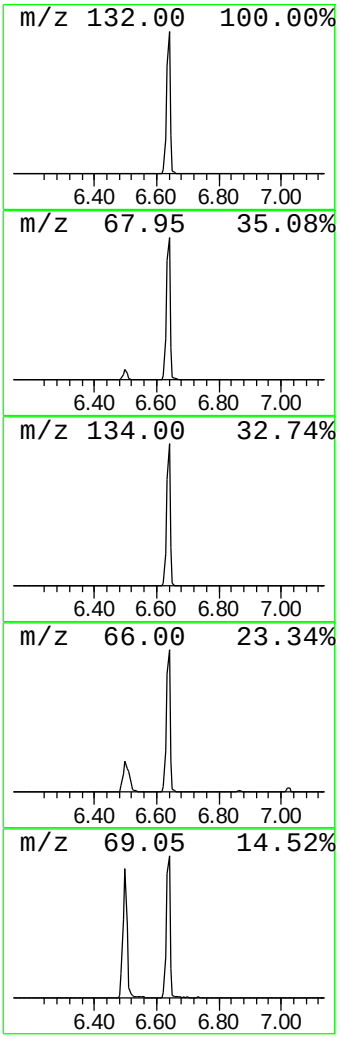
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	78.92 ng	2028320	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
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TIC Library : C:\DATABASE\NIST11.L
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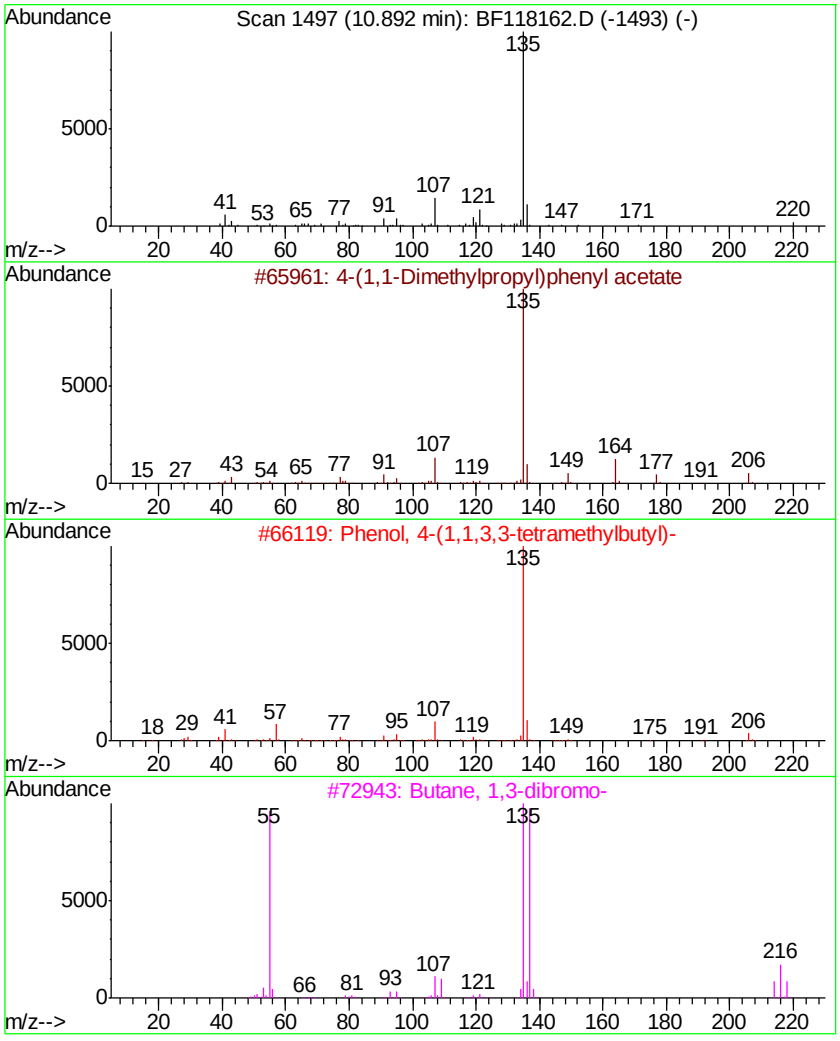
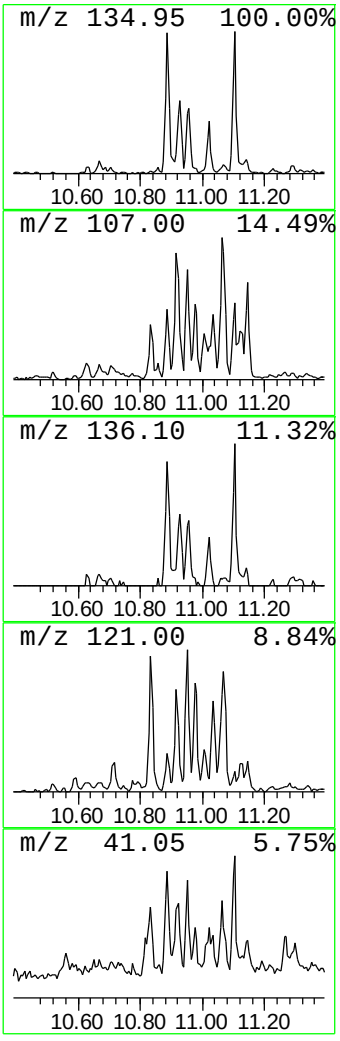
****

Peak Number 4 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	3.42 ng	146184	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64
4	Hexestrol	270	C18H22O2	000084-16-2	64
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	59





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Instrument : BNA_F
ClientSampleId : WC-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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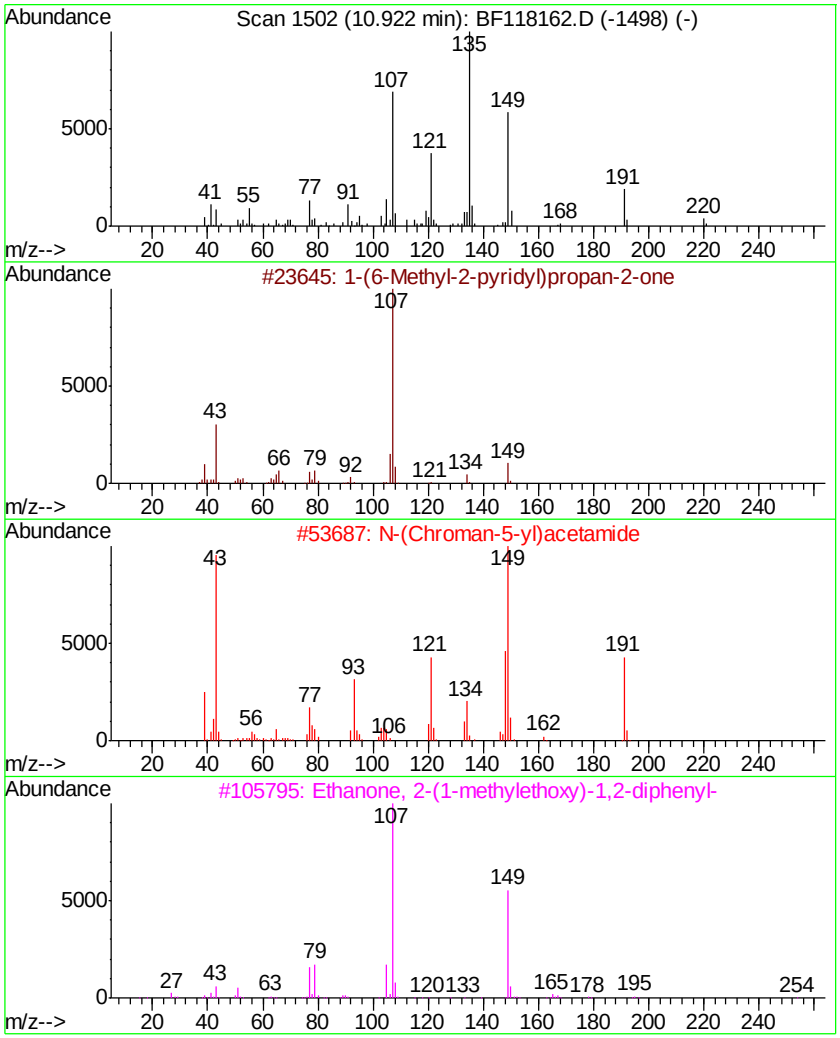
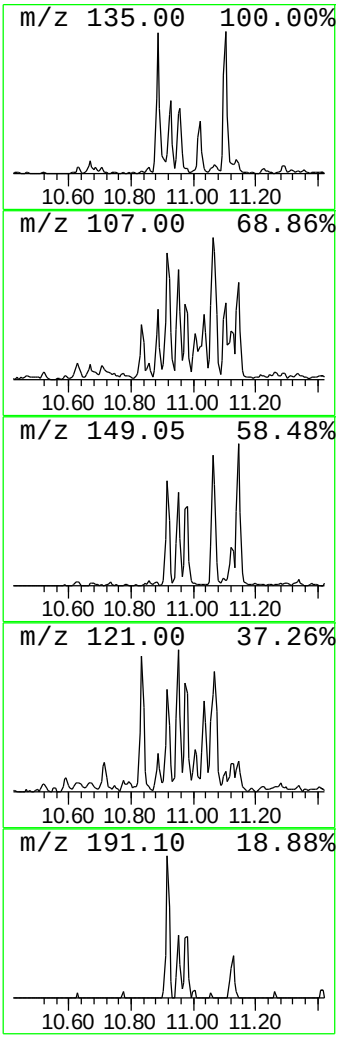
****

