LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF060419.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	5.269	536	541	545	rBV	5113539	5359712	28.84%	3.908%
2	6.304	712	717	720	rBV	5263910	5433098	29.24%	3.962%
3	6.440	735	740	743	rBV	5897171	5843080	31.44%	4.261%
4	6.669	775	779	782	rBV	2146897	1723032	9.27%	1.256%
5	6.828	801	806	809	rBV	5017874	4585078	24.67%	3.343%
6	7.228	869	874	877	rBV	4119316	3605468	19.40%	2.629%
7	7.951	993	997	999	rBV	2586488	2320743	12.49%	1.692%
8	9.028	1175	1180	1183	rBV	7144602	6546462	35.23%	4.774%
9	9.416	1243	1246	1249	rBV	1406920	1090836	5.87%	0.795%
10	9.557	1266	1270	1274	rBV	220907	219130	1.18%	0.160%
11	9.698	1289	1294	1297	rBV	3093164	2796153	15.05%	2.039%
12	9.898	1325	1328	1330	rBV	245757	234414	1.26%	0.171%
13	9.975	1337	1341	1344	rBV	258662	353079	1.90%	0.257%
14	10.239	1383	1386	1389	rVB	394529	311653	1.68%	0.227%
15	10.480	1422	1427	1430	rBV	5105258	4659835	25.07%	3.398%
16	10.786	1474	1479	1481	rBV3	139720	190385	1.02%	0.139%
17	11.169	1541	1544	1546	rBV	3177889	2917567	15.70%	2.127%
18	11.192	1546	1548	1552	rVB	2651224	2105189	11.33%	1.535%
19	11.245	1554	1557	1560	rVB	602170	491352	2.64%	0.358%
20	11.280	1560	1563	1567	rBV3	129287	214541	1.15%	0.156%
21	11.675	1626	1630	1632	rBV	625687	754447	4.06%	0.550%
22	11.745	1632	1642	1646	rVV2	6909974	14225327	76.55%	10.373%
23	11.780	1646	1648	1650	rVV	1100452	1080105	5.81%	0.788%
24	11.804	1650	1652	1657	rVB	533598	472429	2.54%	0.344%
25	11.969	1677	1680	1681	rBV	323910	288113	1.55%	0.210%
26	11.986	1681	1683	1686	rVB2	269653	230415	1.24%	0.168%
27	12.122	1703	1706	1708	rBV	214578	243576	1.31%	0.178%
28	12.227	1721	1724	1727	rBV	362569	388325	2.09%	0.283%
29	12.392	1746	1752	1755	rBV	3947651	3737060	20.11%	2.725%
30	12.427	1756	1758	1762	rVV2	1171334	1642890	8.84%	1.198%
31	12.527	1766	1775	1783	rVV	8777534	18583973	100.00%	13.551%
32	12.604	1783	1788	1791	rVB	3218115	3195227	17.19%	2.330%
33	12.757	1810	1814	1817	rBV	7219929	6695510	36.03%	4.882%
34	12.933	1841	1844	1847	rVB	654109	620682	3.34%	0.453%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF060419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.998	1852	1855	1858	rVB2	620035	513333	2.76%	0.374%
36	13.033	1858	1861	1864	rBV	485862	417574	2.25%	0.304%
37	13.127	1874	1877	1879	rBV	300584	325235	1.75%	0.237%
38	13.157	1879	1882	1883	rBV	420704	377121	2.03%	0.275%
39	13.539	1945	1947	1951	rBV2	200017	234246	1.26%	0.171%
40	13.657	1964	1967	1974	rVB	2840936	3011602	16.21%	2.196%
41	13.792	1985	1990	1993	rBV2	3383692	4271131	22.98%	3.114%
42	13.816	1993	1994	2001	rVB	1503715	1258926	6.77%	0.918%
43	13.986	2019	2023	2025	rBV2	529470	627539	3.38%	0.458%
44	14.010	2025	2027	2032	rVB3	710724	596980	3.21%	0.435%
45	14.210	2059	2061	2065	rBV2	242805	234586	1.26%	0.171%
46	14.292	2072	2075	2079	rBV	4191149	3888099	20.92%	2.835%
47	14.586	2122	2125	2127	rBV	1424847	1418723	7.63%	1.035%
48	14.610	2127	2129	2134	rVB	1629008	1408234	7.58%	1.027%
49	14.792	2157	2160	2168	rVB	1136004	2043506	11.00%	1.490%
50	14.892	2174	2177	2187	rVB	1975228	2469786	13.29%	1.801%
51	15.068	2204	2207	2212	rVB	708399	810544	4.36%	0.591%
52	15.121	2212	2216	2221	rVV	1124540	1295514	6.97%	0.945%
53	15.180	2222	2226	2229	rVV	2088696	2411574	12.98%	1.758%
54	15.239	2232	2236	2246	rVB	1604992	2255013	12.13%	1.644%
55	15.633	2299	2303	2307	rBV	1086169	1517633	8.17%	1.107%
56	16.086	2376	2380	2386	rVB	592748	955398	5.14%	0.697%
57	17.033	2537	2541	2553	rVB3	741982	1638015	8.81%	1.194%

