LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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	5.057	501	505	517	rBV	171216	221479	8.34%	0.836%
2	5.469	571	575	593	rBV	1323276	1288503	48.51%	4.864%
3	6.487	743	748	759	rBV	1372181	1417510	53.37%	5.351%
4	6.616	766	770	774	rBV	1711082	1541037	58.02%	5.818%
5	6.845	805	809	818	rVB	428624	359455	13.53%	1.357%
6	6.998	831	835	851	rBB	1271725	1182865	44.54%	4.466%
7	7.410	901	905	922	rBV	904873	911643	34.32%	3.442%
8	8.133	1024	1028	1040	rBV	474115	496191	18.68%	1.873%
9	9.210	1206	1211	1214	rBV	2150134	1781826	67.09%	6.727%
10	9.604	1275	1278	1283	rVB	128878	109482	4.12%	0.413%
11	9.892	1323	1327	1330	rBV	688925	577919	21.76%	2.182%
12	9.922	1330	1332	1340	rVB	51837	49458	1.86%	0.187%
13	10.104	1359	1363	1366	rBV	31854	33769	1.27%	0.127%
14	10.445	1417	1421	1426	rBV	63783	58096	2.19%	0.219%
15	10.686	1458	1462	1476	rBV	1740919	1732705	65.24%	6.541%
16	10.992	1507	1514	1517	rBV3	19498	29496	1.11%	0.111%
17	11.239	1552	1556	1559	rBV4	23606	29518	1.11%	0.111%
18	11.286	1561	1564	1568	rVB	38296	37747	1.42%	0.143%
19	11.386	1577	1581	1583	rBV	940183	797109	30.01%	3.009%
20	11.410	1583	1585	1590	rVV	708514	571802	21.53%	2.159%
21	11.463	1590	1594	1599	rVV	122243	135130	5.09%	0.510%
22	11.627	1616	1622	1626	rBV2	68235	96057	3.62%	0.363%
23	11.892	1663	1667	1668	rBV	94332	86734	3.27%	0.327%
24	11.910	1668	1670	1677	rVV2	230775	319318	12.02%	1.206%
25	11.969	1677	1680	1683	rVV	57307	54283	2.04%	0.205%
26	12.004	1683	1686	1688	rVV	132329	136743	5.15%	0.516%
27	12.027	1688	1690	1696	rVB	60324	61445	2.31%	0.232%
28	12.186	1714	1717	1719	rBV	62693	51257	1.93%	0.194%
29	12.439	1758	1760	1763	rBV	46120	43174	1.63%	0.163%
30	12.539	1773	1777	1780	rVB3	43610	51406	1.94%	0.194%
31	12.610	1785	1789	1792	rBV	768371	681214	25.65%	2.572%
32	12.698	1801	1804	1810	rBV5	31995	37877	1.43%	0.143%
33	12.757	1811	1814	1817	rVV2	32592	31987	1.20%	0.121%
34	12.839	1825	1828	1833	rVB	672290	595591	22.42%	2.249%

LSC Area Percent Report

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Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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	12.886	1833	1836	1840	rVB2	37554	38237	1.44%	0.144%
36	12.974	1844	1851	1854	rBV	2859761	2655930	100.00%	10.027%
37	13.010	1854	1857	1860	rVB	29308	37328	1.41%	0.141%
38	13.051	1860	1864	1869	rBV3	48374	82704	3.11%	0.312%
39	13.168	1876	1884	1886	rBV3	91240	150151	5.65%	0.567%
40	13.233	1893	1895	1898	rBV	57951	47705	1.80%	0.180%
41	13.274	1898	1902	1908	rVB3	75788	104970	3.95%	0.396%
42	13.363	1914	1917	1920	rBV	46546	51047	1.92%	0.193%
43	13.398	1920	1923	1926	rBV2	55168	58018	2.18%	0.219%
44	13.539	1942	1947	1950	rBV6	38609	61167	2.30%	0.231%
45	13.686	1969	1972	1975	rVB	58505	52024	1.96%	0.196%
46	13.792	1985	1990	1992	rBV	72965	79610	3.00%	0.301%
47	13.815	1992	1994	1996	rVB	62349	47384	1.78%	0.179%
48	13.845	1996	1999	2000	rBV	44947	49588	1.87%	0.187%
49	13.863	2000	2002	2005	rBV3	159406	166471	6.27%	0.628%
50	14.004	2023	2026	2027	rBV	51983	51602	1.94%	0.195%
51	14.039	2027	2032	2035	rVV2	871157	1073257	40.41%	4.052%
52	14.063	2035	2036	2045	rVB	298089	246187	9.27%	0.929%
53	14.145	2048	2050	2053	rVB	34907	28154	1.06%	0.106%
54	14.180	2053	2056	2061	rBV2	109172	128553	4.84%	0.485%
55	14.274	2070	2072	2076	rVB	36271	35888	1.35%	0.135%
56	14.427	2096	2098	2101	rVB	57044	54699	2.06%	0.207%
57	14.486	2105	2108	2114	rVB	243889	255802	9.63%	0.966%
58	14.762	2152	2155	2156	rBV3	27002	32592	1.23%	0.123%
59	14.798	2156	2161	2170	rVB	529820	563460	21.22%	2.127%
60	14.933	2182	2184	2187	rVB2	33717	29964	1.13%	0.113%
61	15.092	2206	2211	2214	rBV	241422	372480	14.02%	1.406%
62	15.133	2214	2218	2227	rVV2	627803	908570	34.21%	3.430%
63	15.204	2227	2230	2234	rVB	42803	51820	1.95%	0.196%
64	15.404	2260	2264	2270	rVB	131624	193761	7.30%	0.732%
65	15.468	2270	2275	2278	rVB	183491	232490	8.75%	0.878%
66	15.521	2278	2284	2289	rBV2	874430	1325373	49.90%	5.004%
67	15.957	2352	2358	2365	rVB	436715	695716	26.19%	2.627%
68	16.462	2437	2444	2456	rBV	217149	418060	15.74%	1.578%
69	17.045	2536	2543	2552	rBV4	96343	250822	9.44%	0.947%
70	17.215	2567	2572	2576	rBV2	25288	39630	1.49%	0.150%
71	17.492	2614	2619	2627	rBV3	53324	116031	4.37%	0.438%

LSC Area Percent Report

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Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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	17.756	2657	2664	2674	rVB5	32215	91037	3.43%	0.344%

Sum of corrected areas: 26488108

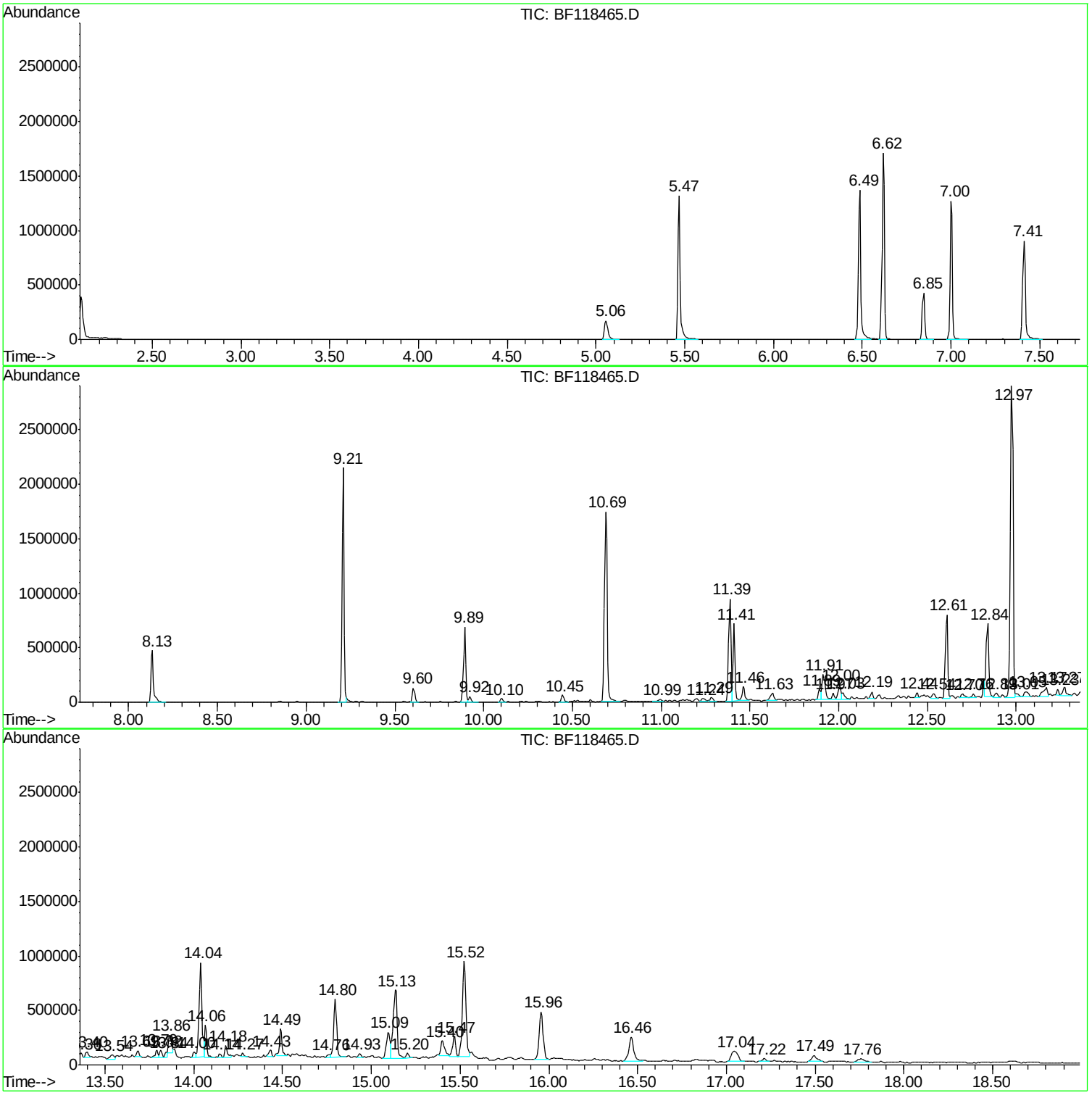
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