Peak Number 5 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.24 ng	180983	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	64
2	N-(Chroman-5-yl)acetamide	191	C11H13NO2	1000306-69-8	46
3	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	43
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	42





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

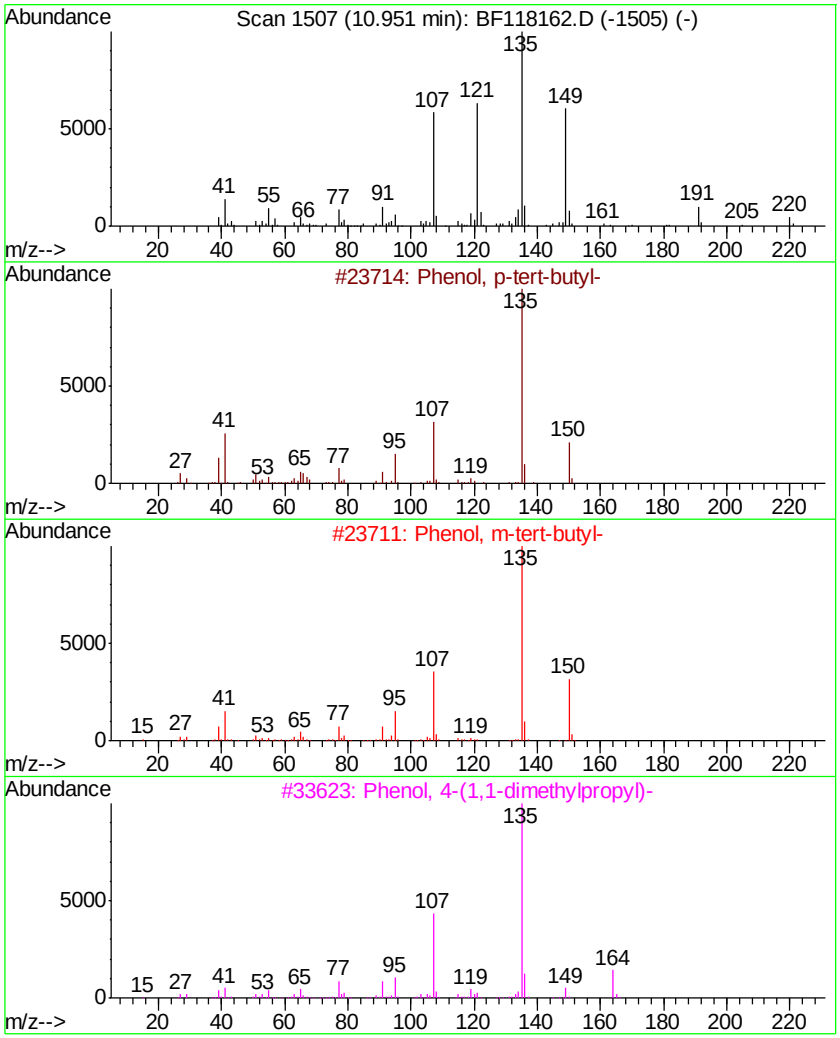
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

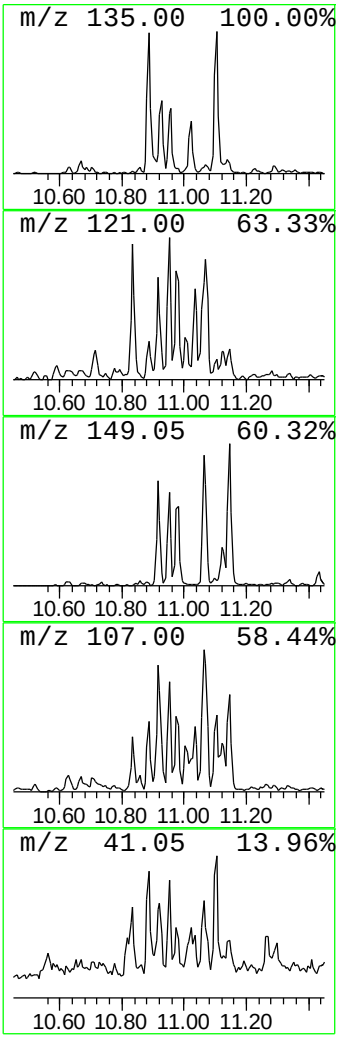
****

Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	3.20 ng	136507	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
4	Hexestrol	270	C18H22O2	000084-16-2	47
5	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	47





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Data File : BF118162.D
Acq On : 10 Dec 2019 12:49
Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

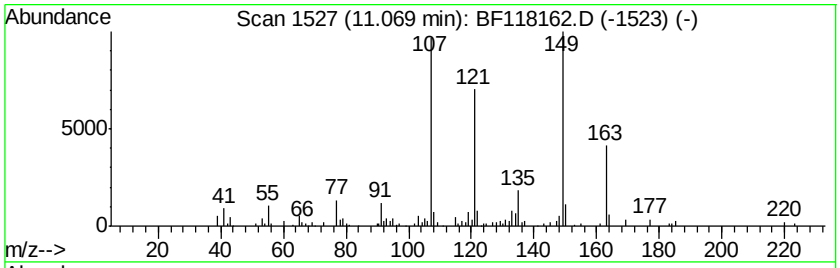
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

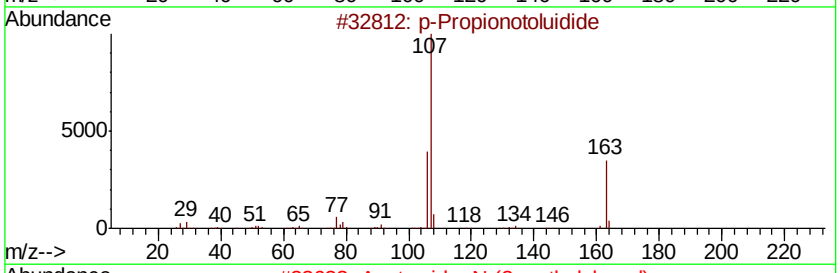
****

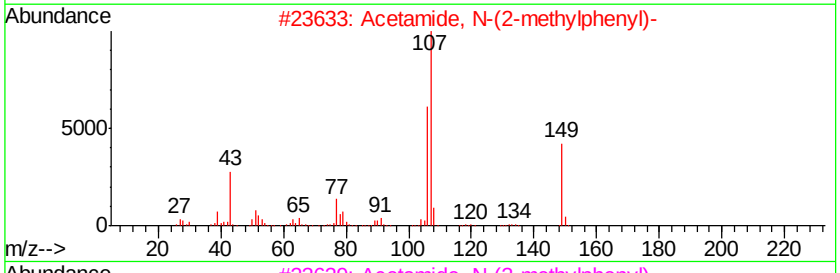
Peak Number 7 unknown11.07 Concentration Rank 12

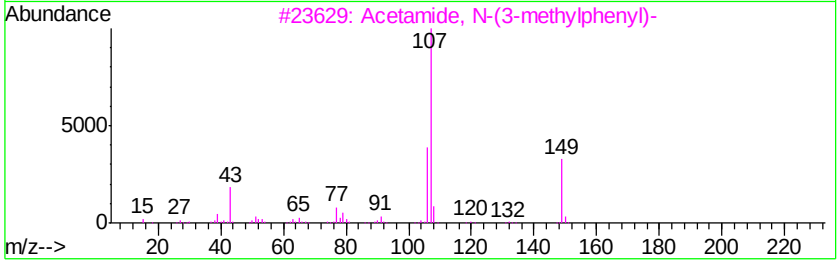
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	4.26 ng	181702	Phenanthrene-d10	11.41

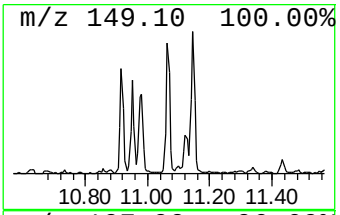
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Propionotoluidide	163	C10H13NO	002759-55-9	43
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
4	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	38
5	Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	38