Sum of corrected areas: 137139198

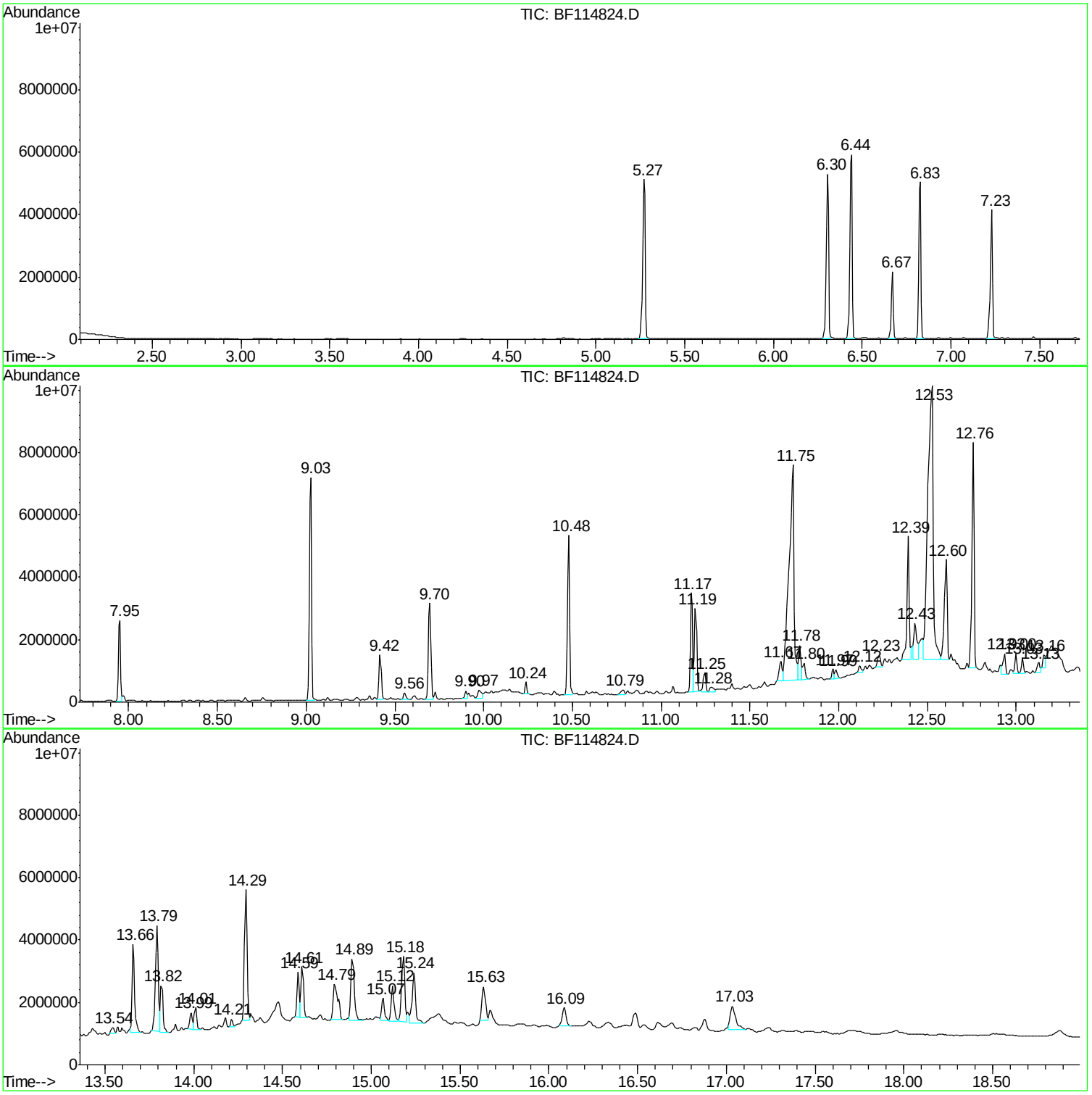
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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\BF060519\
Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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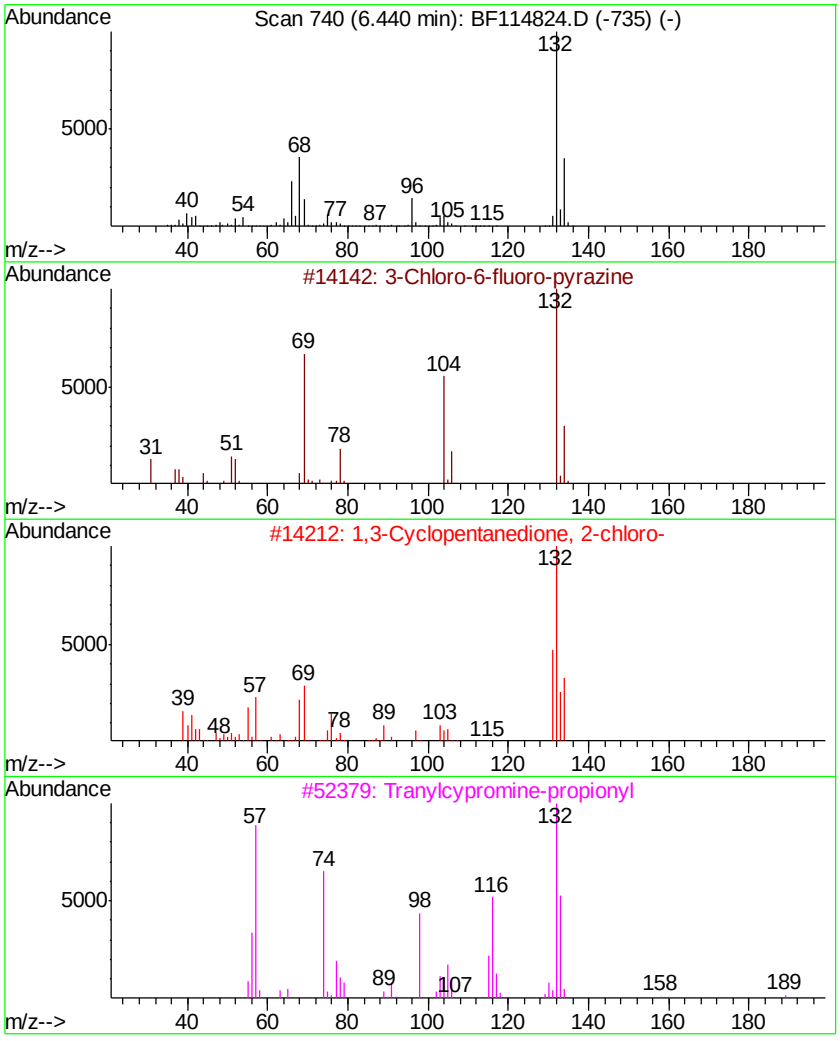
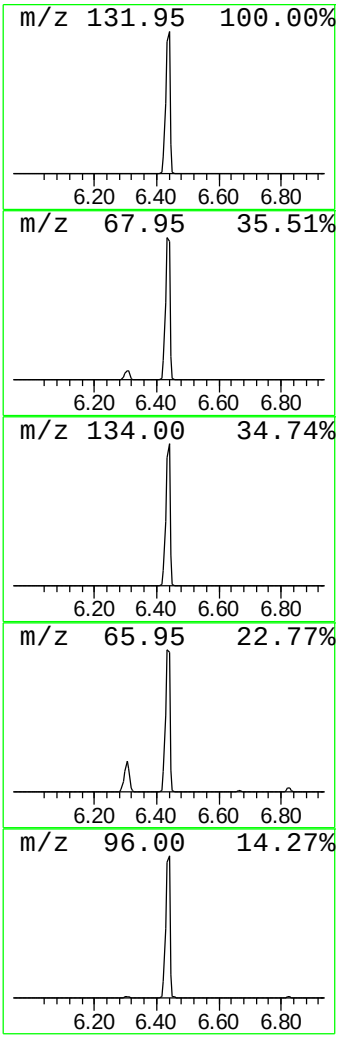
Peak Number 1 unknown6.44 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	67.82 ng	5843080	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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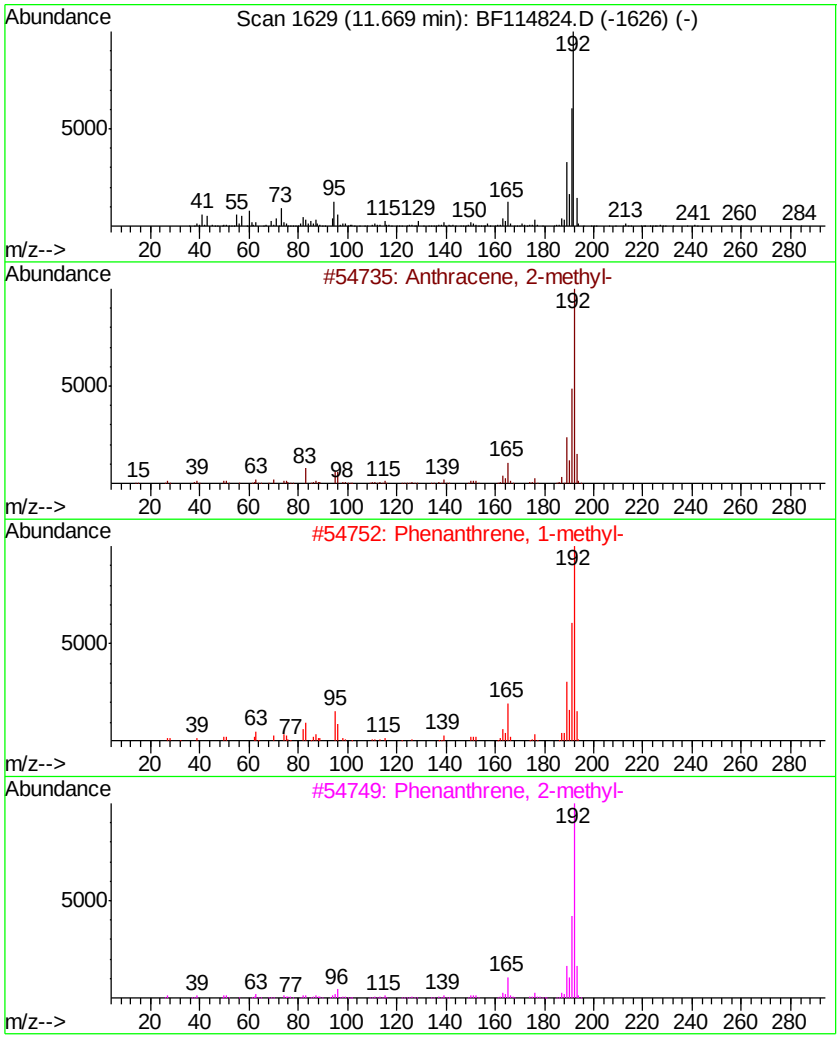
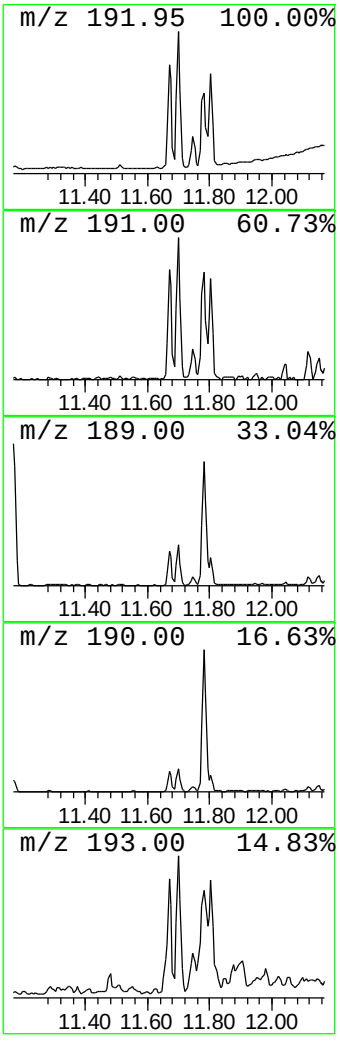
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	5.17 ng	754447	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

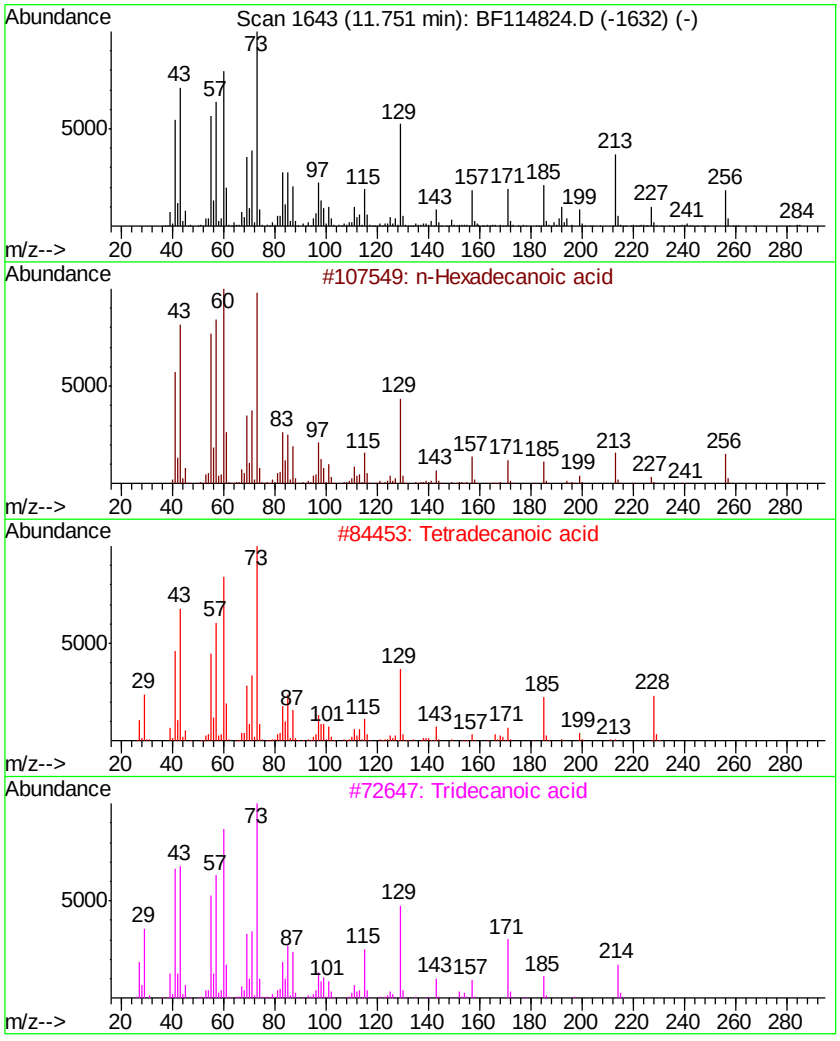
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

