LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

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-BF121918.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	2.216	18	22	27	rVB	61475	86830	1.60%	0.169%
2	5.122	511	516	523	rBV	195993	264792	4.88%	0.516%
3	5.522	578	584	587	rBV	4704717	4705061	86.74%	9.168%
4	6.528	748	755	761	rBV	4646869	5424591	100.00%	10.570%
5	6.669	774	779	782	rBV	5350860	4999726	92.17%	9.742%
6	6.898	814	818	821	rBV	1273938	1160040	21.38%	2.260%
7	7.051	840	844	848	rVB	3964505	3795010	69.96%	7.395%
8	7.457	907	913	915	rBV	3151699	3282572	60.51%	6.396%
9	8.175	1031	1035	1039	rBV	1756474	1529135	28.19%	2.980%
10	9.251	1213	1218	1221	rBV	5416783	4849318	89.40%	9.449%
11	9.639	1281	1284	1287	rBV	367970	261873	4.83%	0.510%
12	9.933	1327	1334	1337	rBV	1878969	1685186	31.07%	3.284%
13	10.333	1399	1402	1406	rBV	77040	94729	1.75%	0.185%
14	10.716	1462	1467	1471	rBV	3644540	3396026	62.60%	6.617%
15	11.074	1518	1528	1531	rBV4	55061	82370	1.52%	0.161%
16	11.357	1573	1576	1580	rBV	100715	101052	1.86%	0.197%
17	11.416	1580	1586	1589	rBV	1828372	1578163	29.09%	3.075%
18	11.868	1656	1663	1667	rBV2	83683	109362	2.02%	0.213%
19	11.945	1671	1676	1685	rVB	941175	962206	17.74%	1.875%
20	12.116	1702	1705	1713	rVB2	83283	77094	1.42%	0.150%
21	12.557	1776	1780	1783	rBV2	52268	55025	1.01%	0.107%
22	12.621	1788	1791	1794	rBV	229949	239236	4.41%	0.466%
23	12.727	1804	1809	1823	rBV	814568	835120	15.40%	1.627%
24	12.851	1825	1830	1833	rVB2	186557	198082	3.65%	0.386%
25	12.998	1851	1855	1858	rVB	3855652	3199630	58.98%	6.235%
26	13.892	2004	2007	2015	rVB2	301768	376346	6.94%	0.733%
27	14.051	2028	2034	2036	rBV2	1431016	1478965	27.26%	2.882%
28	14.074	2036	2038	2043	rVB	251417	215922	3.98%	0.421%
29	14.221	2060	2063	2068	rVB2	135089	123260	2.27%	0.240%
30	14.527	2112	2115	2119	rBV	378259	351923	6.49%	0.686%