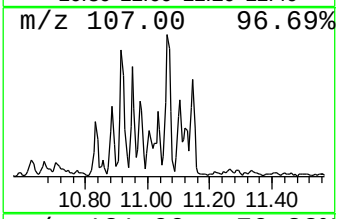


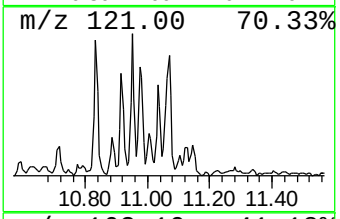


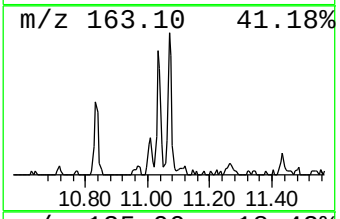


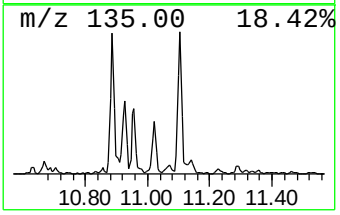












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Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

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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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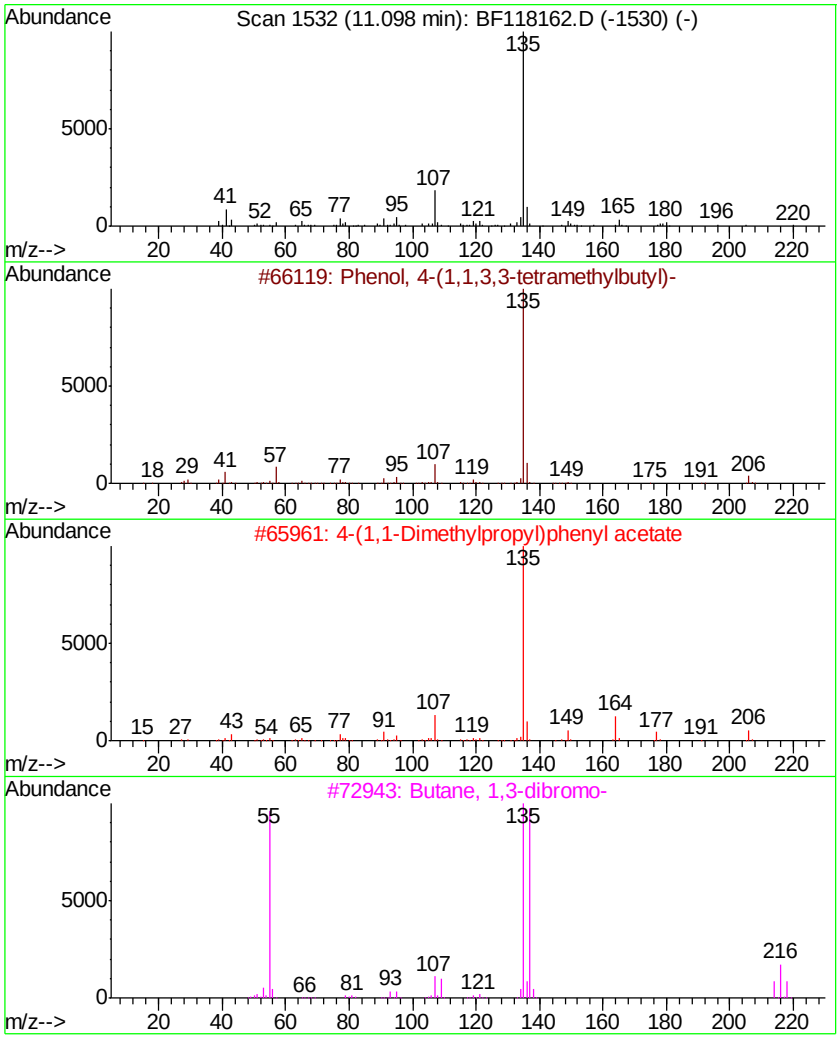
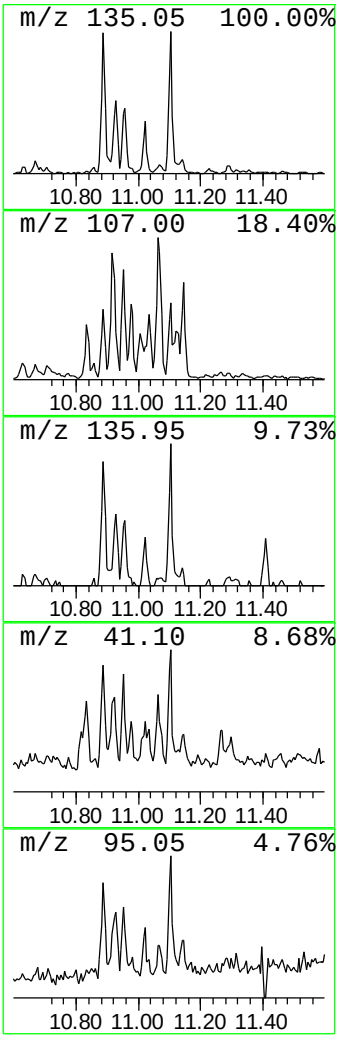
Peak Number 8 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.62 ng	154569	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
3	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	78
4	Hexestrol	270	C18H22O2	000084-16-2	78
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78





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Instrument : BNA_F
ClientSampleId : WC-01

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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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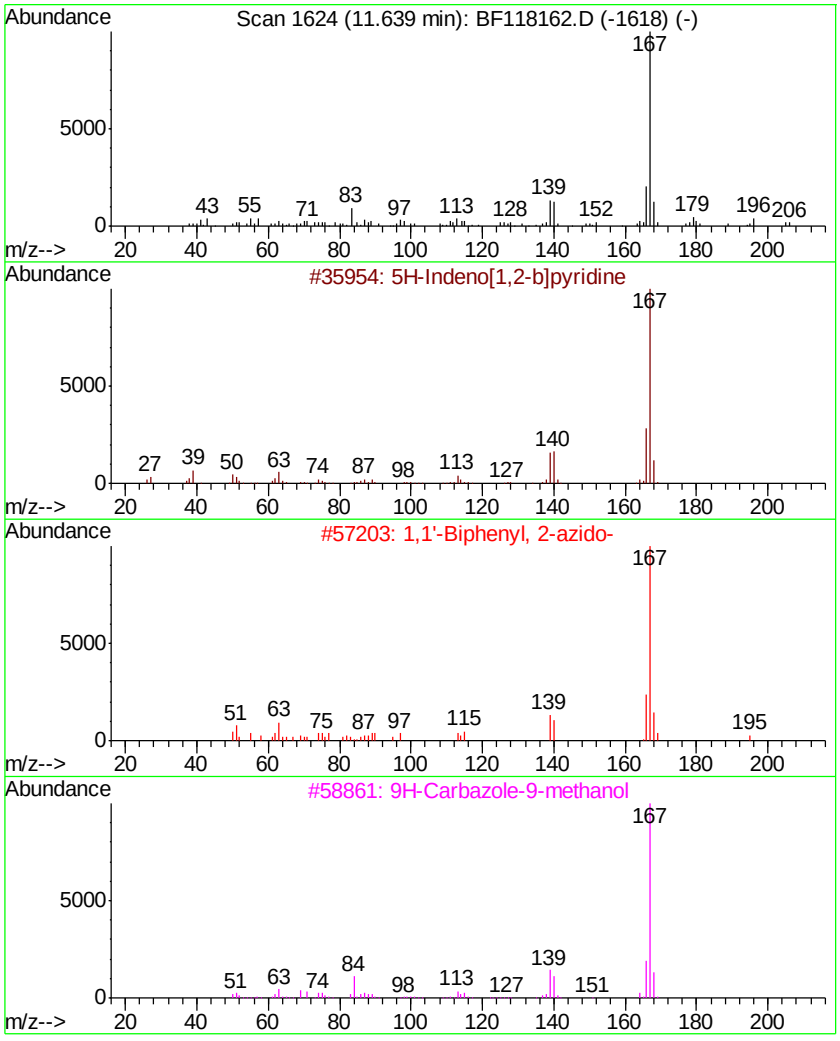
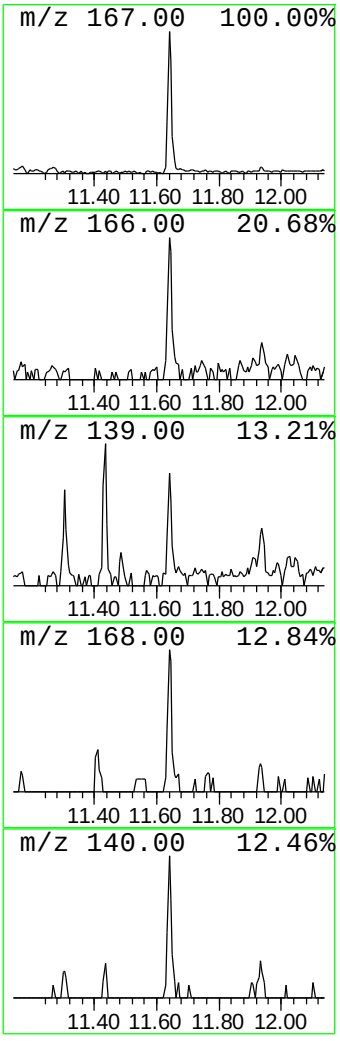
Peak Number 9 5H-Indeno[1,2-b]pyridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	3.27 ng	139461	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	90
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
4	Carbazole	167	C12H9N	000086-74-8	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86