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\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

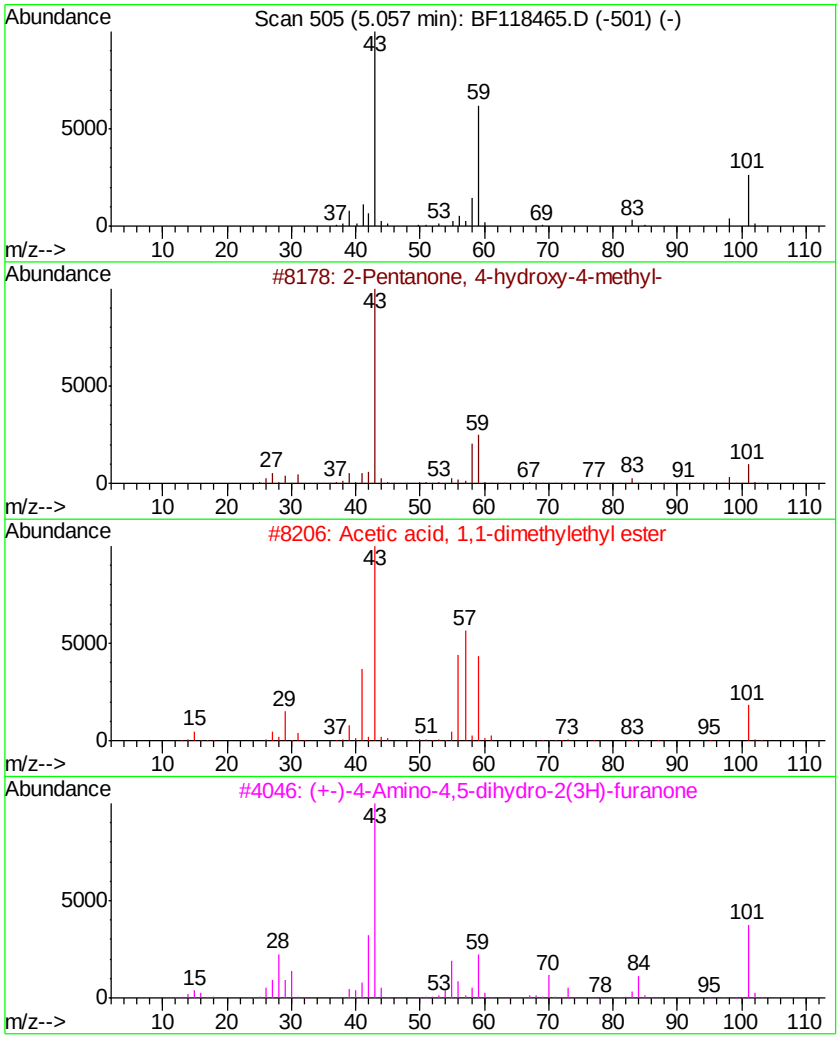
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

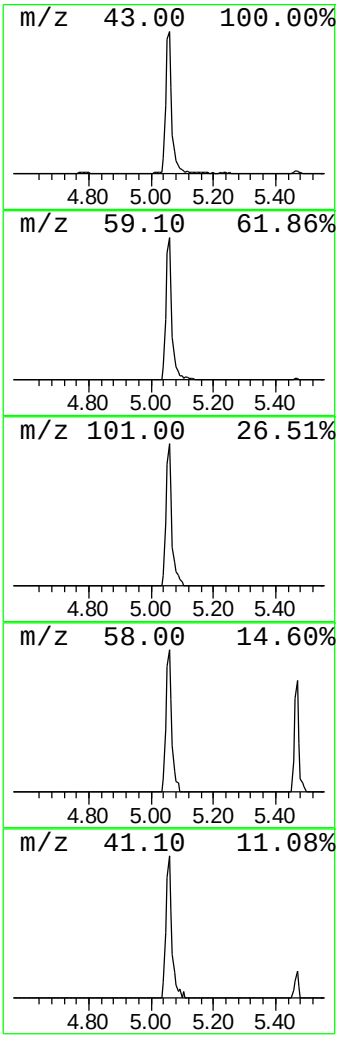
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	12.32 ng	221479	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

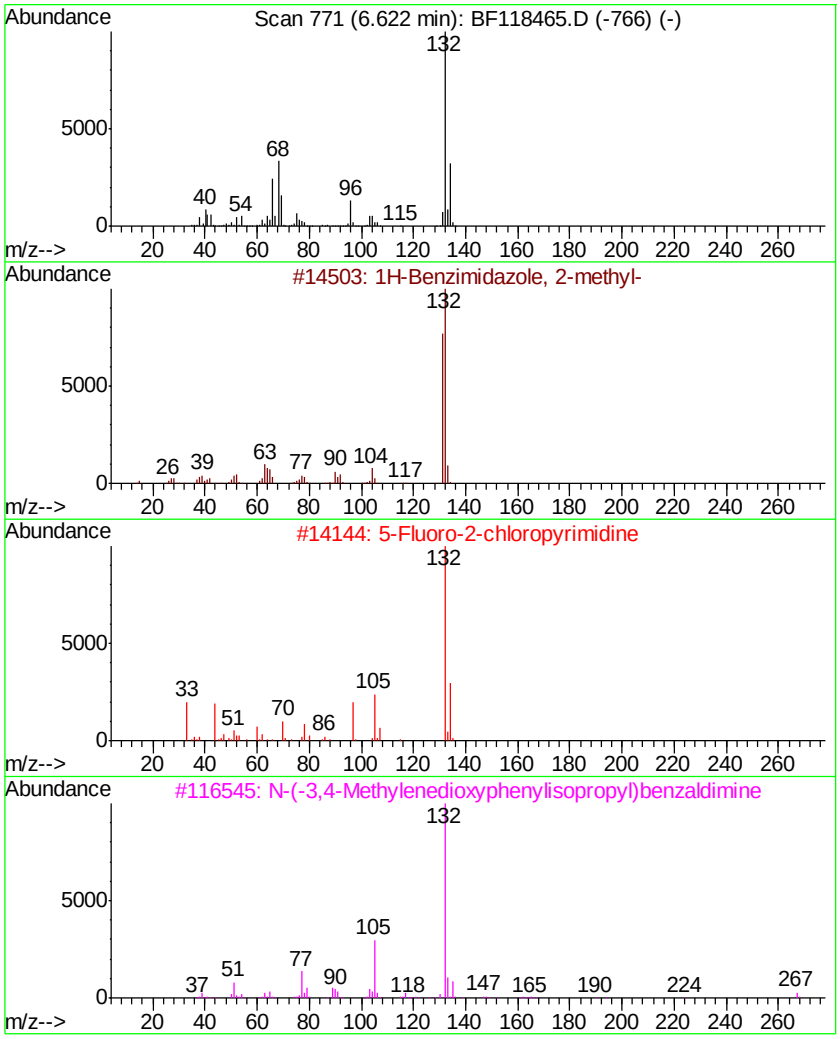
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