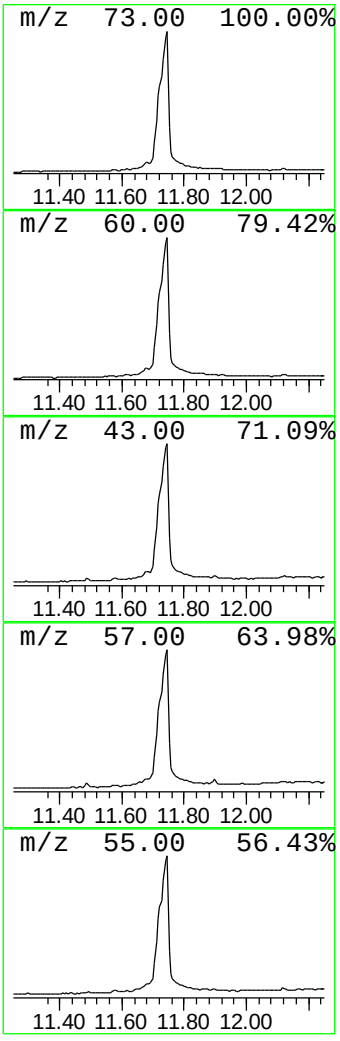
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	97.52 ng	14225300	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

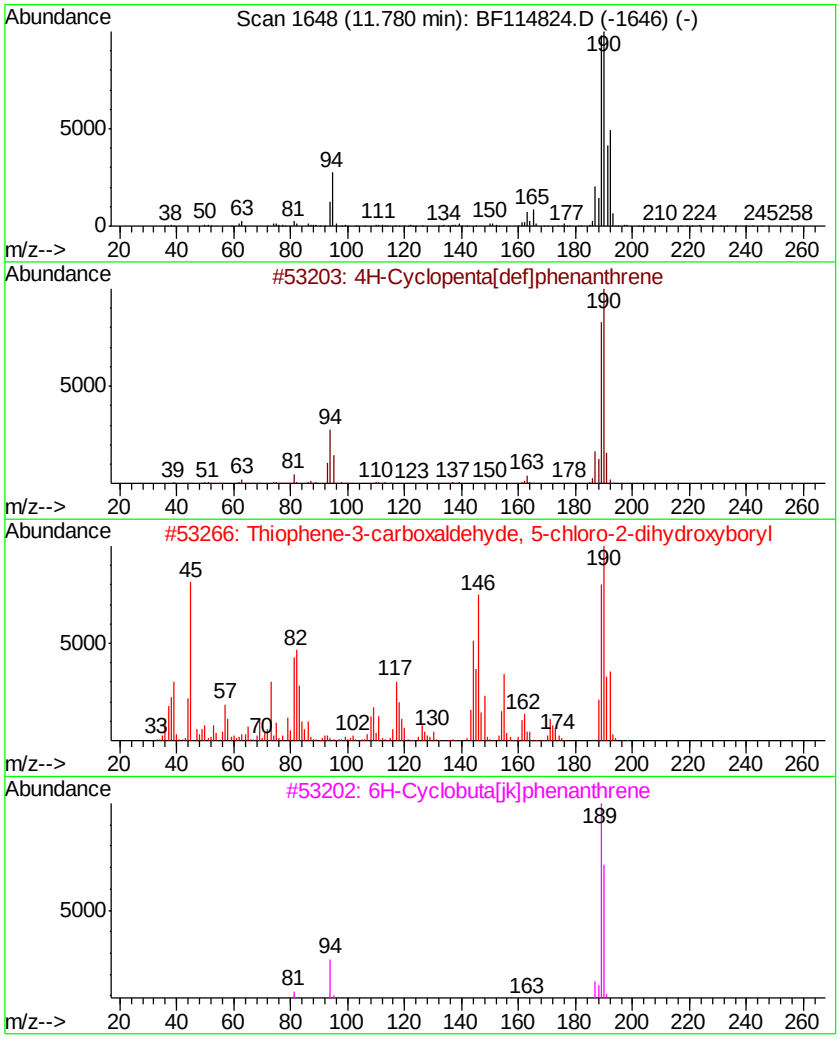
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

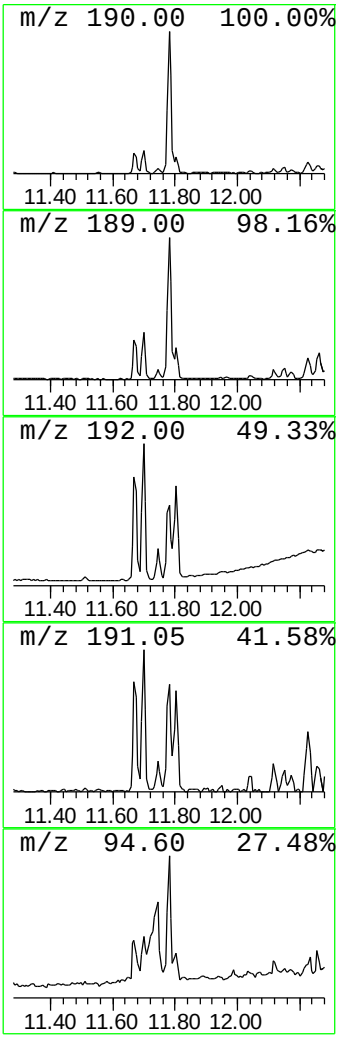
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	7.40 ng	1080110	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	38





Library Search Compound Report

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Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

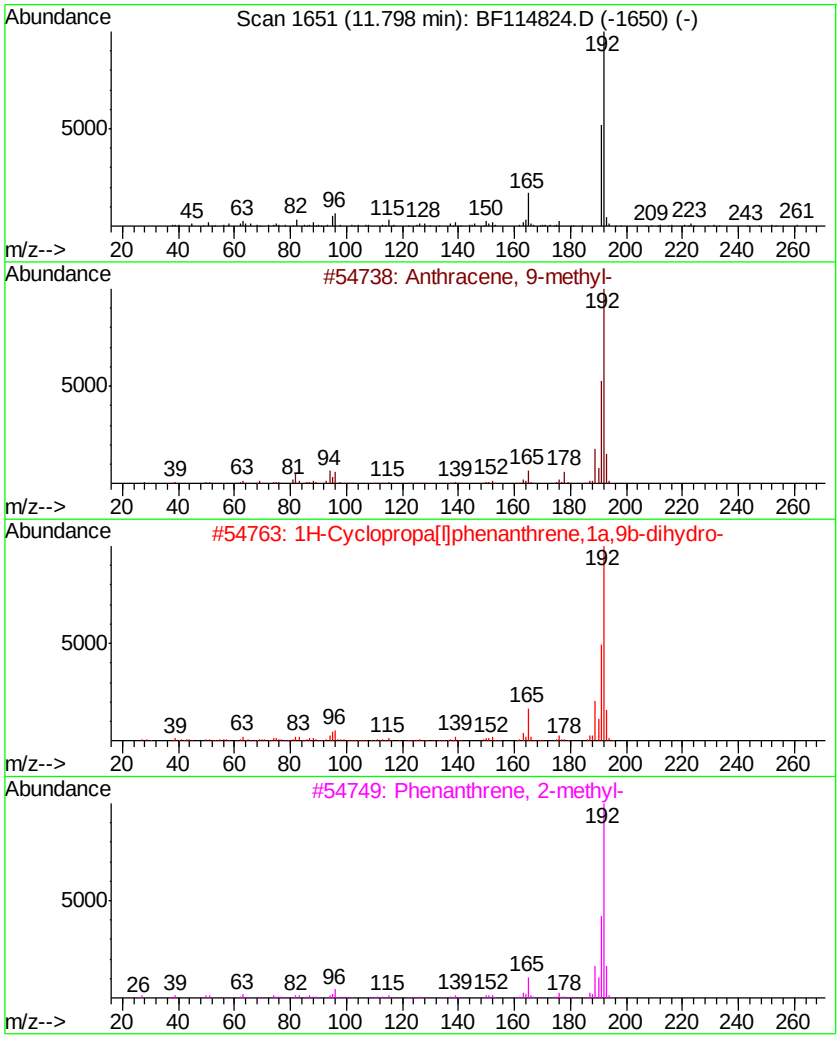
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

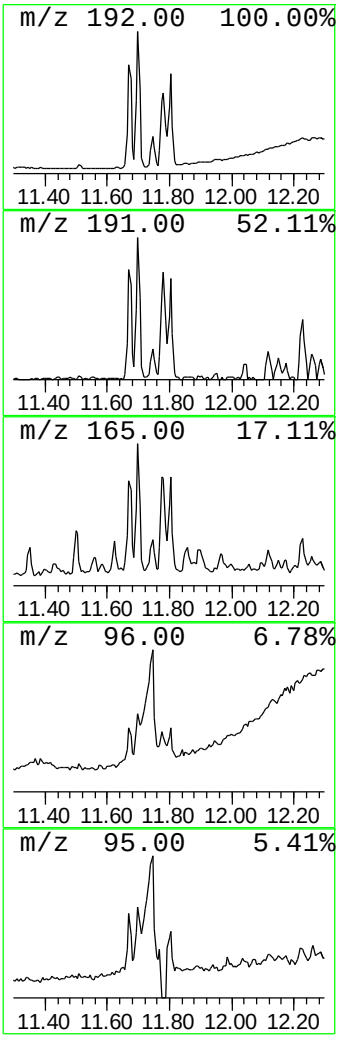
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.24 ng	472429	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