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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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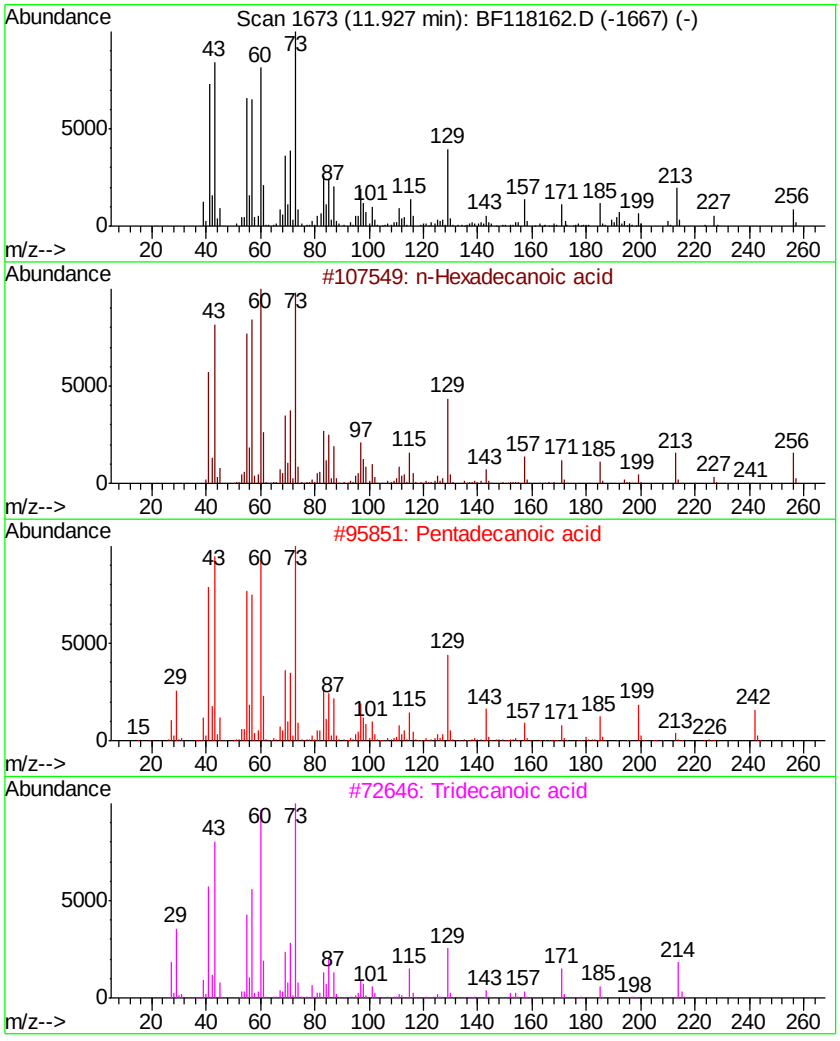
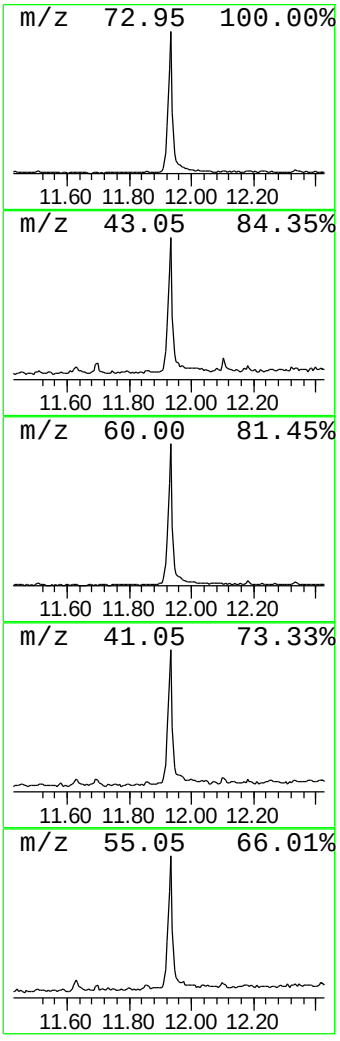
Peak Number 10 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	21.12 ng	901291	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Instrument : BNA_F
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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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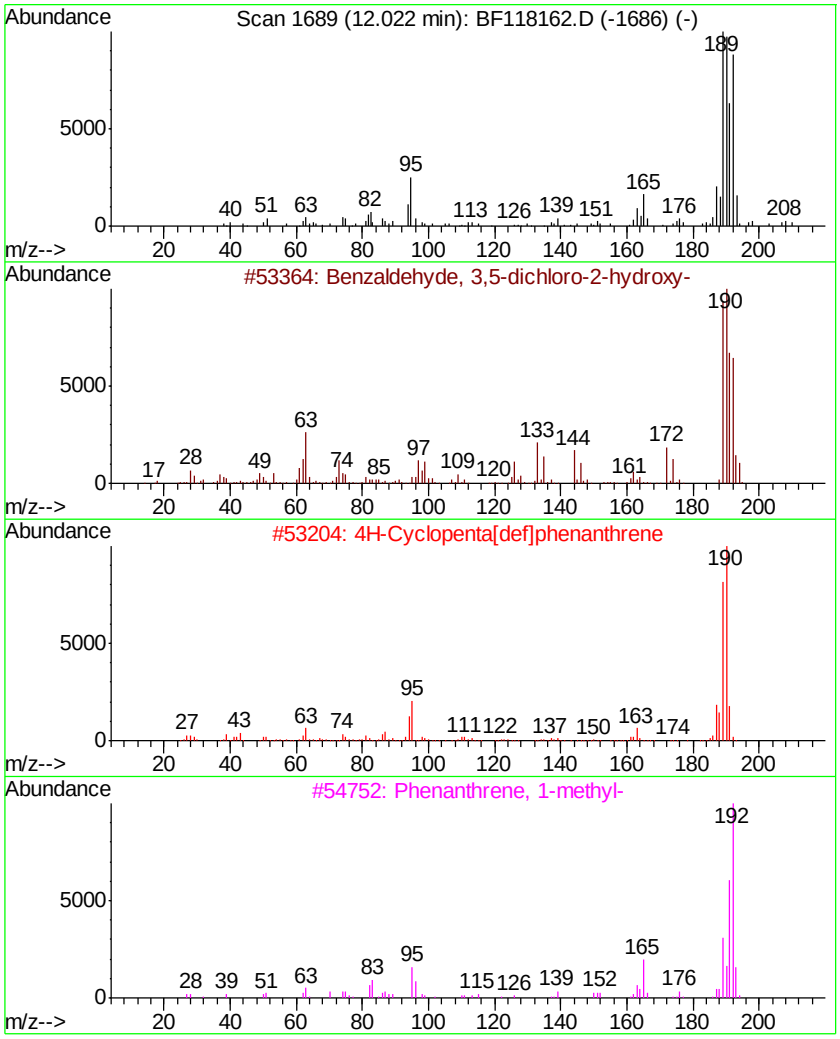
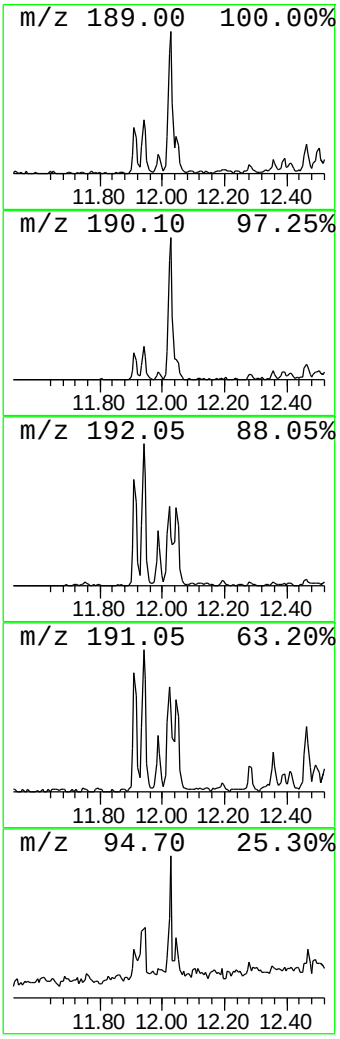
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.26 ng	181729	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42