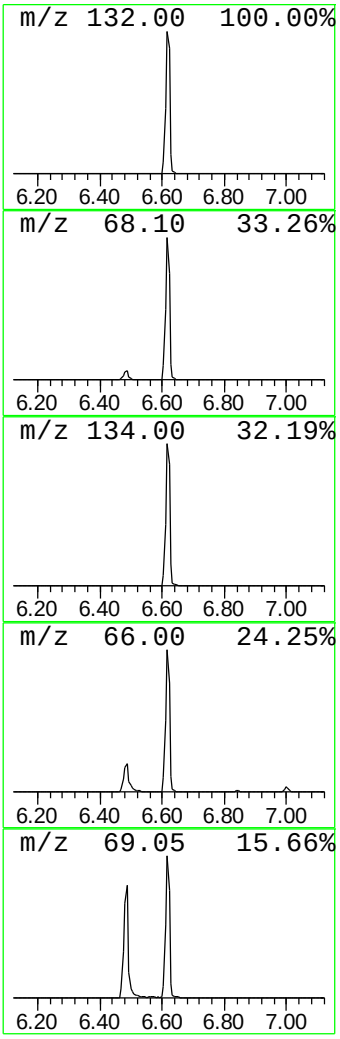
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	85.74 ng	1541040	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

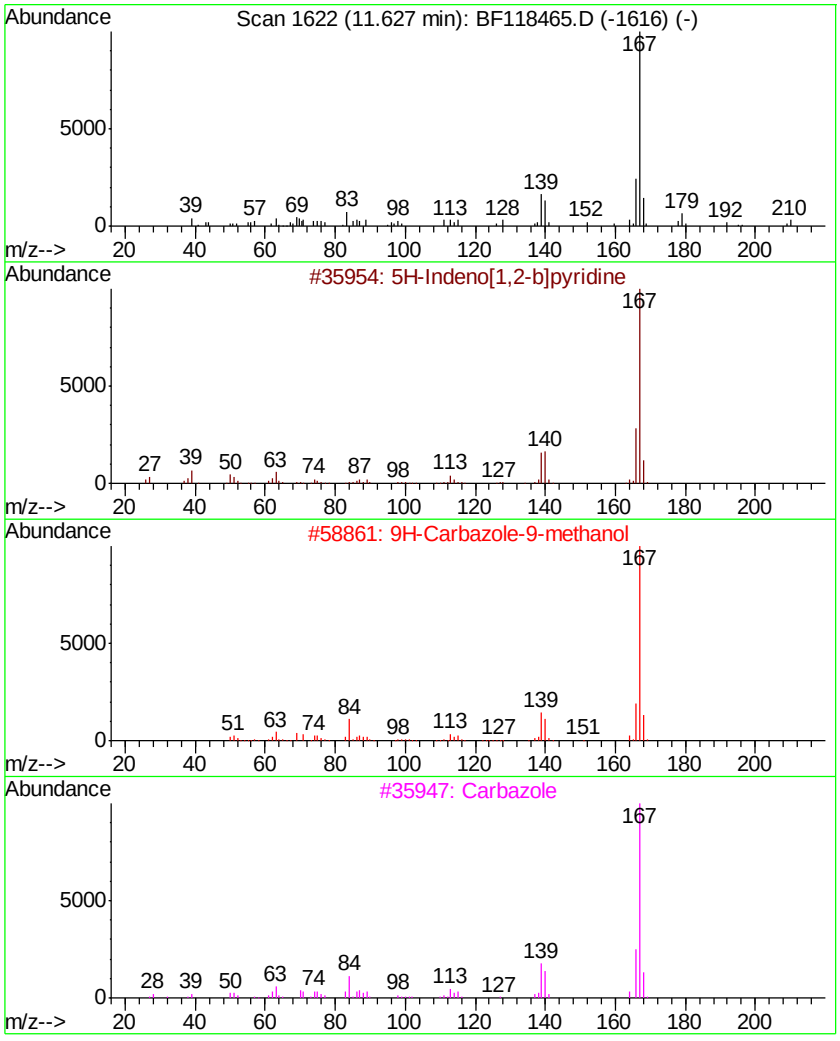
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

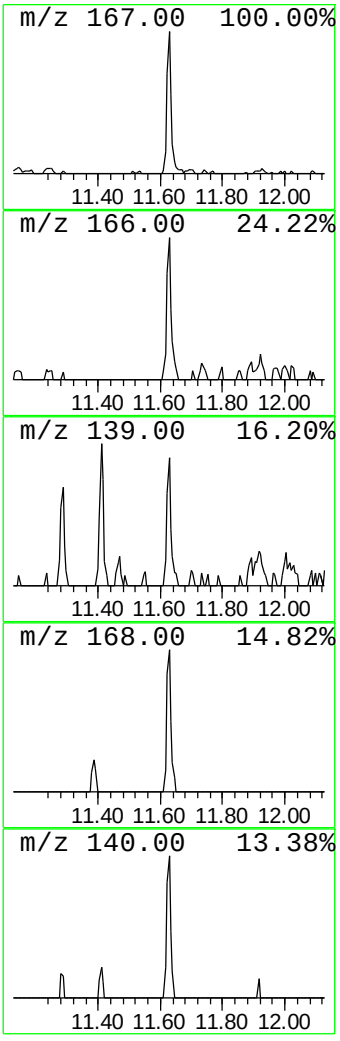
****

Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.41 ng	96057	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	93
2	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
3	Carbazole	167	C12H9N	000086-74-8	86
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	78
5	2-Azafluorene	167	C12H9N	000244-40-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
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Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

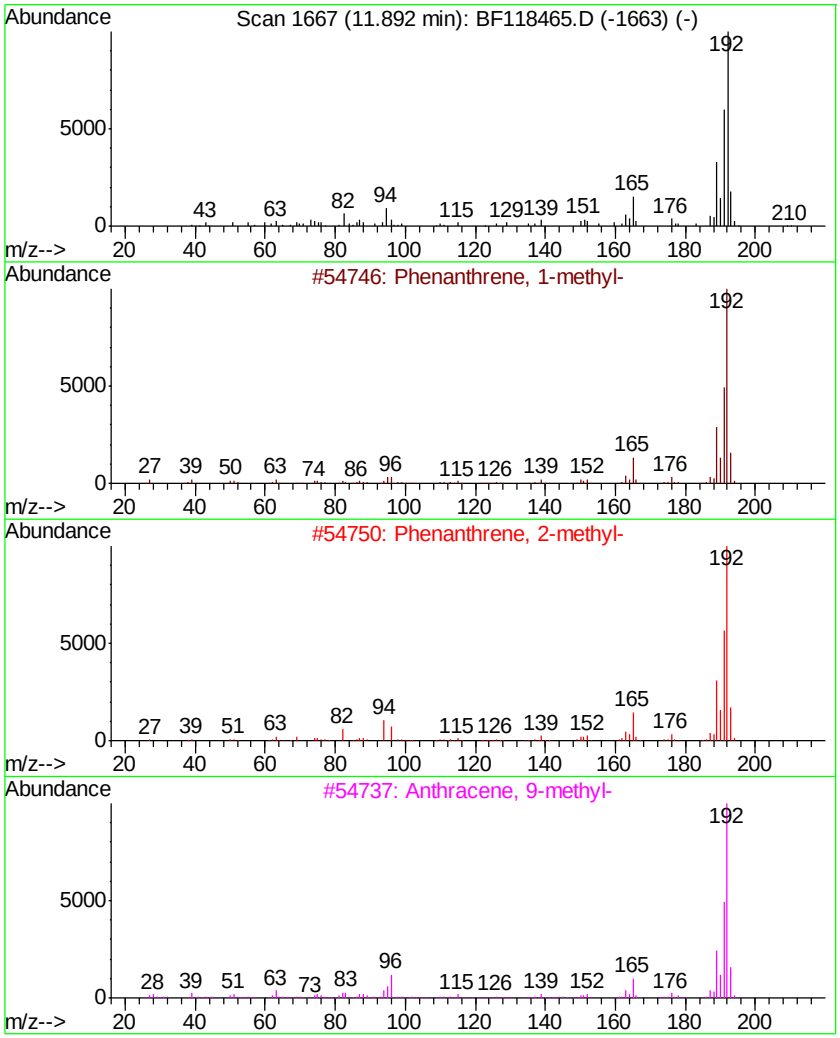
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