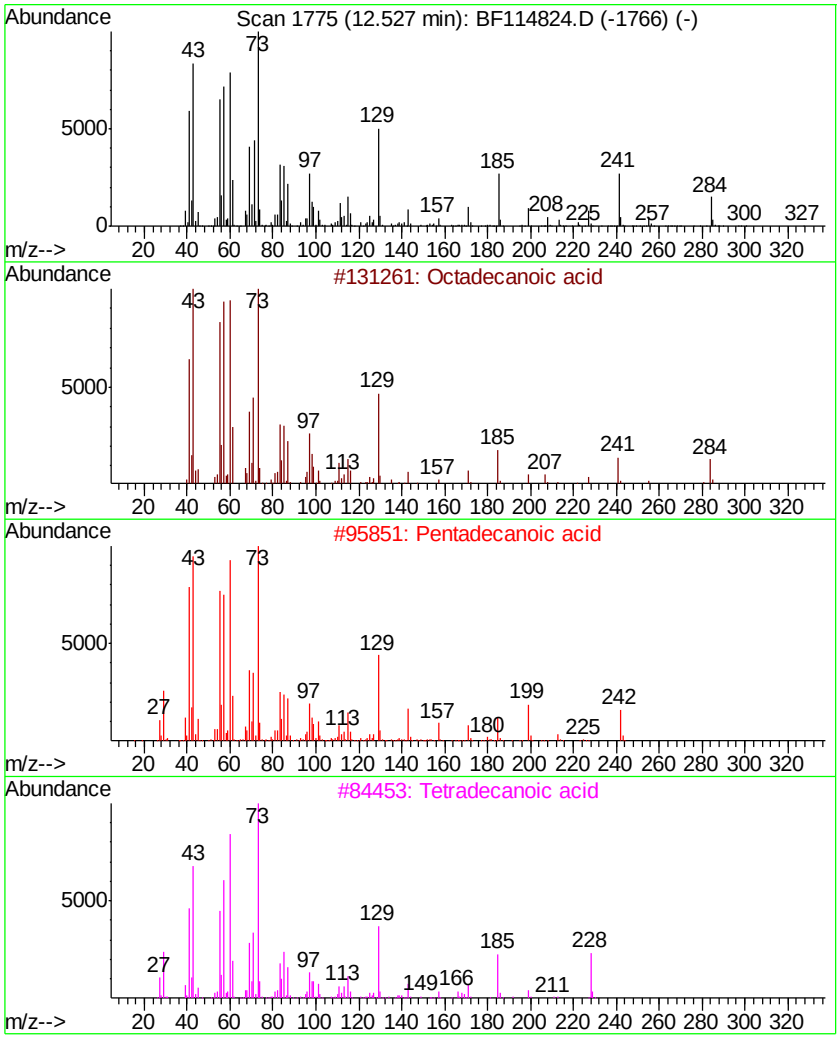
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

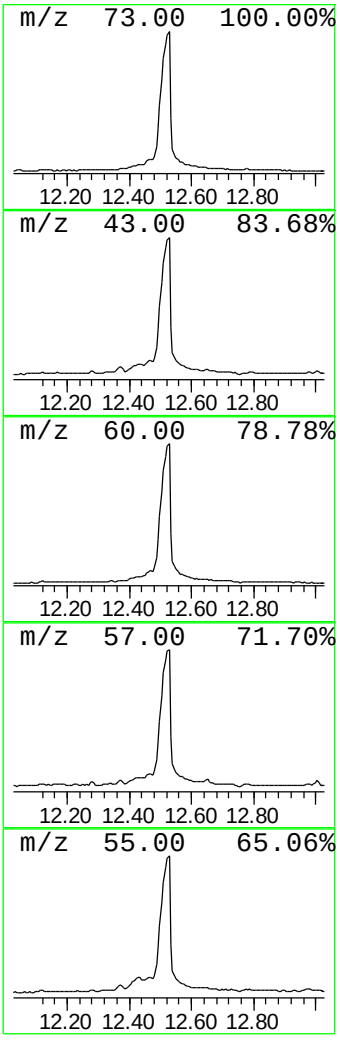
****

Peak Number 7 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	87.02 ng	18584000	Chrysene-d12	13.79

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





Library Search Compound Report

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Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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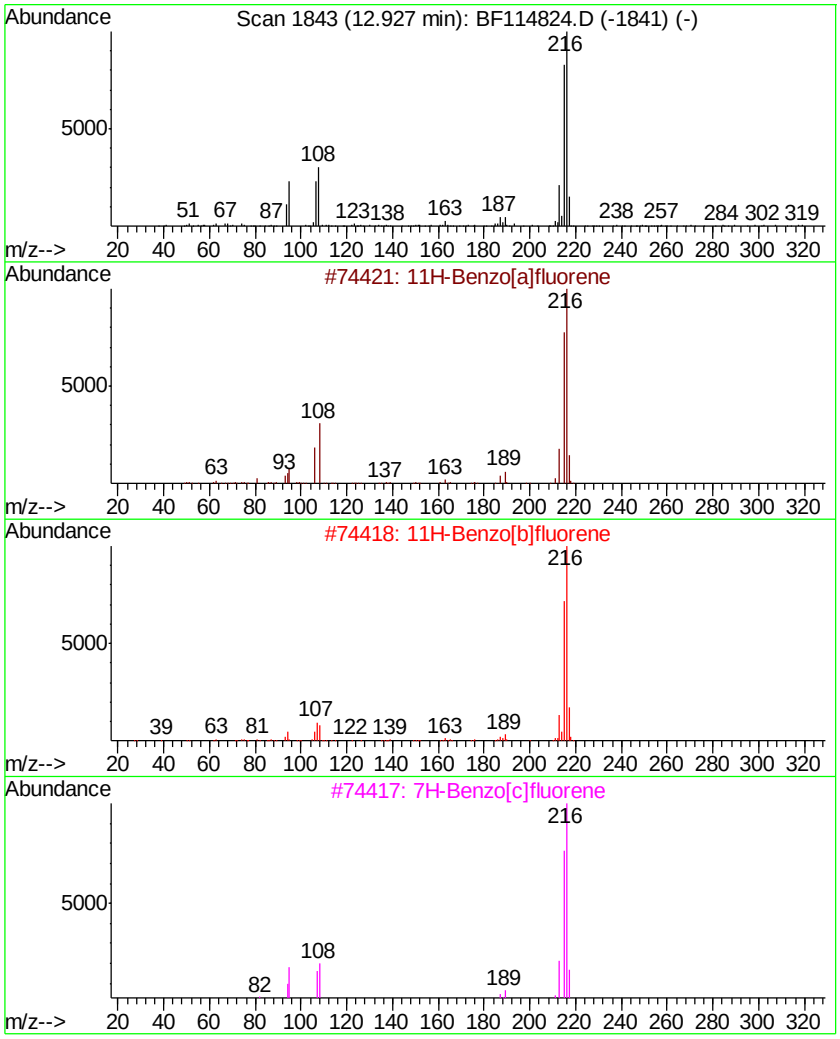
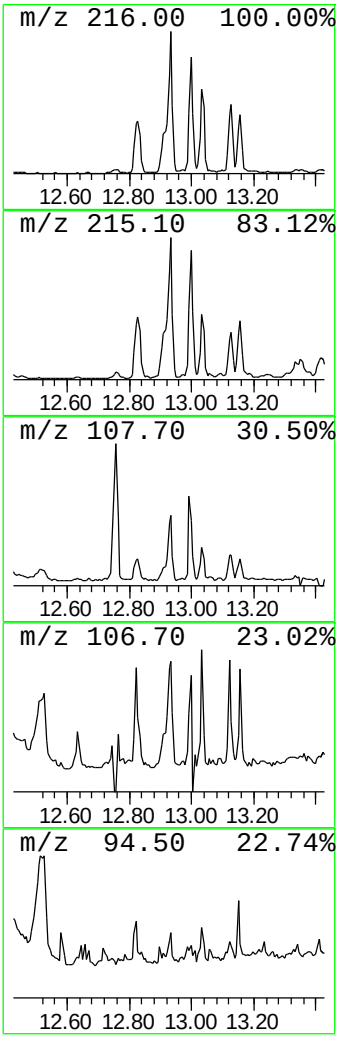
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.91 ng	620682	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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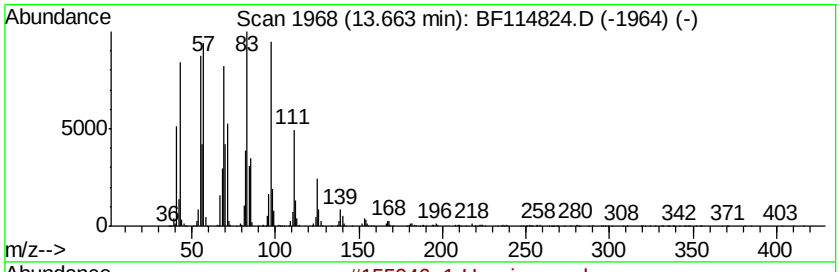
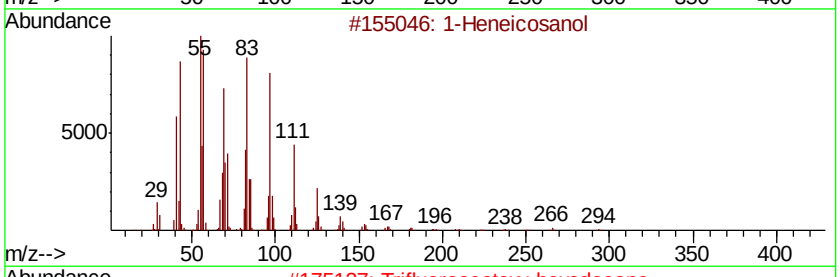
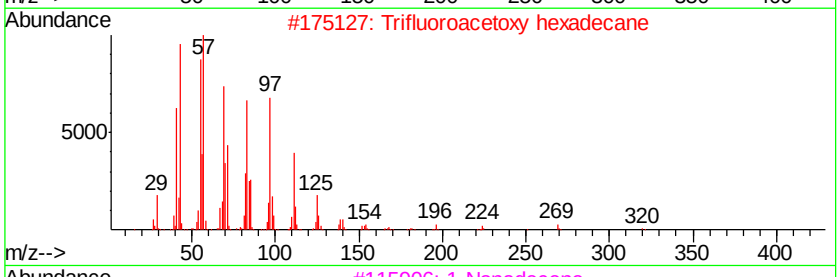
Peak Number 9 1-Heneicosanol Concentration Rank 8