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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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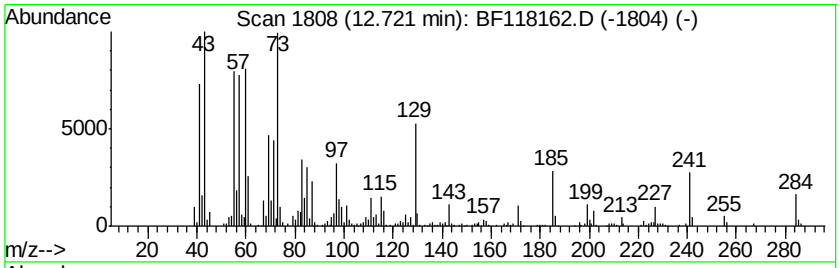
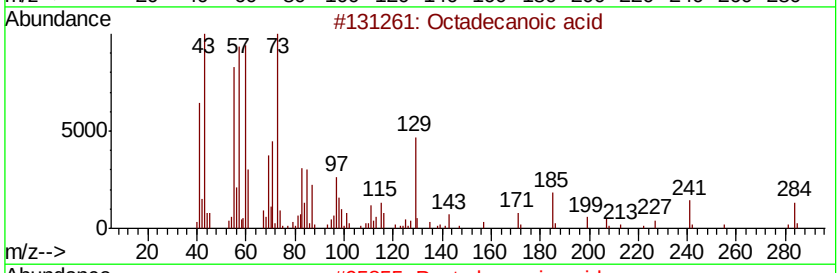
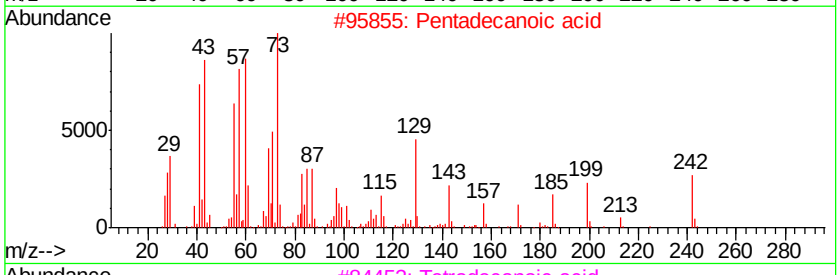
Peak Number 12 Octadecanoic acid Concentration Rank 6

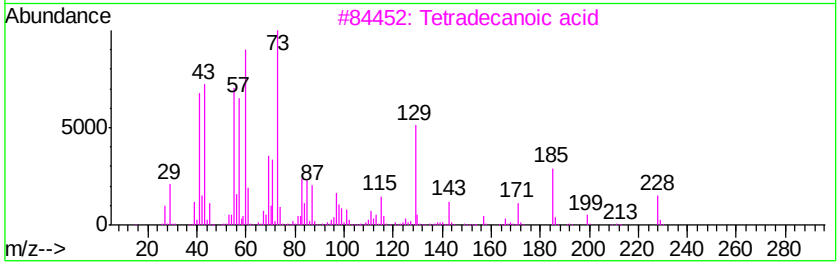
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	10.61 ng	452732	Phenanthrene-d10	11.41

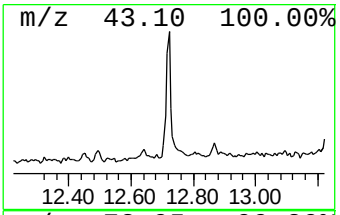
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72

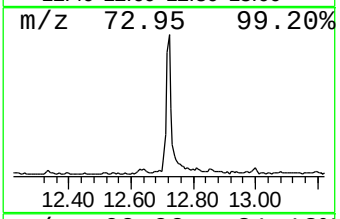


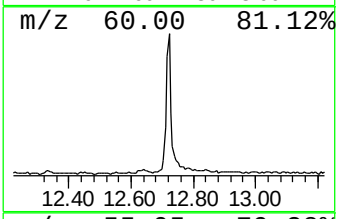


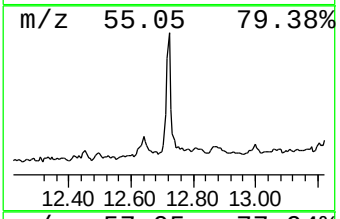


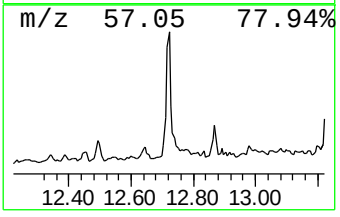












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Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

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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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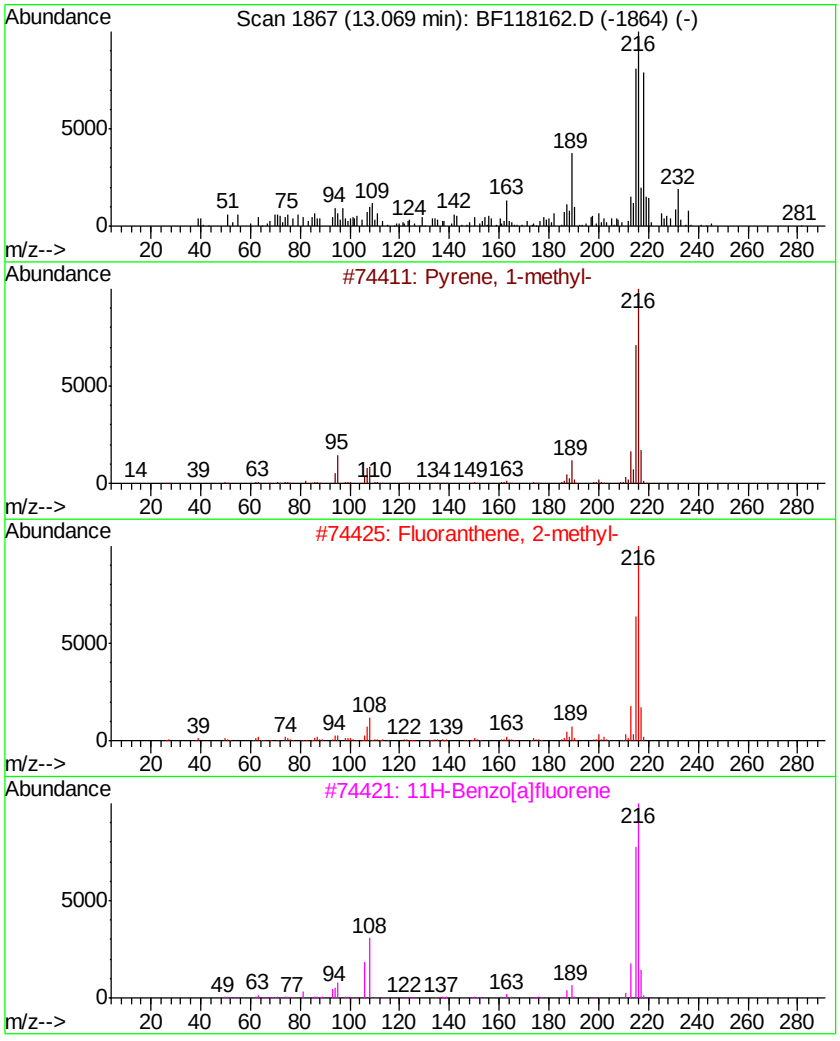
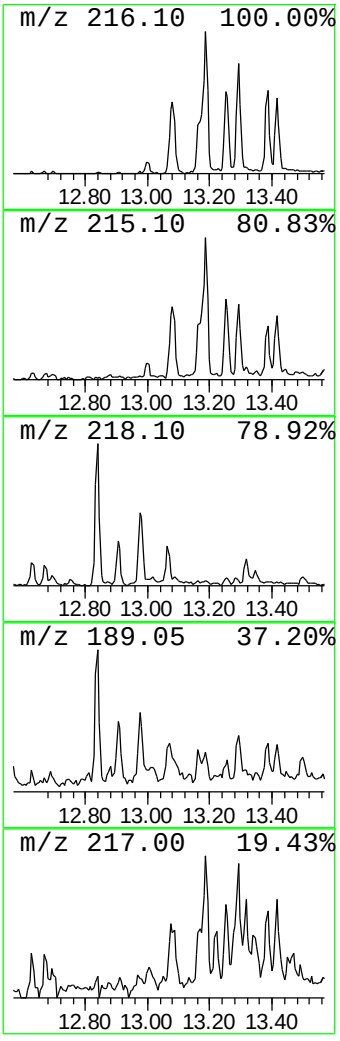
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.77 ng	130939	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	58