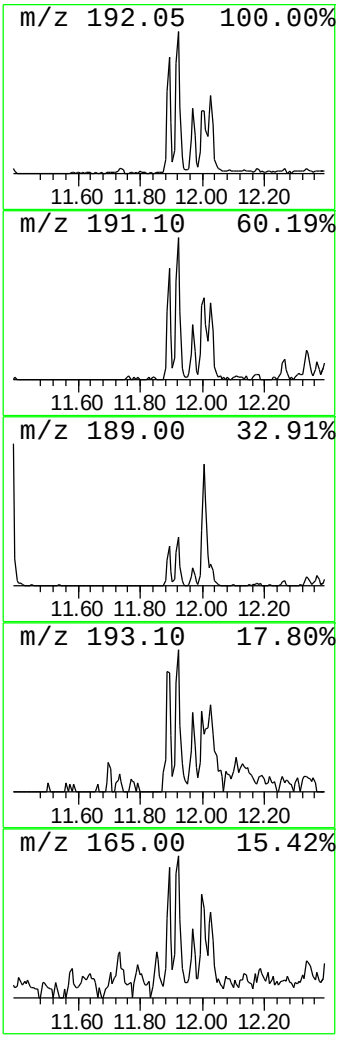
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.18 ng	86734	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

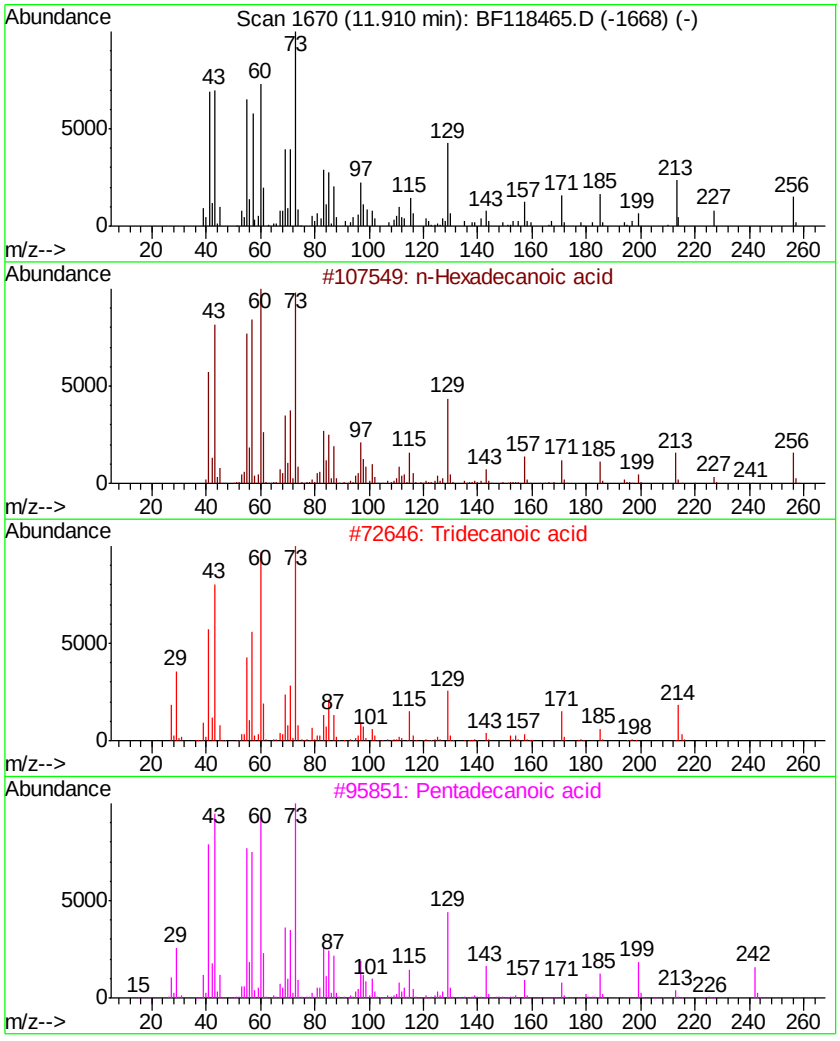
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

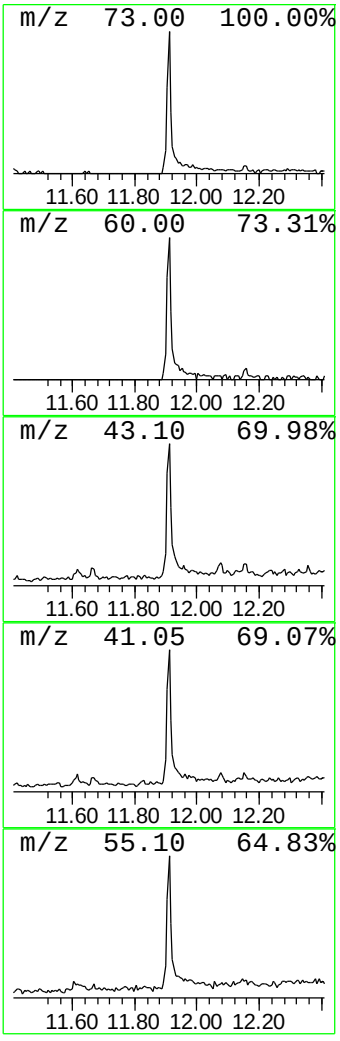
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	8.01 ng	319318	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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

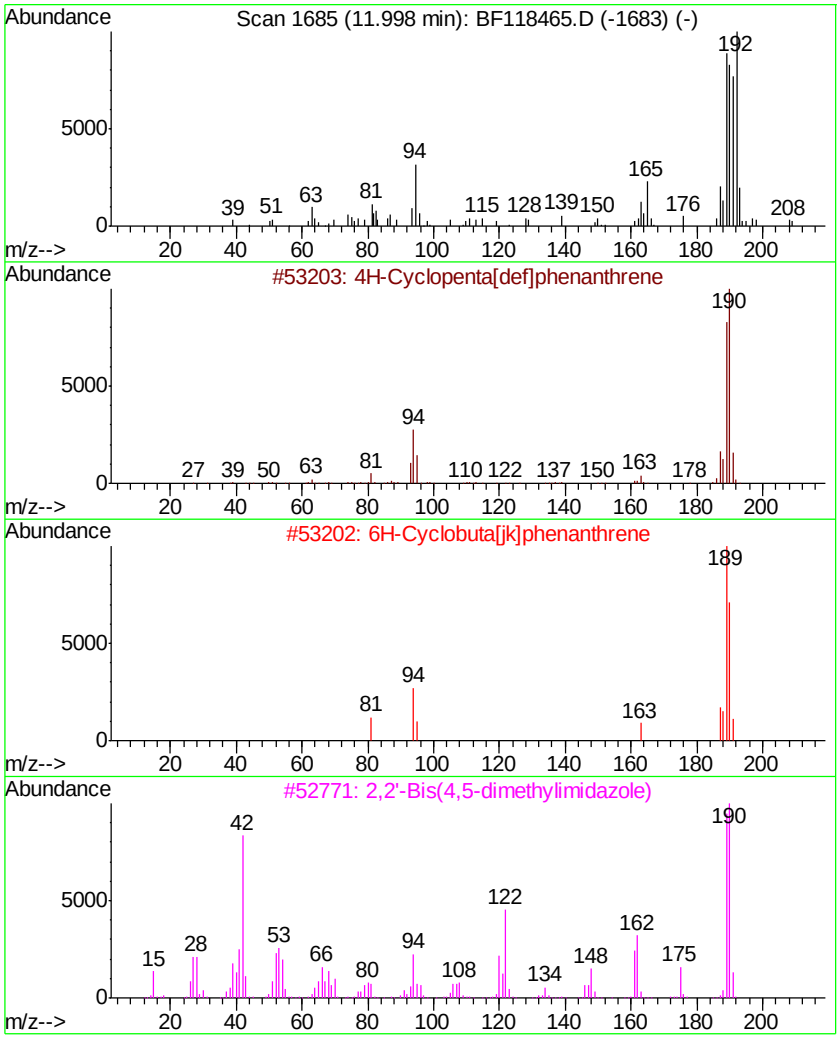
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

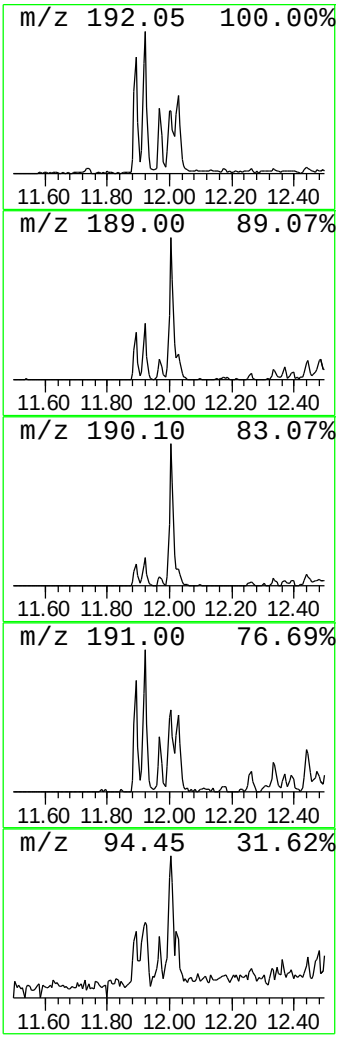
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.43 ng	136743	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