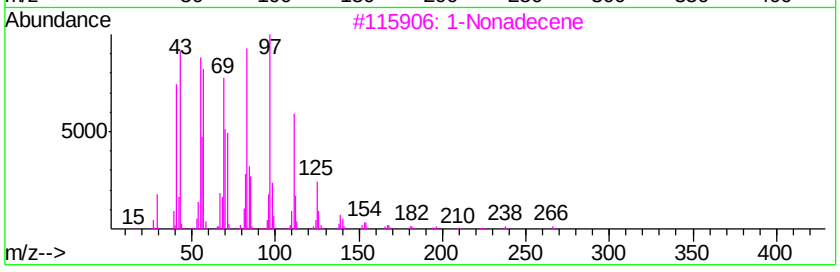
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	14.10 ng	3011600	Chrysene-d12	13.79

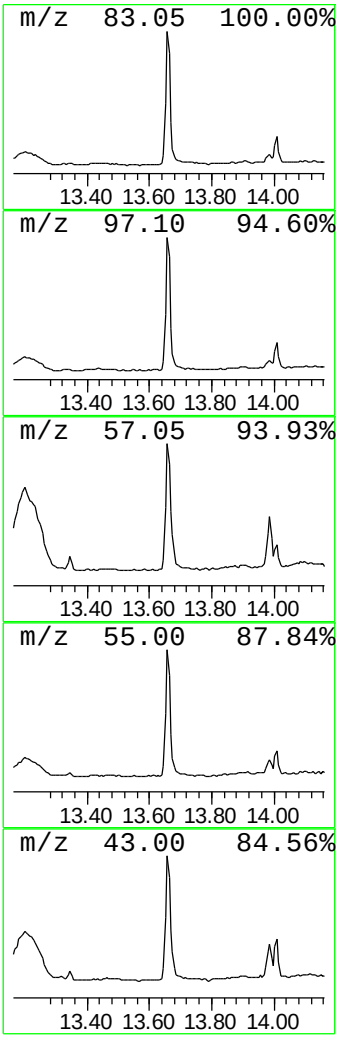
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91











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Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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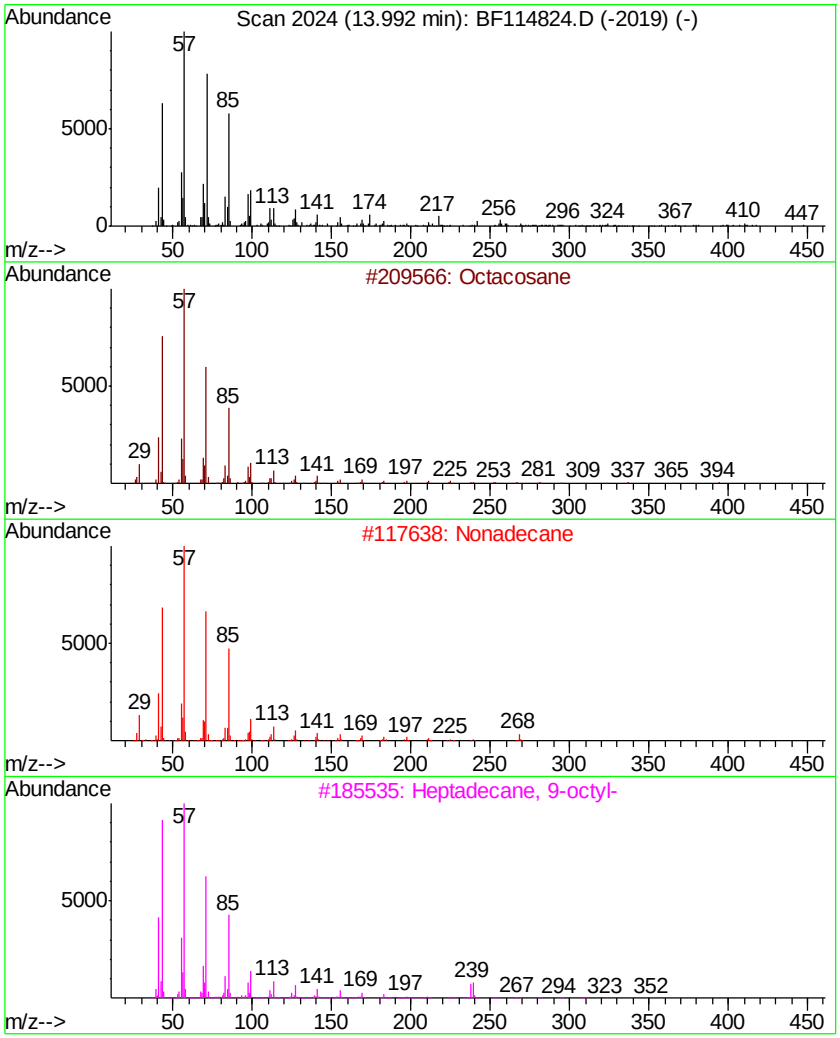
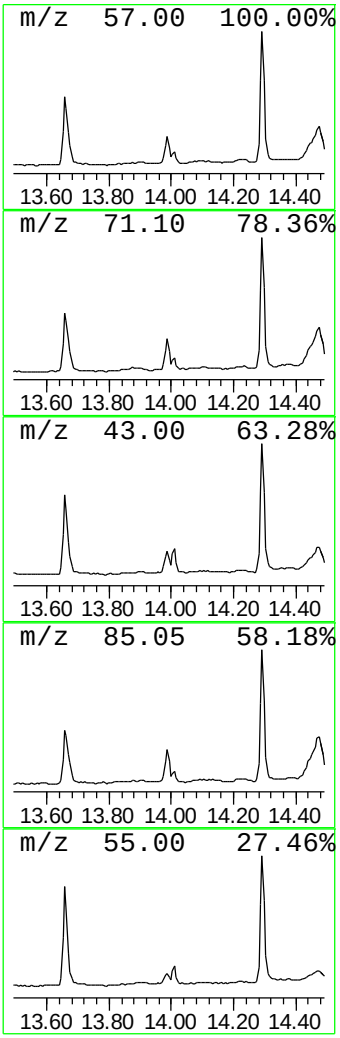
Peak Number 10 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.94 ng	627539	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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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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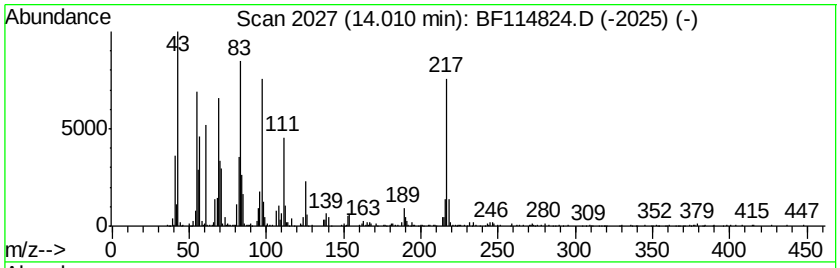
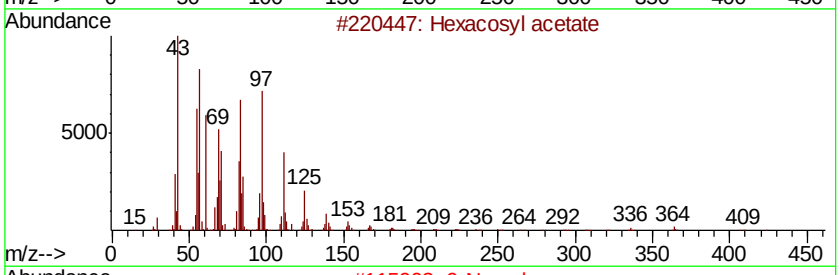
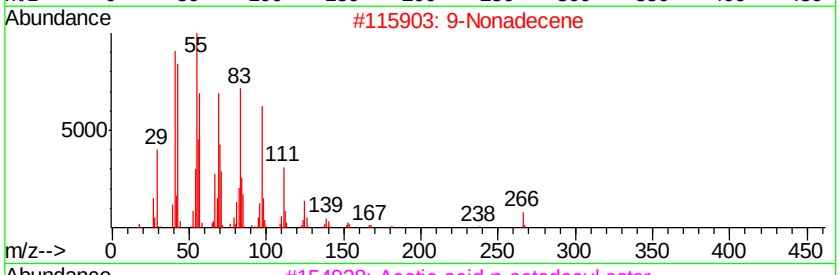
Peak Number 11 Hexacosyl acetate Concentration Rank 20

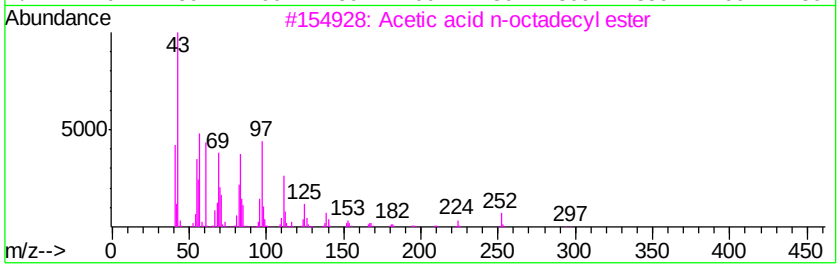
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.80 ng	596980	Chrysene-d12	13.79

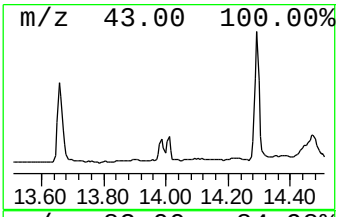
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosyl acetate	424	C28H56O2	000822-32-2	70
2	9-Nonadecene	266	C19H38	031035-07-1	53
3	Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	49
4	1-Pentadecanol acetate	270	C17H34O2	000629-58-3	47
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	45