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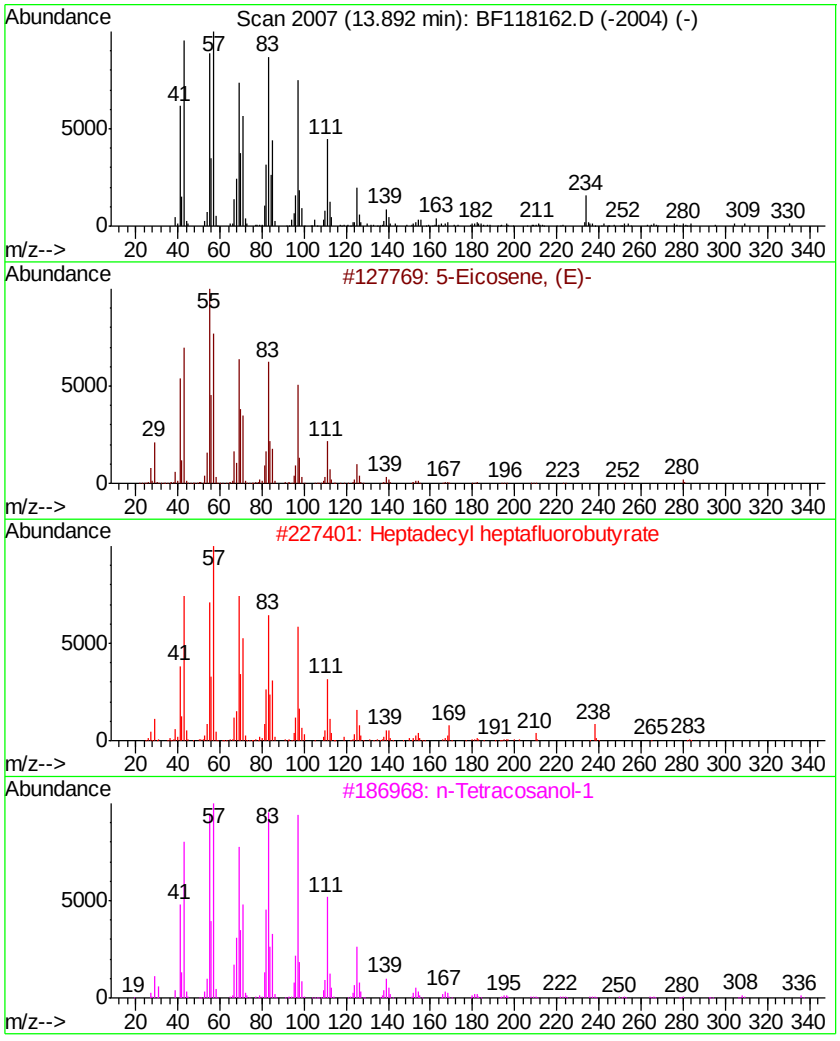
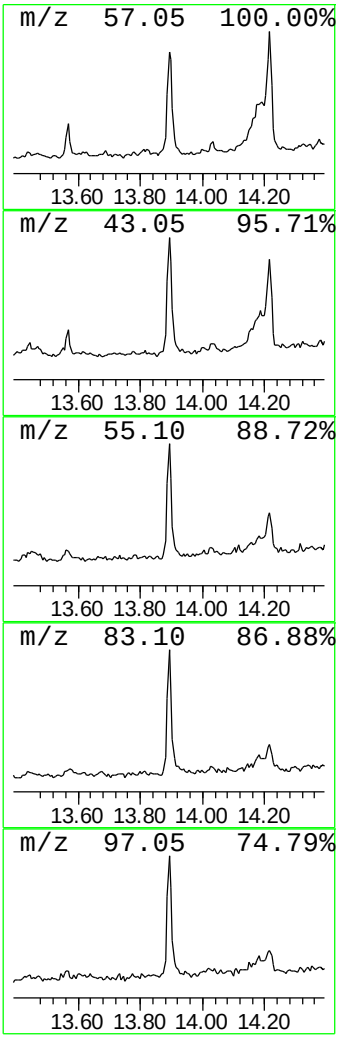
Peak Number 14 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	11.63 ng	549033	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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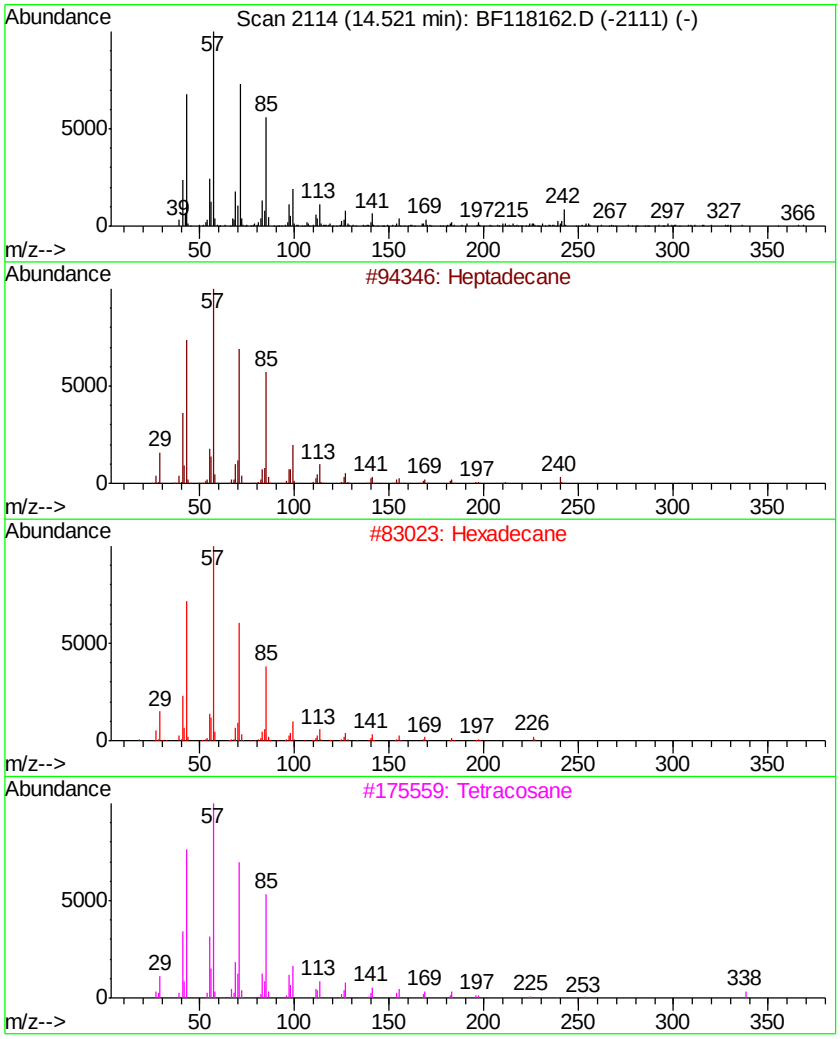
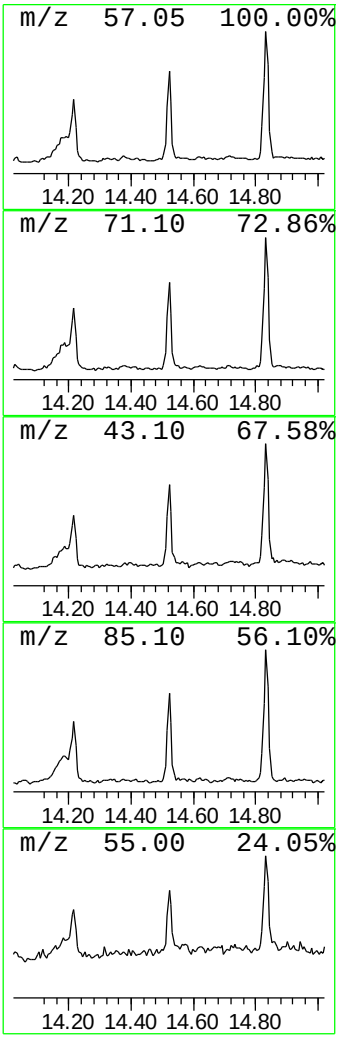
Peak Number 16 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	6.90 ng	325749	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Docosane	310	C22H46	000629-97-0	90