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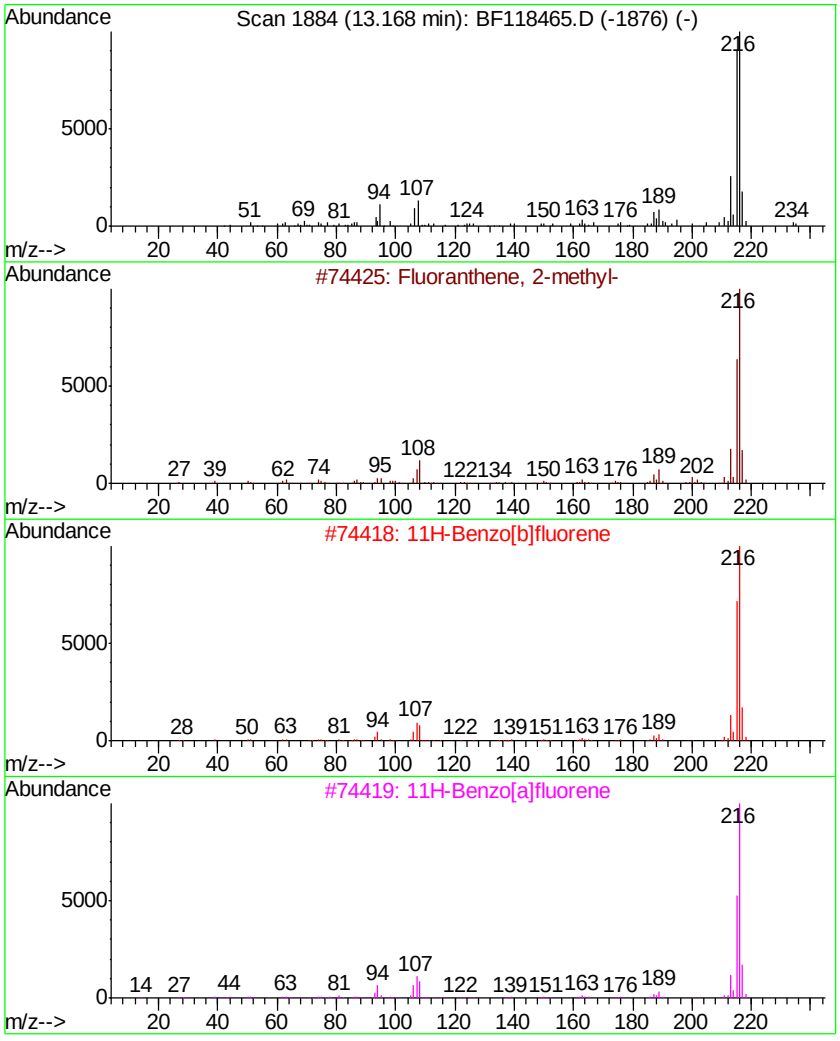
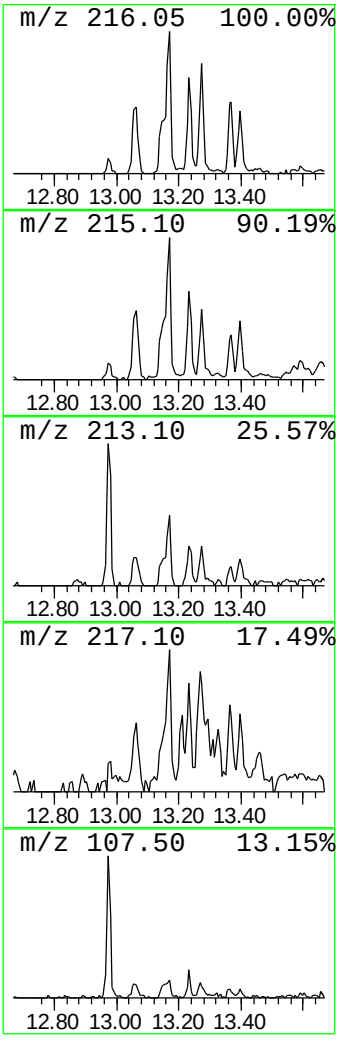
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.80 ng	150151	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

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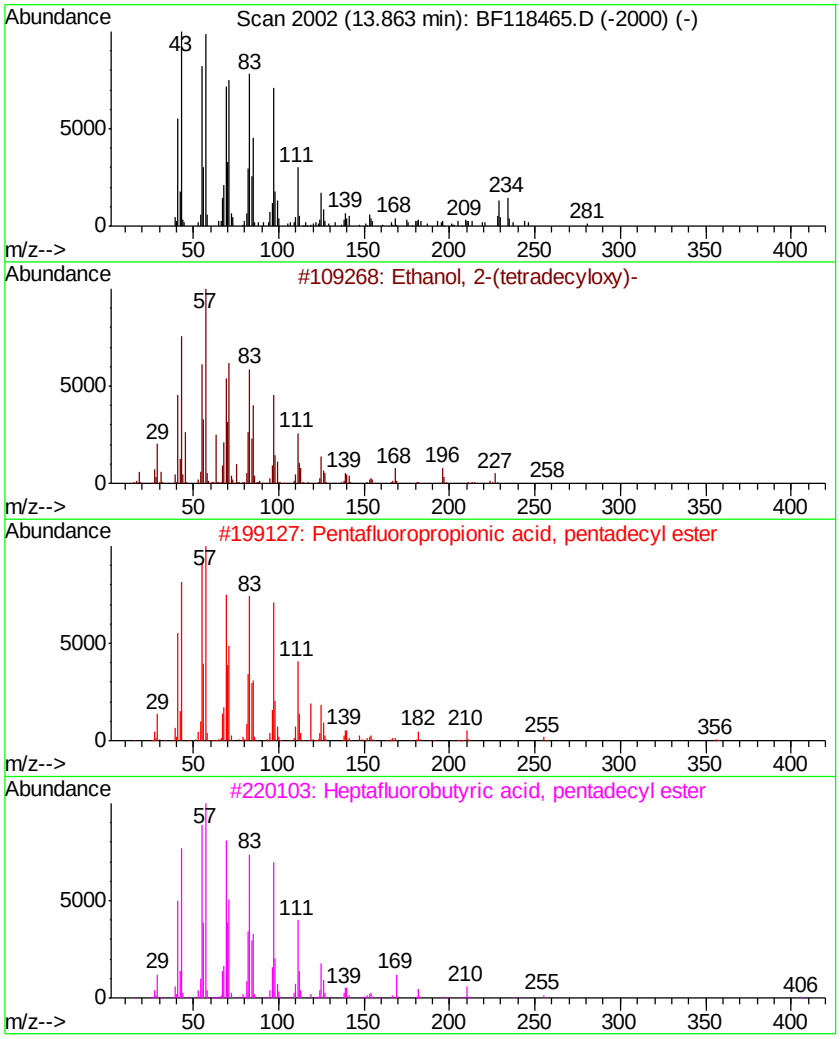
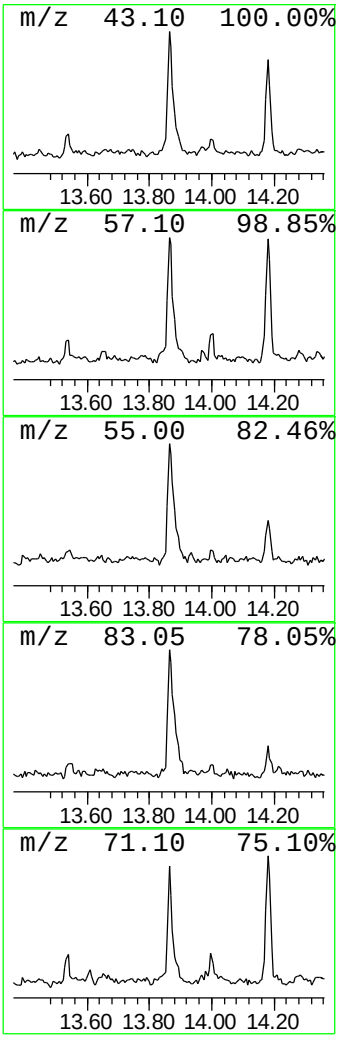
Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.10 ng	166471	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	83
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	74
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	74





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Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