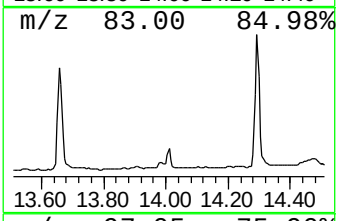


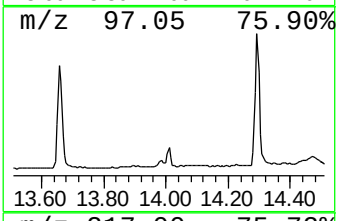


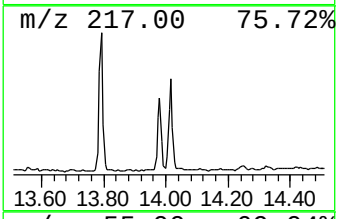


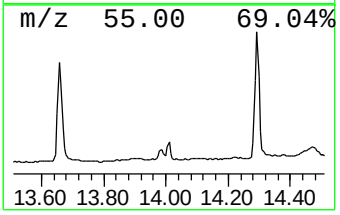












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Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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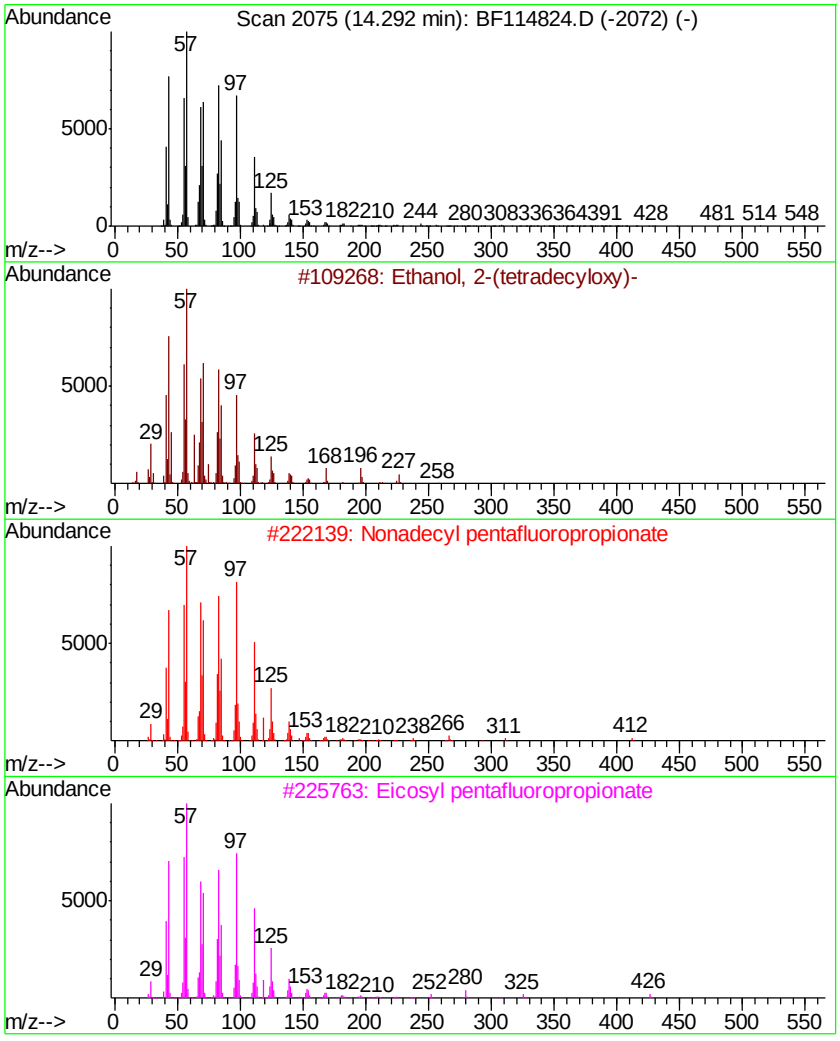
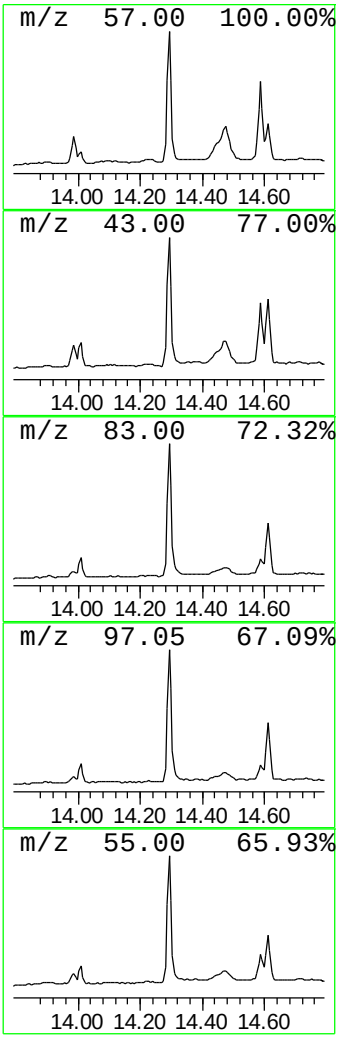
Peak Number 12 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	18.21 ng	3888100	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	90
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	90





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Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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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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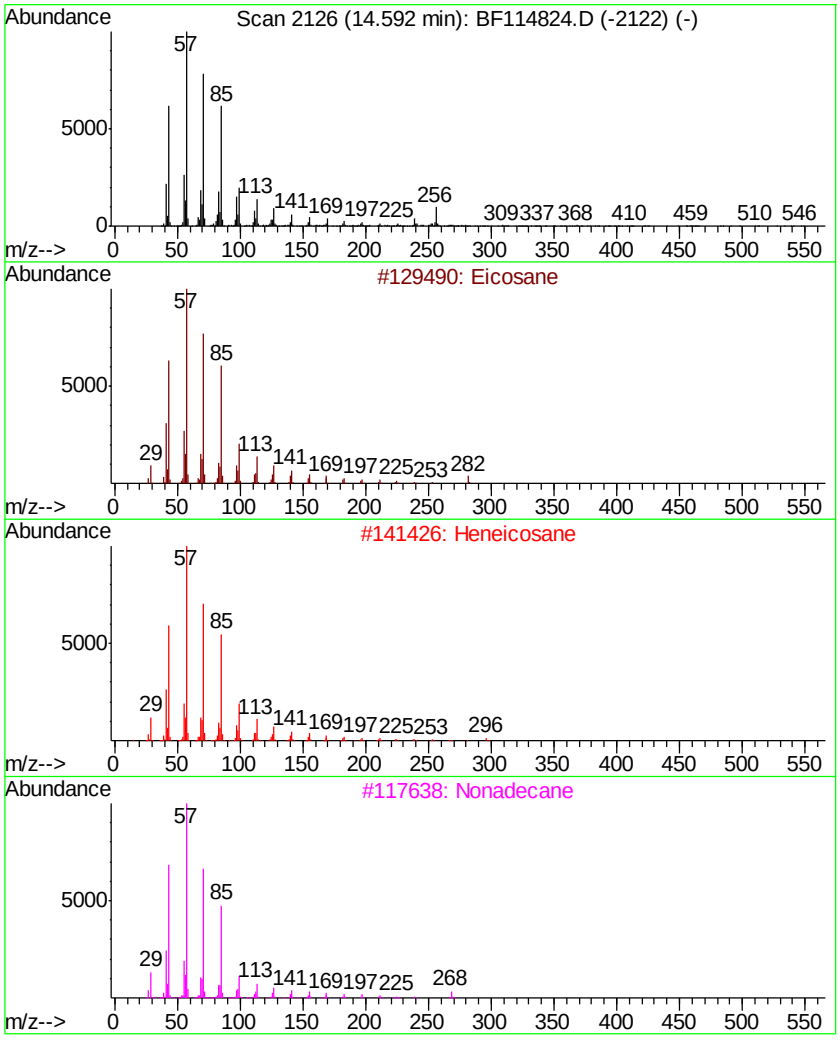
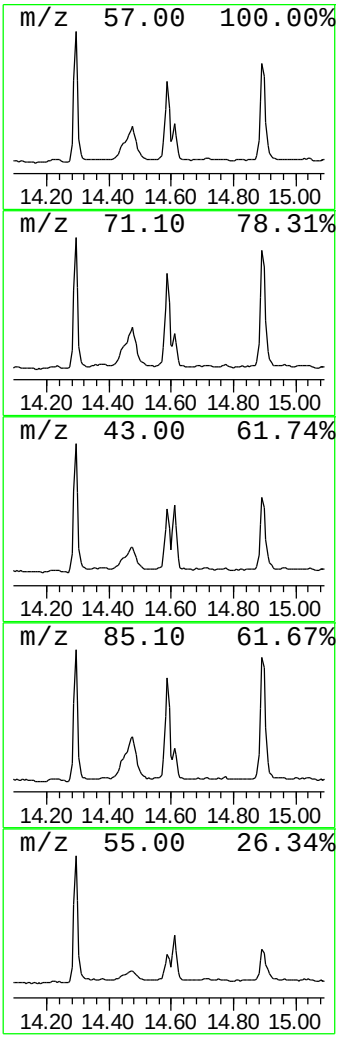
Peak Number 13 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	11.77 ng	1418720	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	97
3	Nonadecane	268	C19H40	000629-92-5	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93