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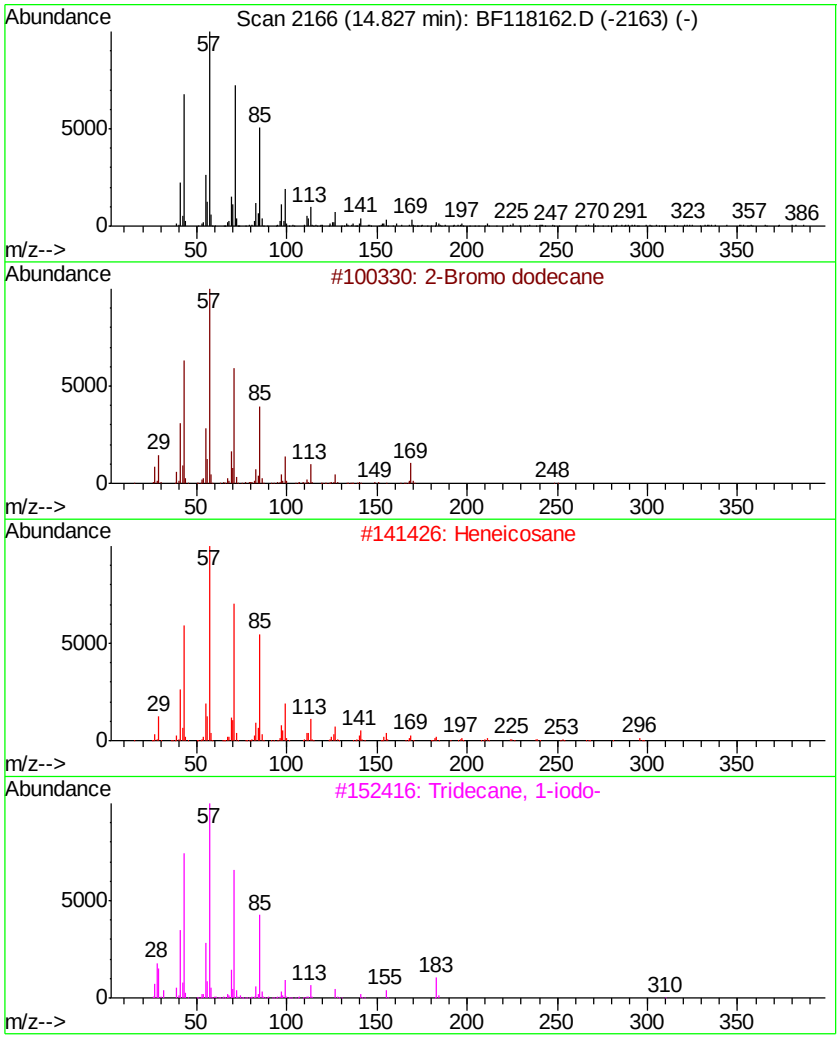
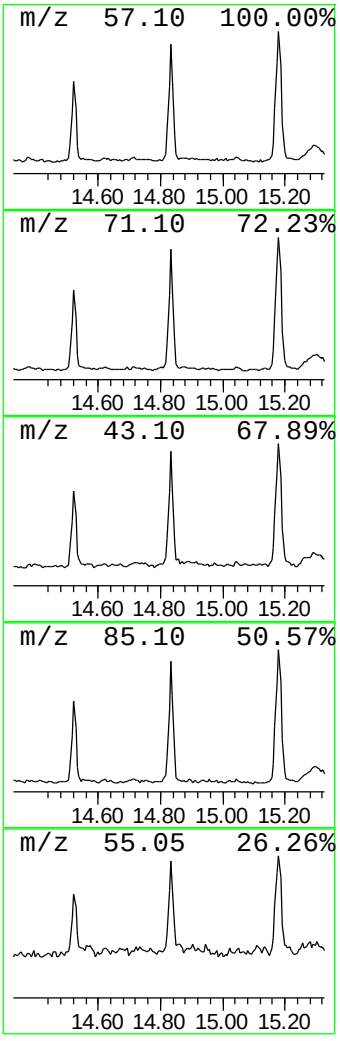
Peak Number 17 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	6.15 ng	468590	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118162.D
Acq On : 10 Dec 2019 12:49
Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

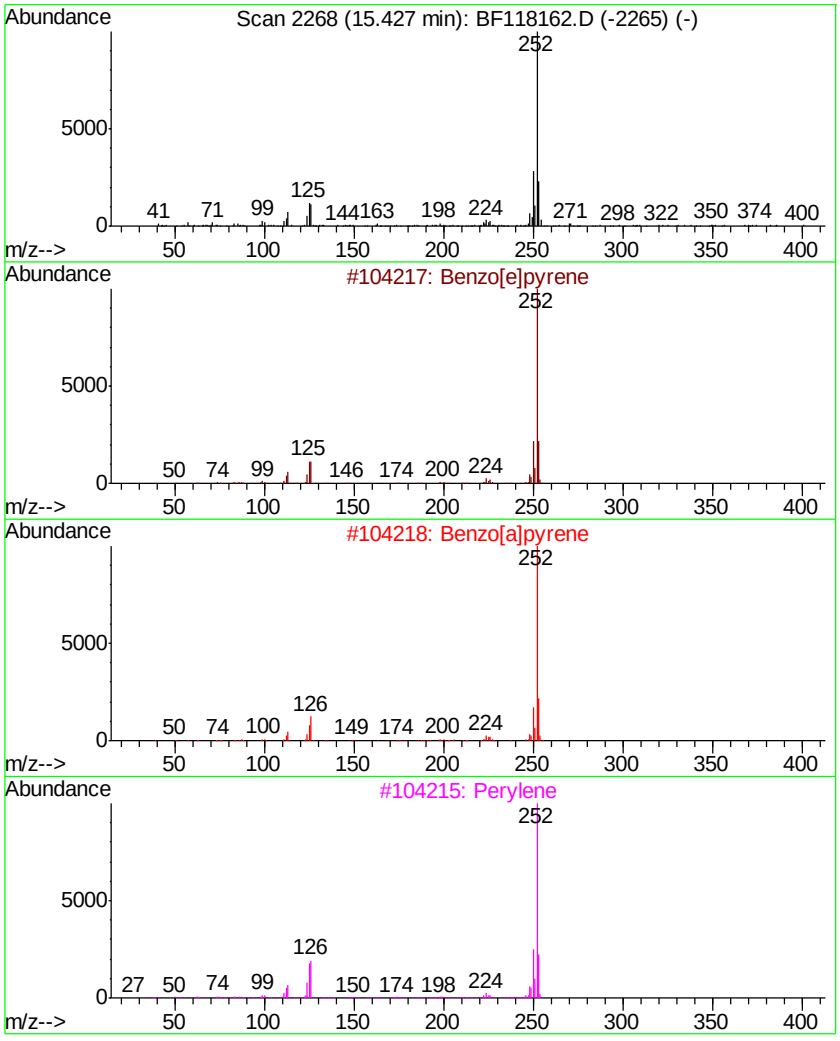
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