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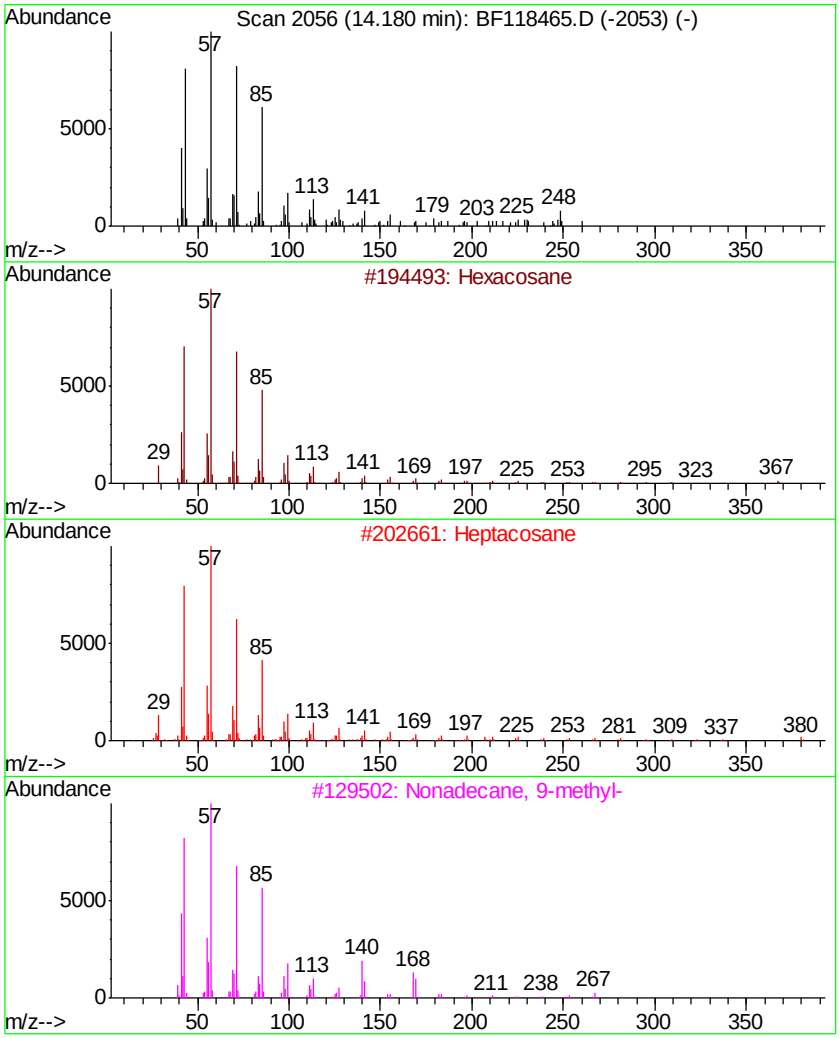
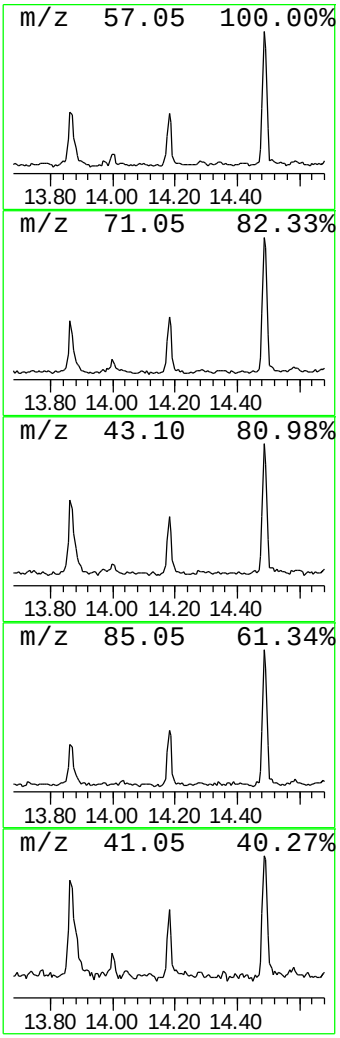
Peak Number 11 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.40 ng	128553	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

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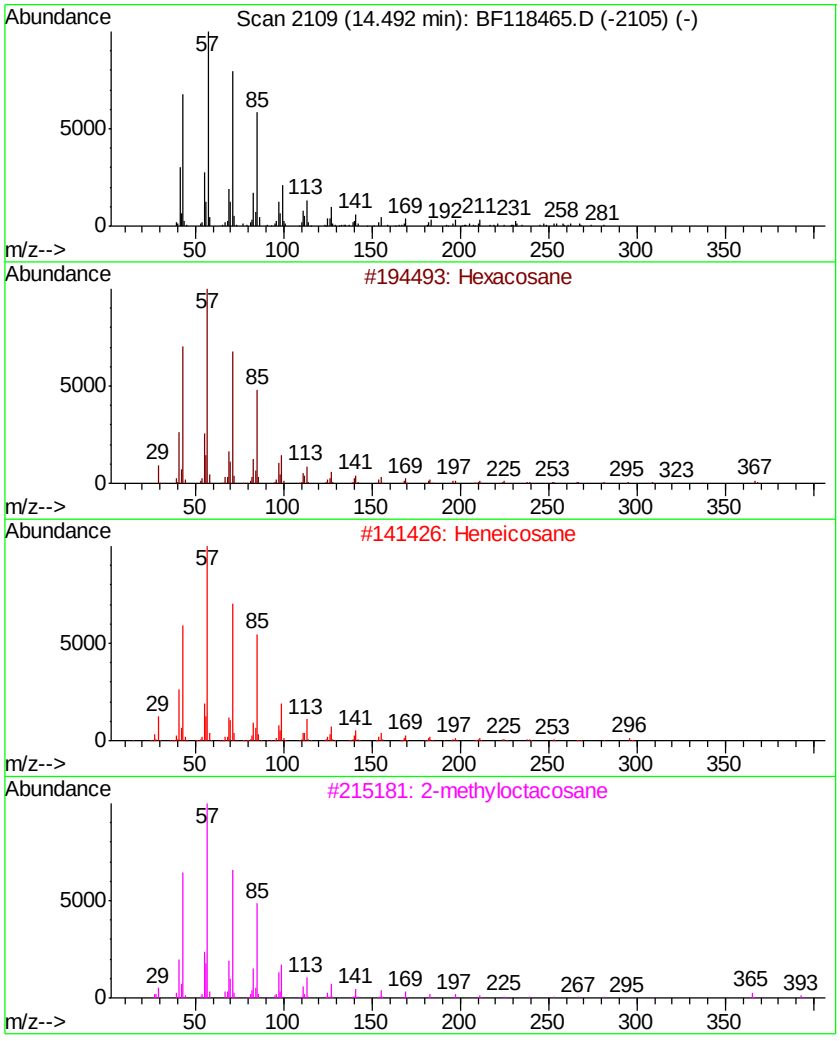
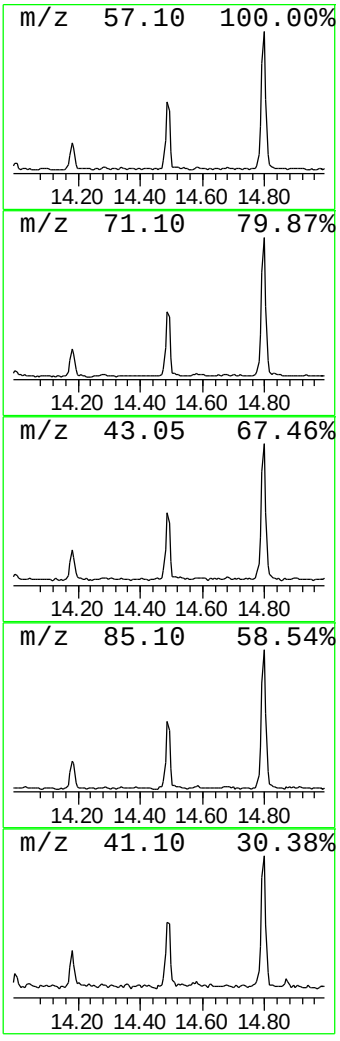
Peak Number 12 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.77 ng	255802	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