31	14.809	2161	2163	2165	rBV	86191	76798	1.42%	0.150%
32	14.839	2165	2168	2177	rVB	207213	244125	4.50%	0.476%
33	14.915	2178	2181	2188	rBV2	100140	112683	2.08%	0.220%
34	14.986	2190	2193	2199	rVB2	125309	149497	2.76%	0.291%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.092	2207	2211	2214	rBV	320459	451808	8.33%	0.880%
36	15.186	2223	2227	2236	rVB2	425104	769986	14.19%	1.500%
37	15.398	2260	2263	2269	rVB	191504	231070	4.26%	0.450%
38	15.462	2270	2274	2279	rVB	214904	258386	4.76%	0.503%
39	15.527	2280	2285	2289	rBV	825206	1087182	20.04%	2.118%
40	15.574	2289	2293	2297	rVB2	180467	276067	5.09%	0.538%
41	15.774	2324	2327	2332	rBV	102616	130745	2.41%	0.255%
42	16.021	2364	2369	2373	rBV	348269	530153	9.77%	1.033%
43	16.062	2373	2376	2386	rVB6	107009	190030	3.50%	0.370%
44	16.539	2453	2457	2463	rVB3	72741	116579	2.15%	0.227%
45	16.839	2503	2508	2515	rVB7	63599	125933	2.32%	0.245%