Library Search Compound Report

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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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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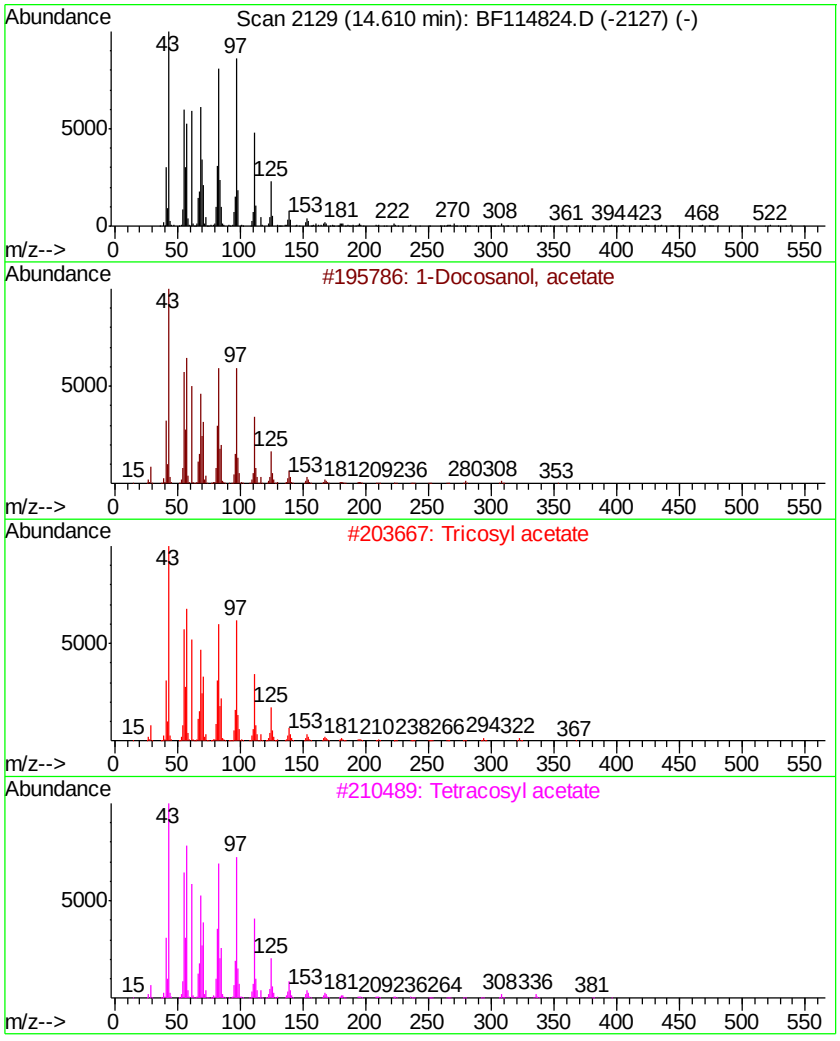
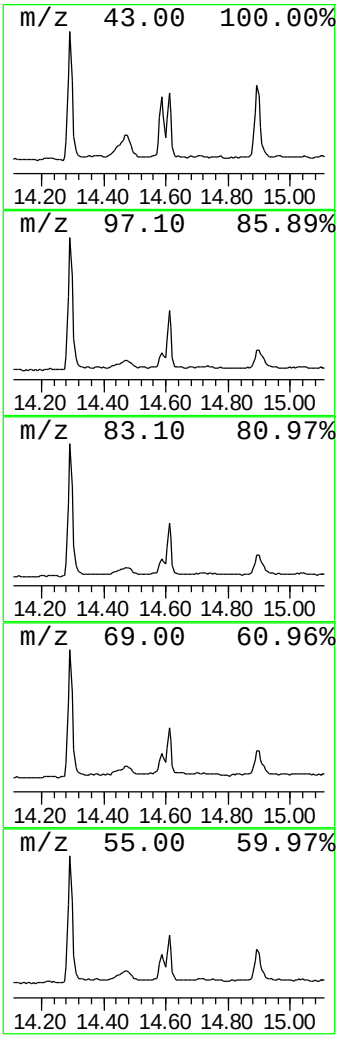
Peak Number 14 1-Docosanol, acetate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	11.68 ng	1408230	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanol, acetate	368	C24H48O2	000822-26-4	94
2	Tricosyl acetate	382	C25H50O2	1000351-77-8	91
3	Tetracosyl acetate	396	C26H52O2	1000351-78-1	91
4	Eicosyl acetate	340	C22H44O2	1000351-77-9	91
5	Heneicosyl acetate	354	C23H46O2	1000351-77-3	90





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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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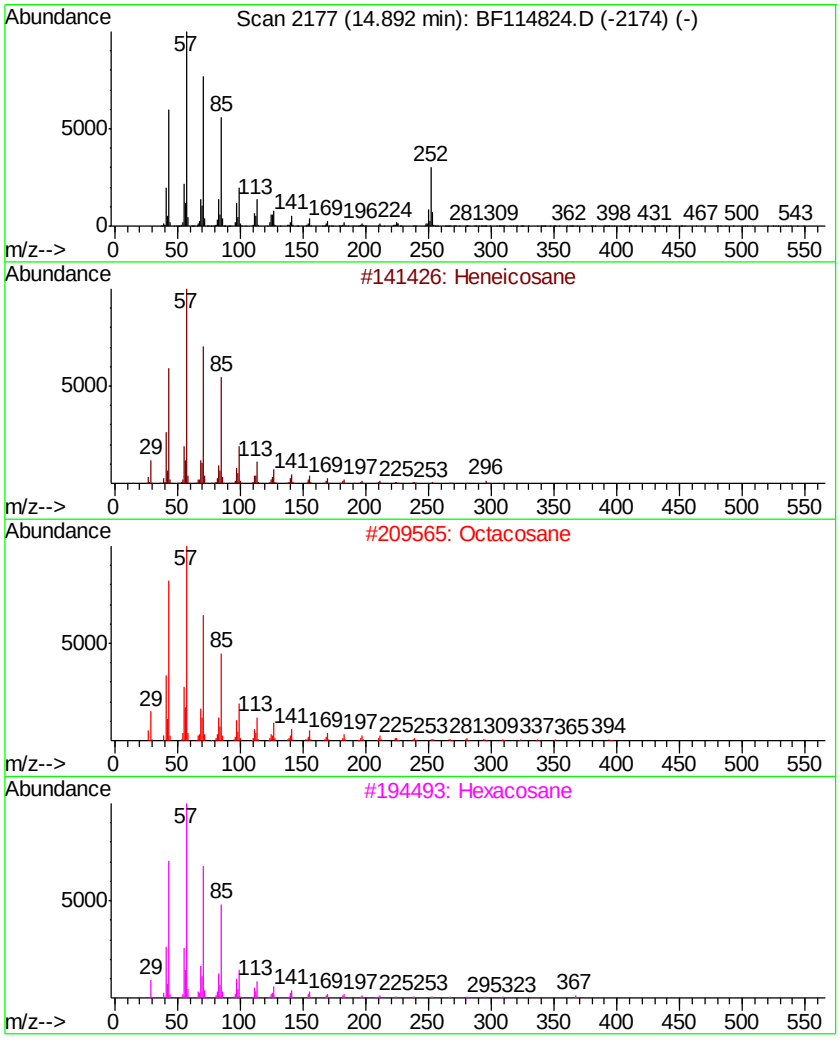
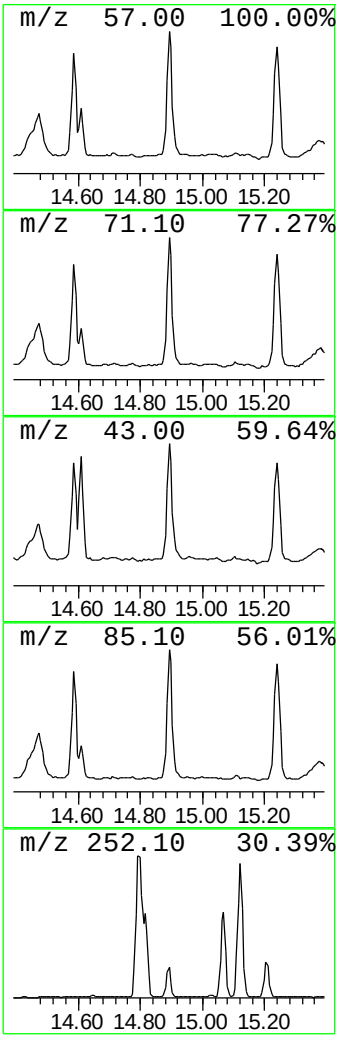
Peak Number 15 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	20.48 ng	2469790	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Hexacosane	366	C26H54	000630-01-3	81
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
5	Tetracosane	338	C24H50	000646-31-1	74