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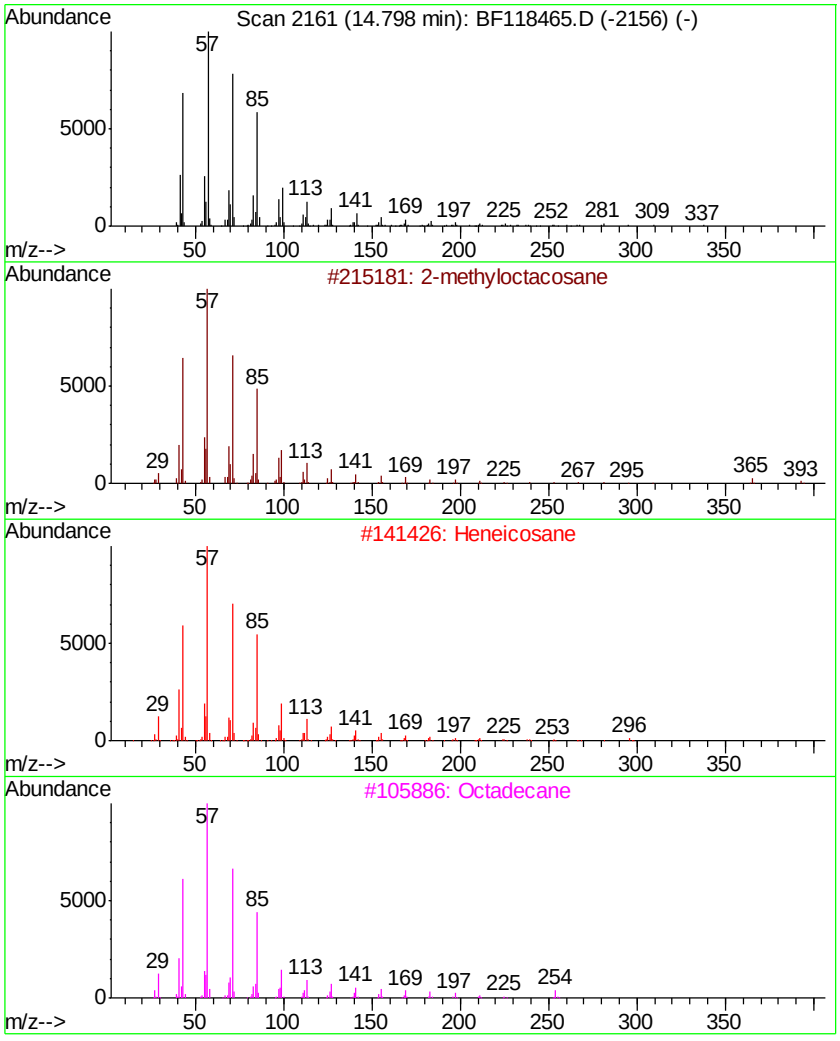
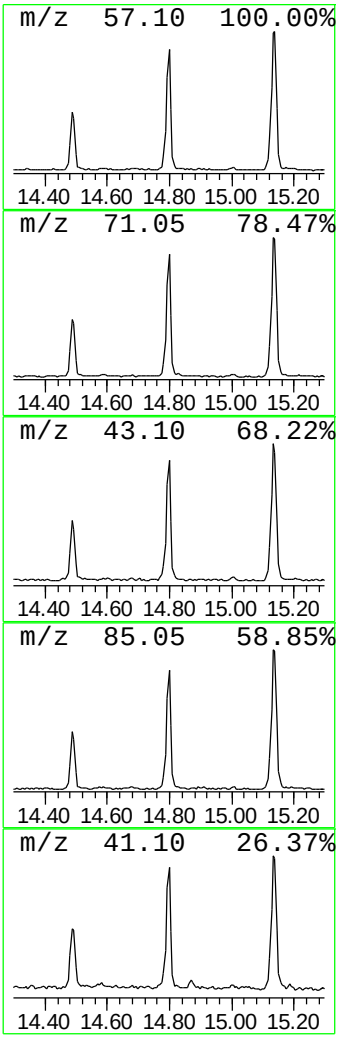
Peak Number 13 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	8.50 ng	563460	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Docosane	310	C22H46	000629-97-0	91





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Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

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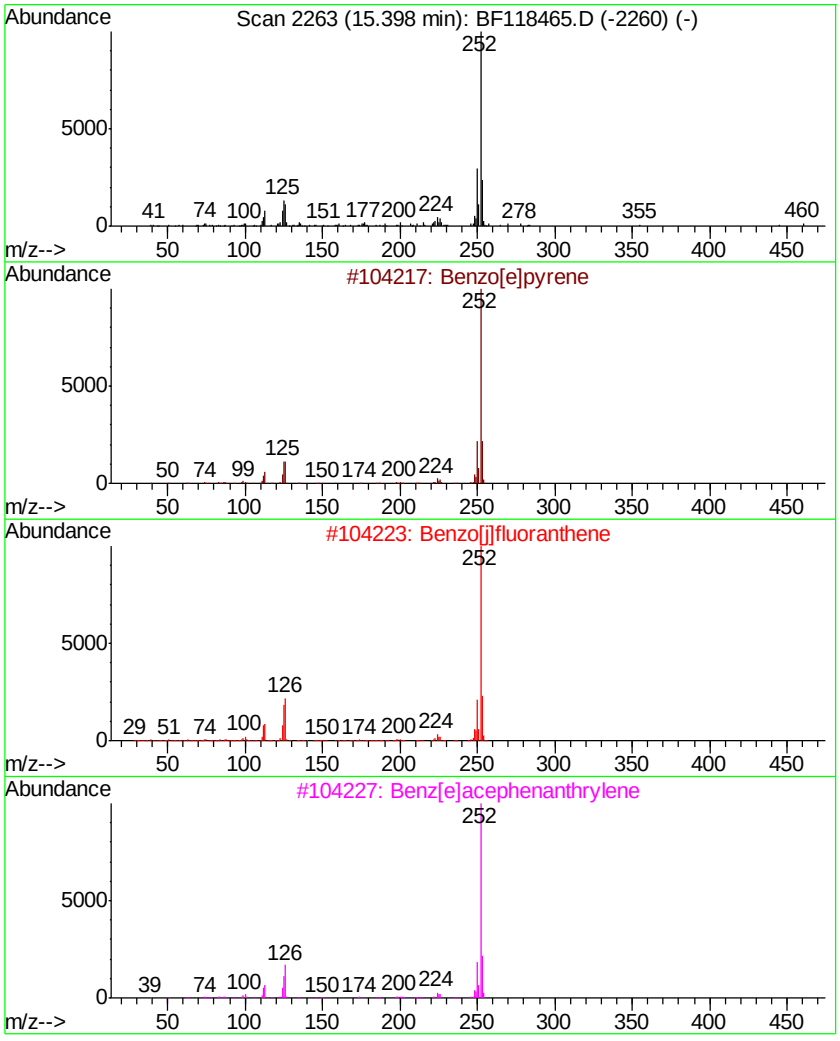
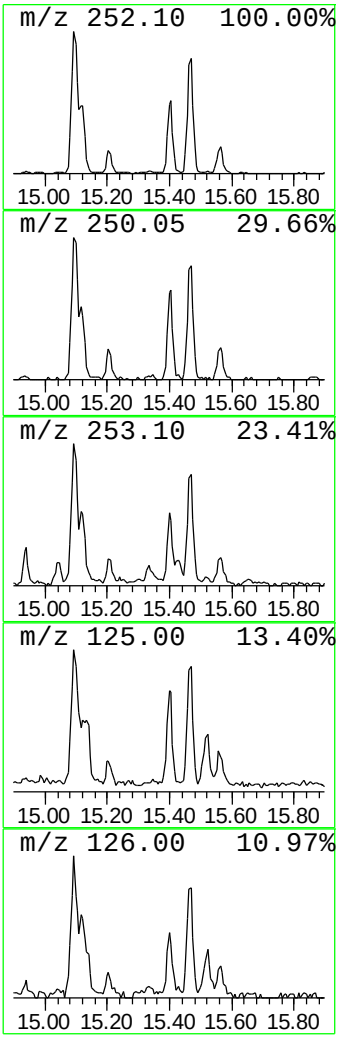
Peak Number 14 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	2.92 ng	193761	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