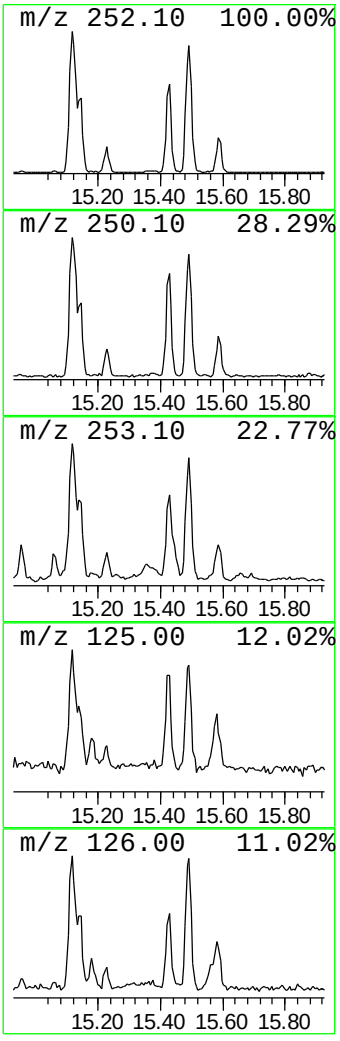
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.45 ng	263288	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118162.D
Acq On : 10 Dec 2019 12:49
Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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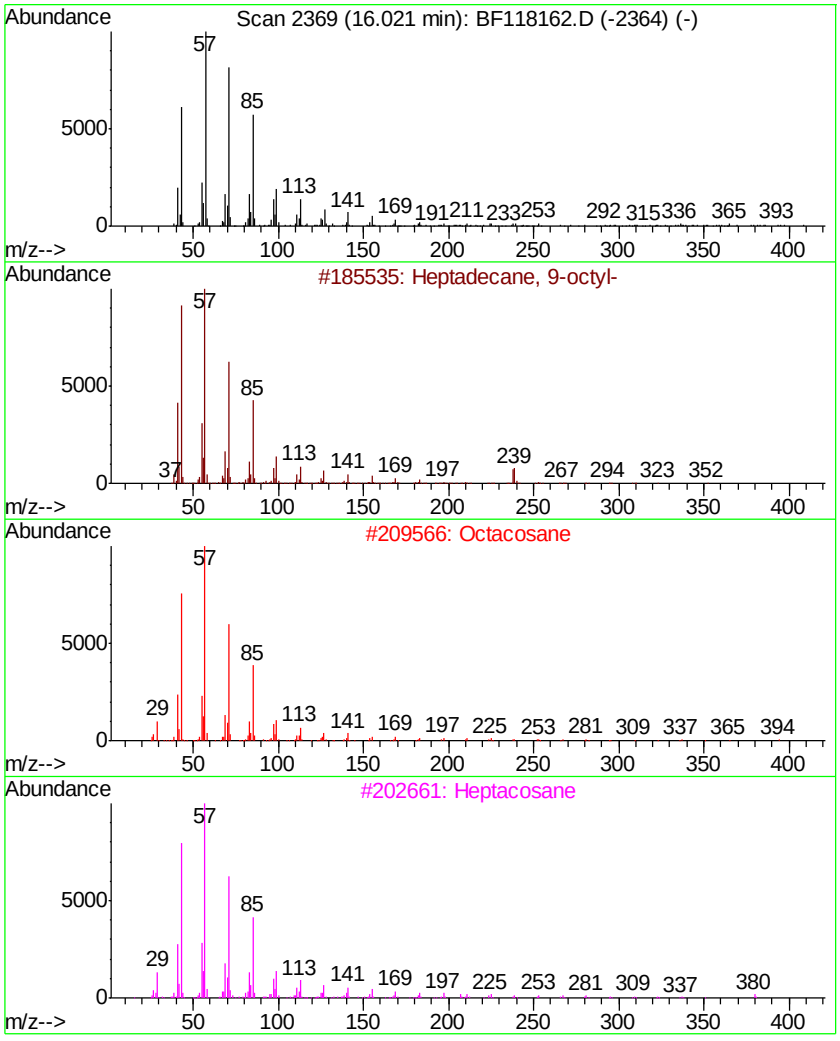
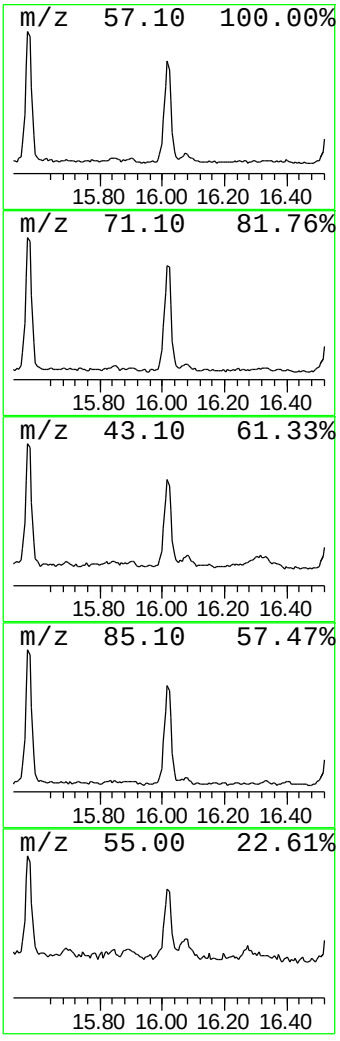
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	6.54 ng	498949	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118162.D
Acq On : 10 Dec 2019 12:49
Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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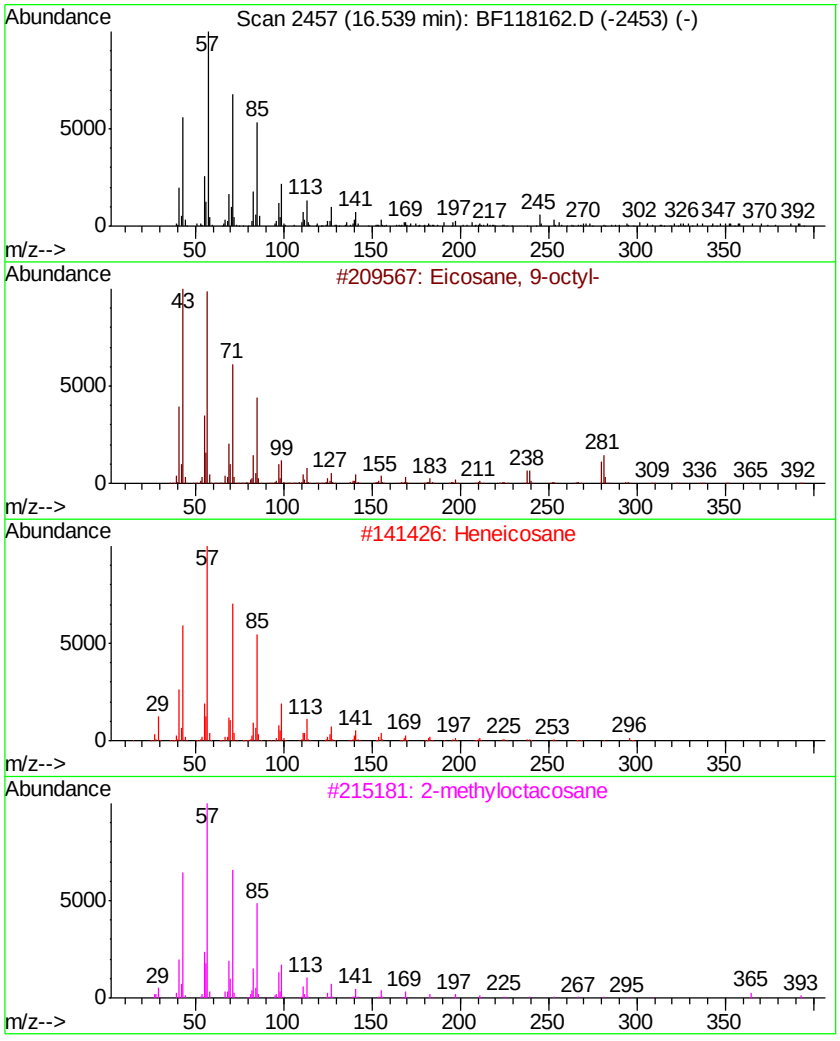
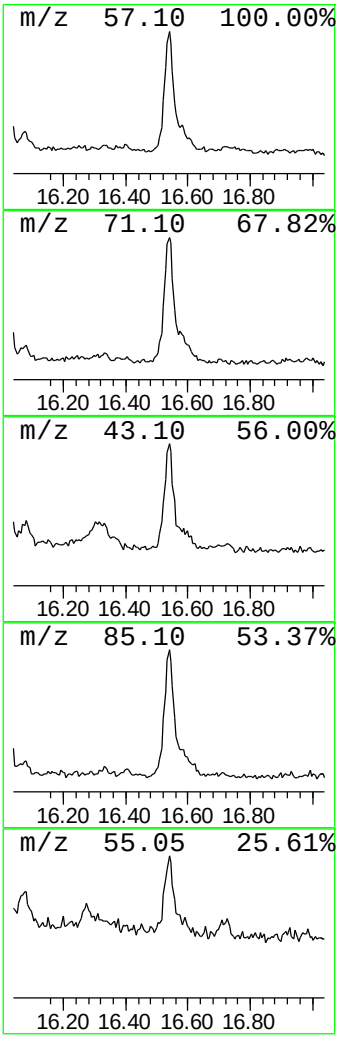
Peak Number 20 Eicosane, 9-octyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.21 ng	244589	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121019\
Data File : BF118162.D
Acq On : 10 Dec 2019 12:49
Operator : JU
Sample : K6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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...	5.07	13.8	ng	354552	1	6.87	514040	20.0
unknown6.64	6.64	78.9	ng	2028320	1	6.87	514040	20.0
4-(1,1-Dimethylpr...	10.89	3.4	ng	146184	4	11.41	853634	20.0
1-(6-Methyl-2-pyr...	10.92	4.2	ng	180983	4	11.41	853634	20.0
Phenol, p-tert-bu...	10.95	3.2	ng	136507	4	11.41	853634	20.0
unknown11.07	11.07	4.3	ng	181702	4	11.41	853634	20.0
Phenol, 4-(1,1,3,...	11.10	3.6	ng	154569	4	11.41	853634	20.0
5H-Indeno[1,2-b]p...	11.64	3.3	ng	139461	4	11.41	853634	20.0
n-Hexadecanoic acid	11.93	21.1	ng	901291	4	11.41	853634	20.0
Benzaldehyde, 3,5...	12.02	4.3	ng	181729	4	11.41	853634	20.0
Octadecanoic acid	12.72	10.6	ng	452732	4	11.41	853634	20.0
Pyrene, 1-methyl-	13.07	2.8	ng	130939	5	14.06	944148	20.0
5-Eicosene, (E)-	13.89	11.6	ng	549033	5	14.06	944148	20.0
Heptadecane	14.52	6.9	ng	325749	5	14.06	944148	20.0
2-Bromo dodecane	14.83	6.2	ng	468590	6	15.56	1525000	20.0
Benzo[e]pyrene	15.43	3.5	ng	263288	6	15.56	1525000	20.0
Heptadecane, 9-oc...	16.02	6.5	ng	498949	6	15.56	1525000	20.0
Eicosane, 9-octyl-	16.54	3.2	ng	244589	6	15.56	1525000	20.0