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ClientSampleId : TP-4

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

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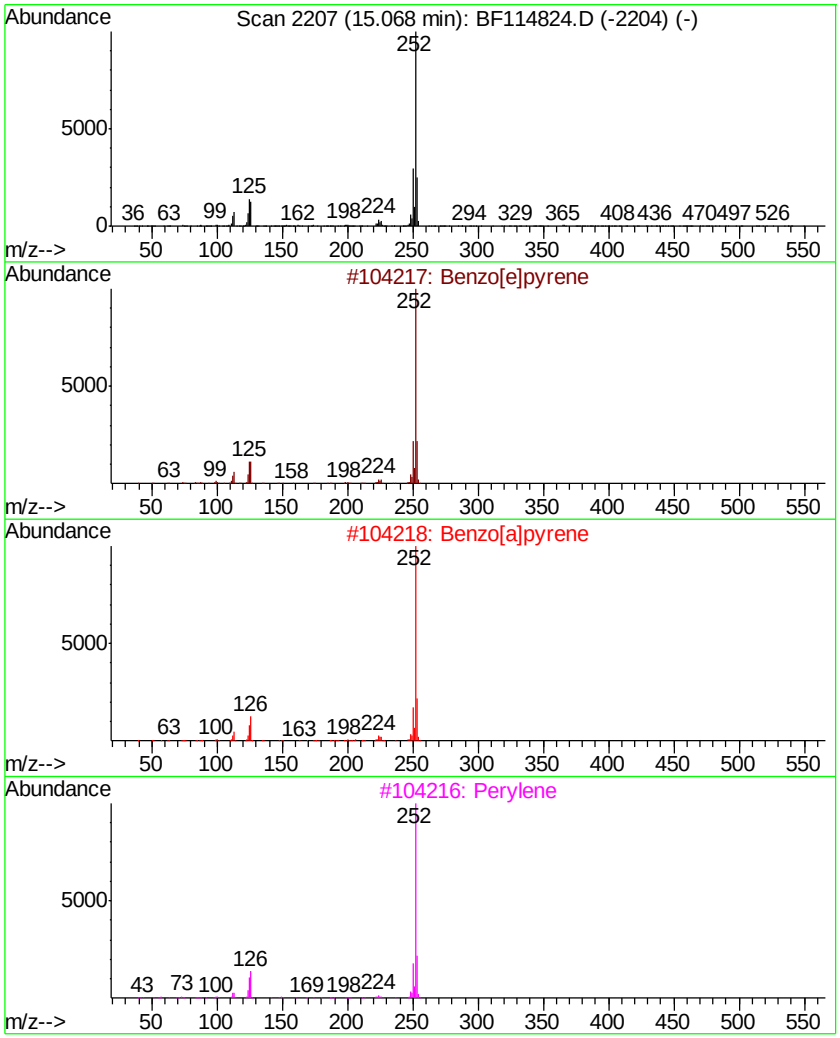
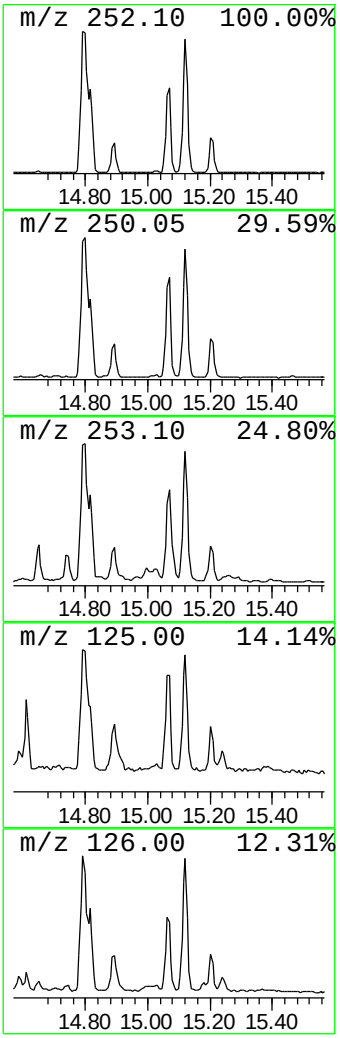
Peak Number 16 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	6.72 ng	810544	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : TP-4

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

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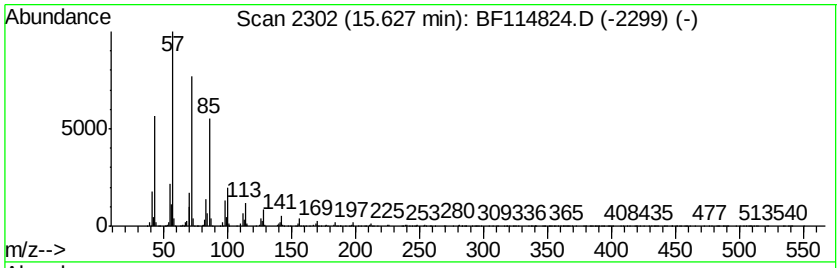
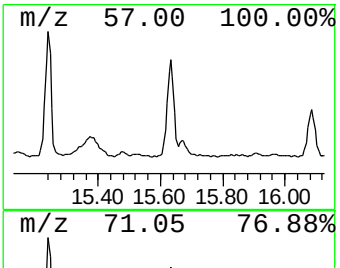
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	12.59 ng	1517630	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	94
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Instrument : BNA_F
ClientSampleId : TP-4

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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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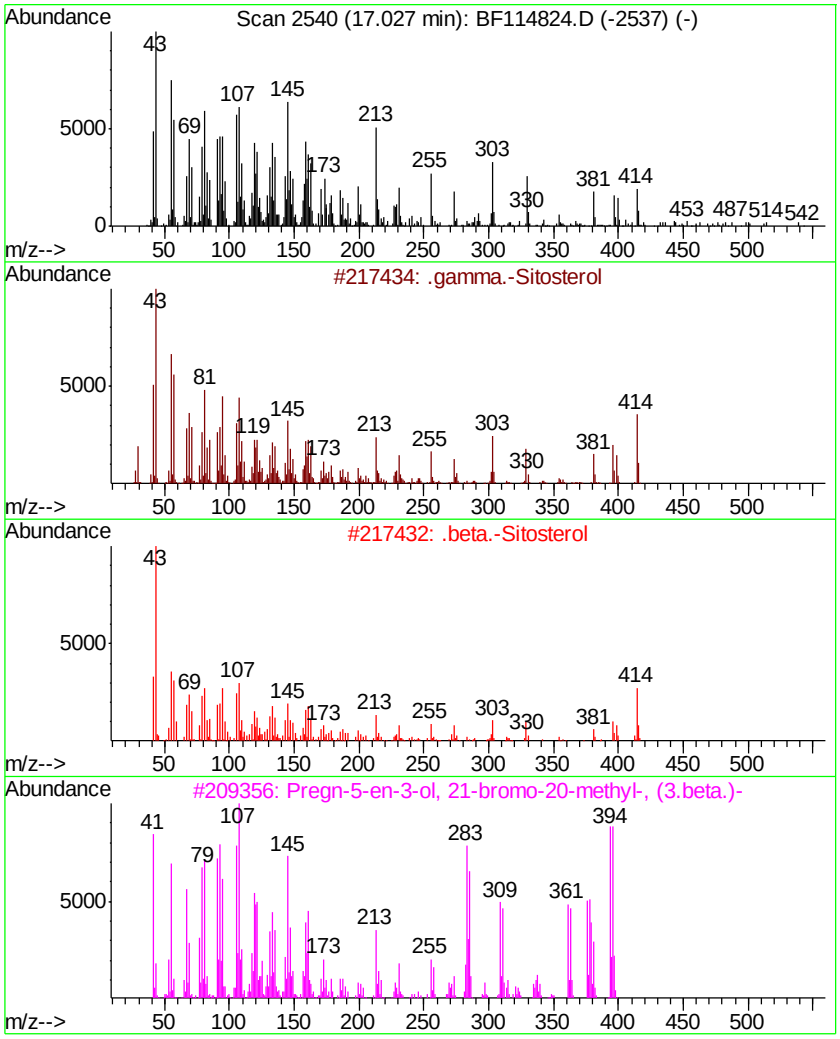
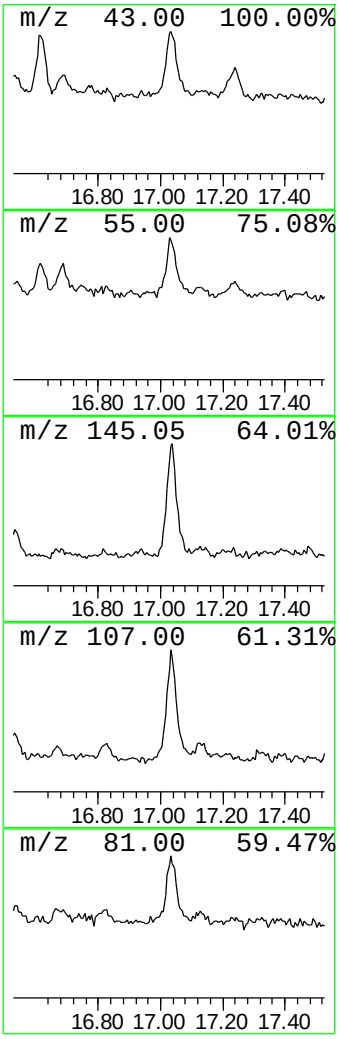
Peak Number 20 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	13.58 ng	1638020	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	91
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	41
4	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	12
5	1-Oxaspiro[4.4]nonane-4-carboxam...	273	C16H19NO3	1000319-97-0	11





Tentatively Identified Compound (LSC) summary

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Data File : BF114824.D
Acq On : 5 Jun 2019 18:09
Operator : HP/JU
Sample : K3183-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.44	6.44	67.8	ng	5843080	1	6.67	1723030	20.0
Anthracene, 2-met...	11.67	5.2	ng	754447	4	11.17	2917570	20.0
n-Hexadecanoic acid	11.75	97.5	ng	14225300	4	11.17	2917570	20.0
4H-Cyclopenta[def...	11.78	7.4	ng	1080110	4	11.17	2917570	20.0
Anthracene, 9-met...	11.80	3.2	ng	472429	4	11.17	2917570	20.0
Octadecanoic acid	12.53	87.0	ng	18584000	5	13.79	4271130	20.0
11H-Benzo[a]fluorene	12.93	2.9	ng	620682	5	13.79	4271130	20.0
1-Heneicosanol	13.66	14.1	ng	3011600	5	13.79	4271130	20.0
Octacosane	13.99	2.9	ng	627539	5	13.79	4271130	20.0
Hexacosyl acetate	14.01	2.8	ng	596980	5	13.79	4271130	20.0
Ethanol, 2-(tetra...	14.29	18.2	ng	3888100	5	13.79	4271130	20.0
Eicosane	14.59	11.8	ng	1418720	6	15.18	2411570	20.0
1-Docosanol, acetate	14.61	11.7	ng	1408230	6	15.18	2411570	20.0
Heneicosane	14.89	20.5	ng	2469790	6	15.18	2411570	20.0
Benzo[e]pyrene	15.07	6.7	ng	810544	6	15.18	2411570	20.0
Heptadecane, 9-oc...	15.63	12.6	ng	1517630	6	15.18	2411570	20.0
.gamma.-Sitosterol	17.03	13.6	ng	1638020	6	15.18	2411570	20.0