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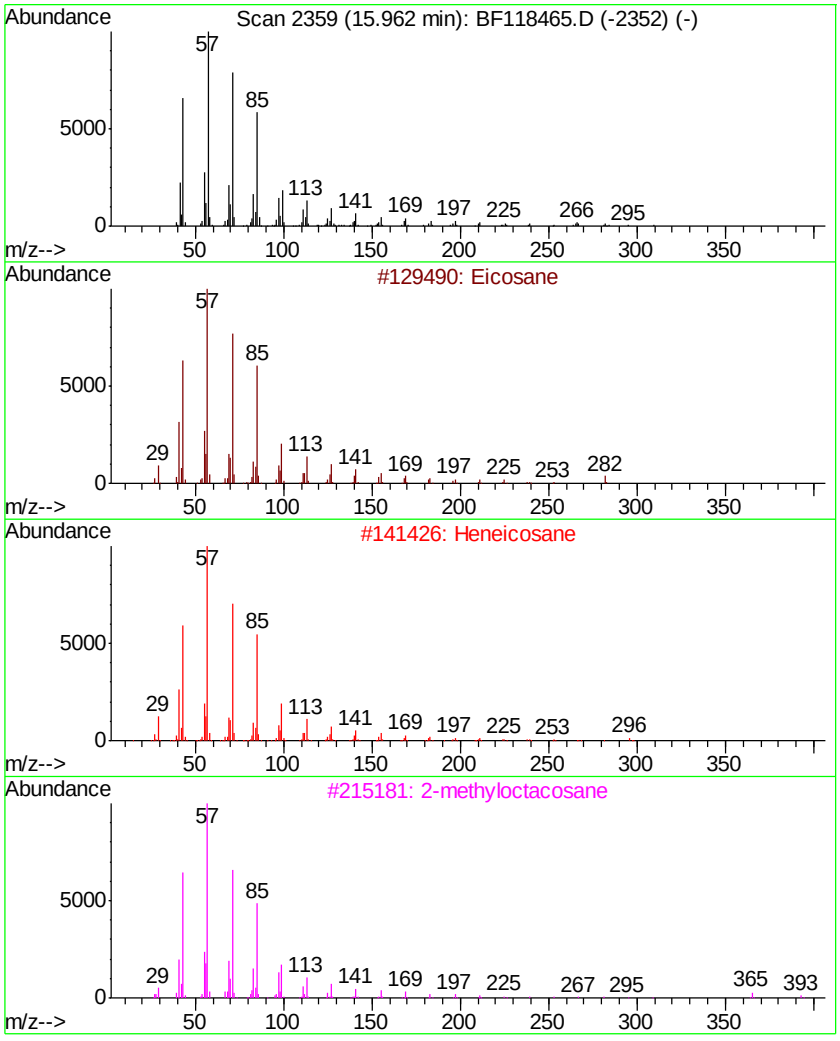
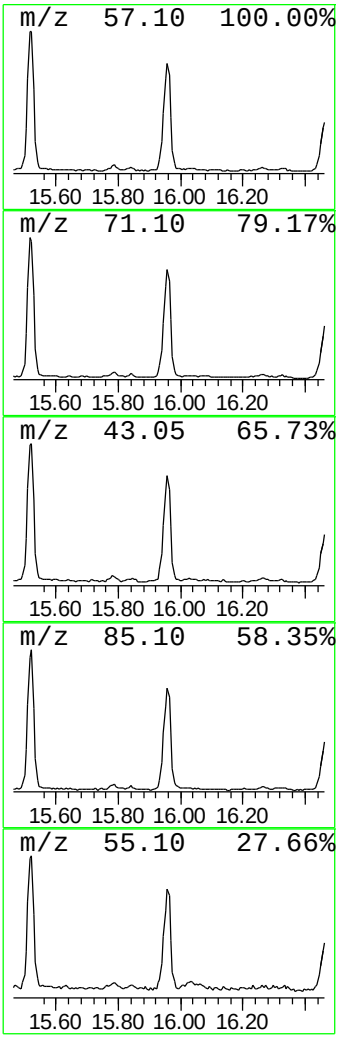
Peak Number 15 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	10.50 ng	695716	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
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Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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

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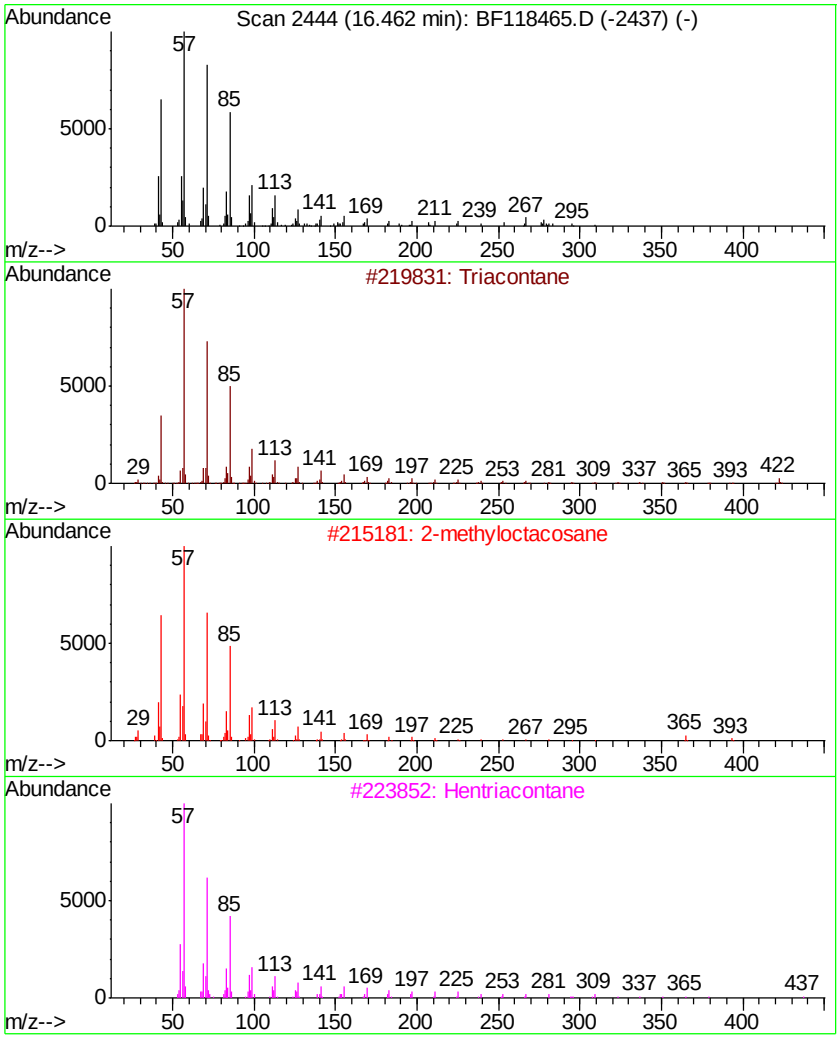
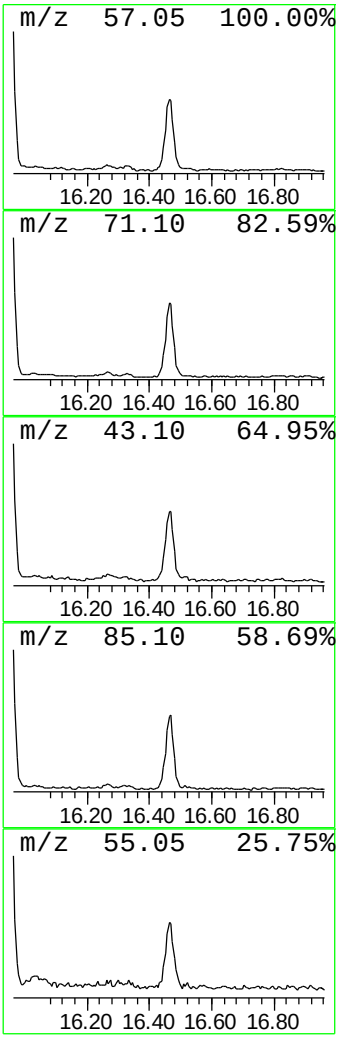
Peak Number 16 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	6.31 ng	418060	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	87





Tentatively Identified Compound (LSC) summary

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Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

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...	5.06	12.3	ng	221479	1	6.85	359455	20.0
unknown6.62	6.62	85.7	ng	1541040	1	6.85	359455	20.0
5H-Indeno[1,2-b]p...	11.63	2.4	ng	96057	4	11.39	797109	20.0
Phenanthrene, 1-m...	11.89	2.2	ng	86734	4	11.39	797109	20.0
n-Hexadecanoic acid	11.91	8.0	ng	319318	4	11.39	797109	20.0
4H-Cyclopenta[def...	12.00	3.4	ng	136743	4	11.39	797109	20.0
Fluoranthene, 2-m...	13.17	2.8	ng	150151	5	14.04	1073260	20.0
Ethanol, 2-(tetra...	13.86	3.1	ng	166471	5	14.04	1073260	20.0
Hexacosane	14.18	2.4	ng	128553	5	14.04	1073260	20.0
2-methyloctacosane	14.49	4.8	ng	255802	5	14.04	1073260	20.0
Docosane	14.80	8.5	ng	563460	6	15.53	1325370	20.0
Benzo[e]pyrene	15.40	2.9	ng	193761	6	15.53	1325370	20.0
Eicosane	15.96	10.5	ng	695716	6	15.53	1325370	20.0
Triacontane	16.46	6.3	ng	418060	6	15.53	1325370	20.0