46	17.003	2531	2536	2542	rBV2	95356	180672	3.33%	0.352%
47	17.151	2555	2561	2567	rBV2	90800	204250	3.77%	0.398%
48	17.451	2609	2612	2618	rVB	67353	94601	1.74%	0.184%
49	17.633	2637	2643	2651	rBV3	205435	456863	8.42%	0.890%
50	18.462	2779	2784	2789	rBV8	50824	113058	2.08%	0.220%

Sum of corrected areas: 51319131

LSC Report - Integrated Chromatogram

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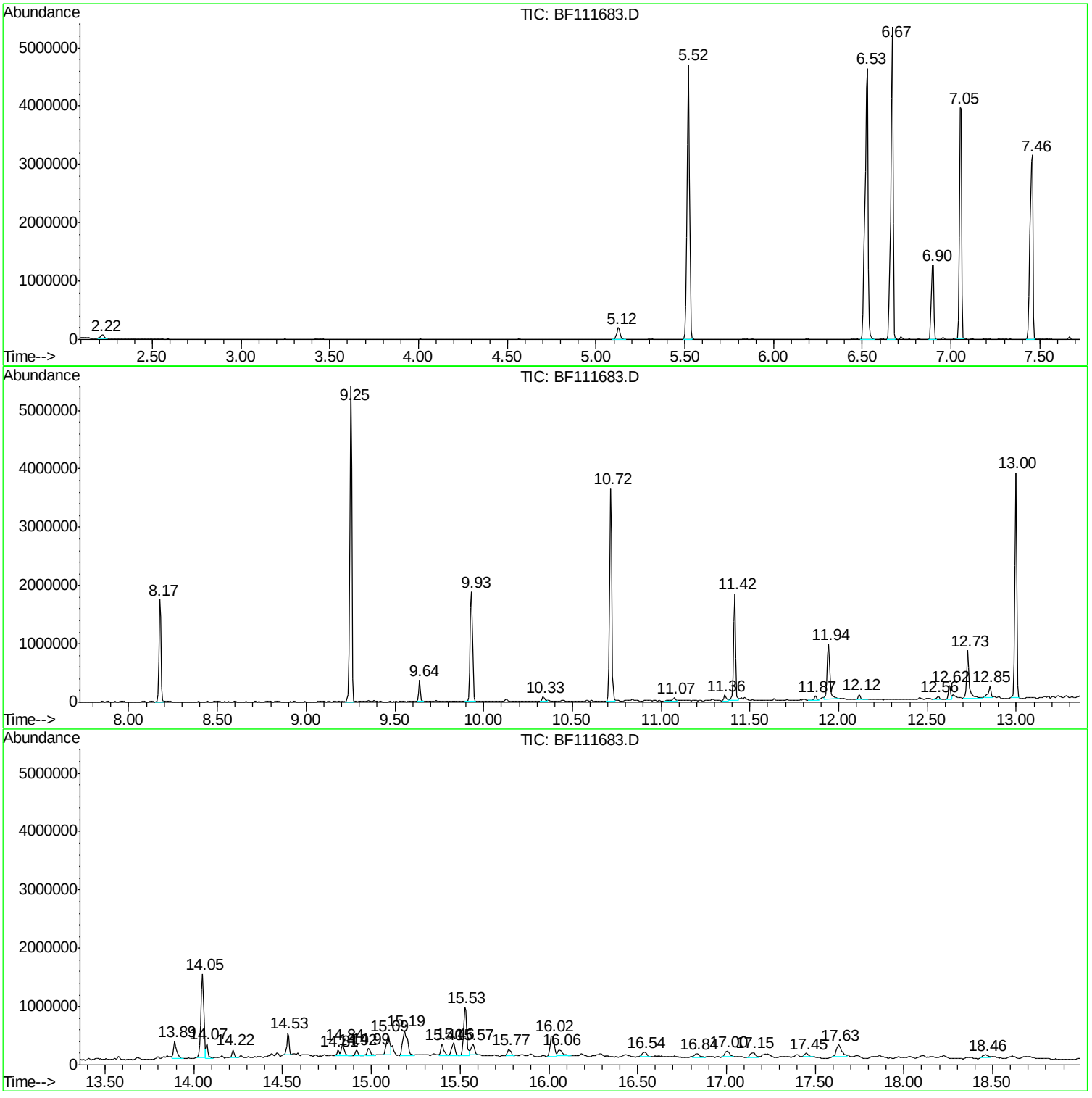
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF122118\
Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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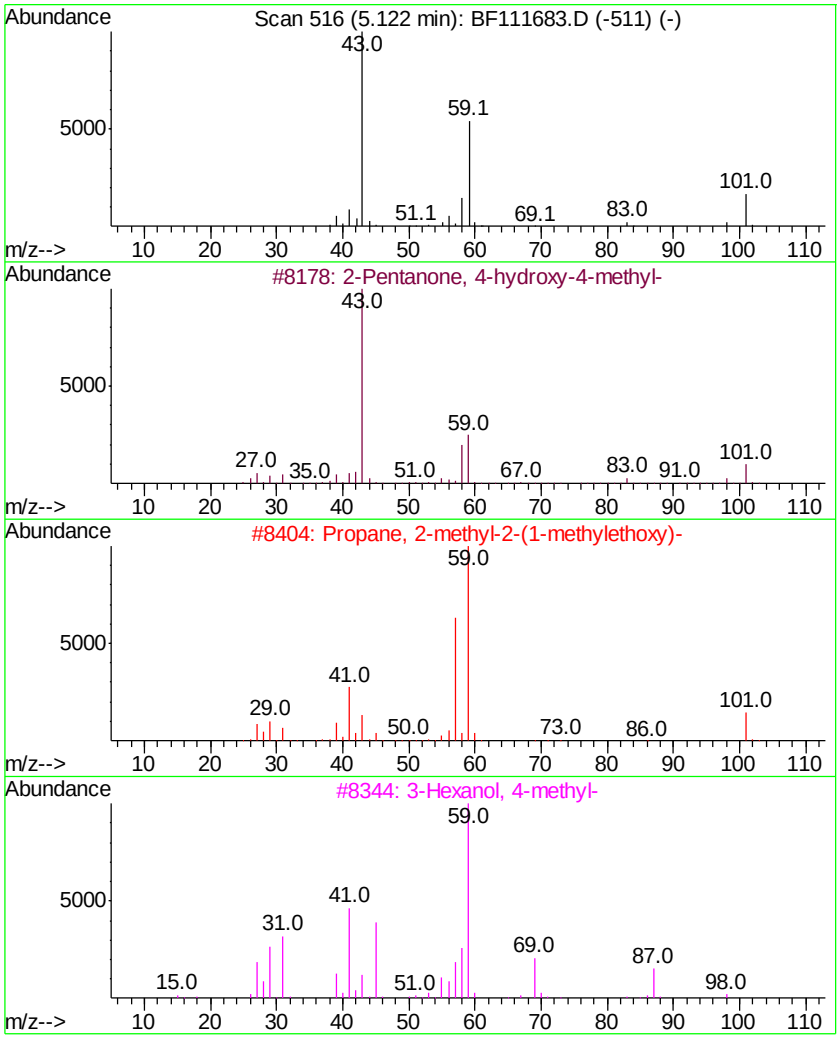
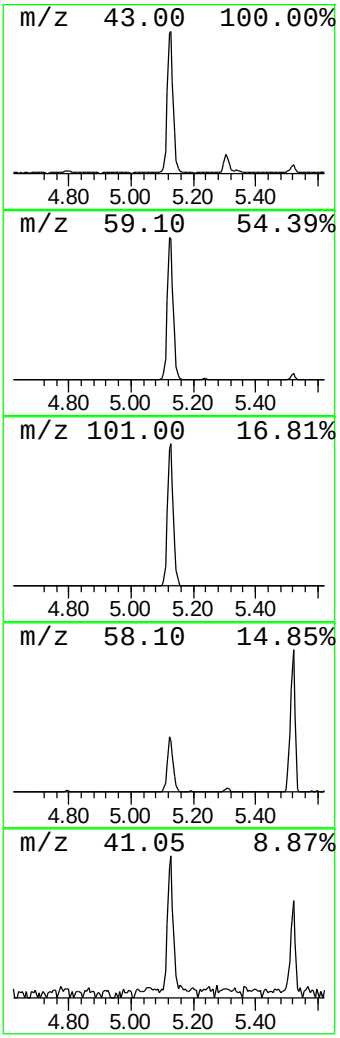
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	4.57 ng	264792	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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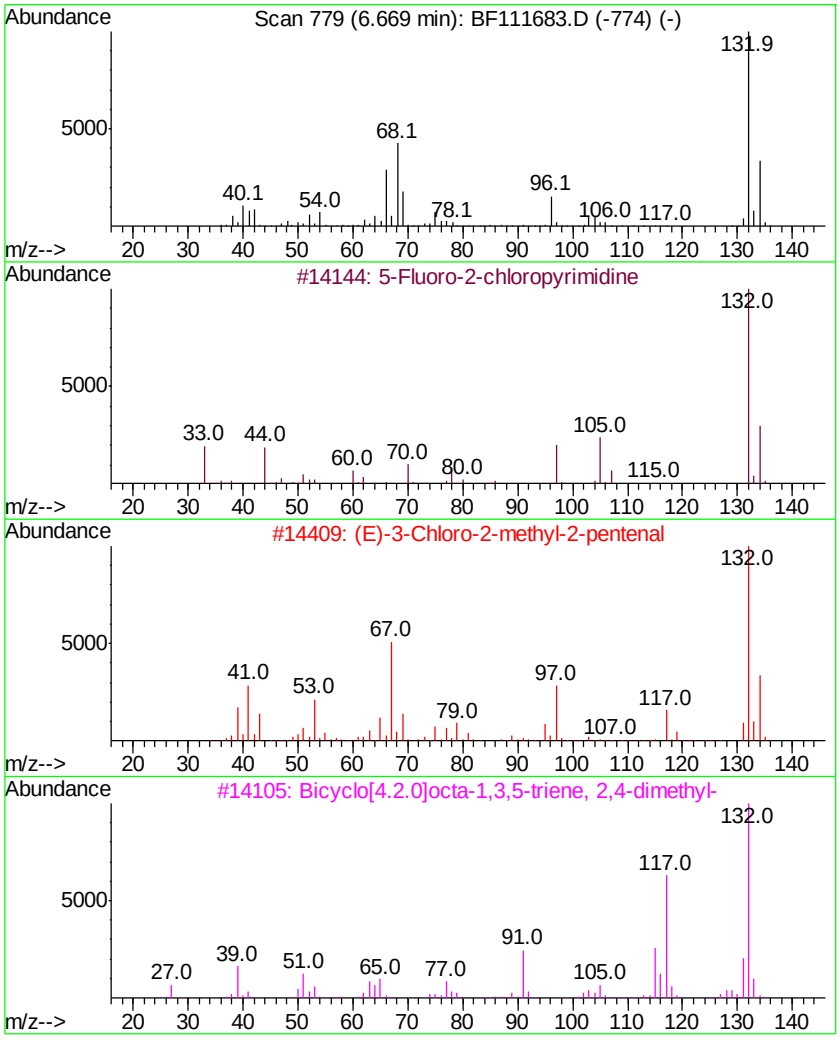
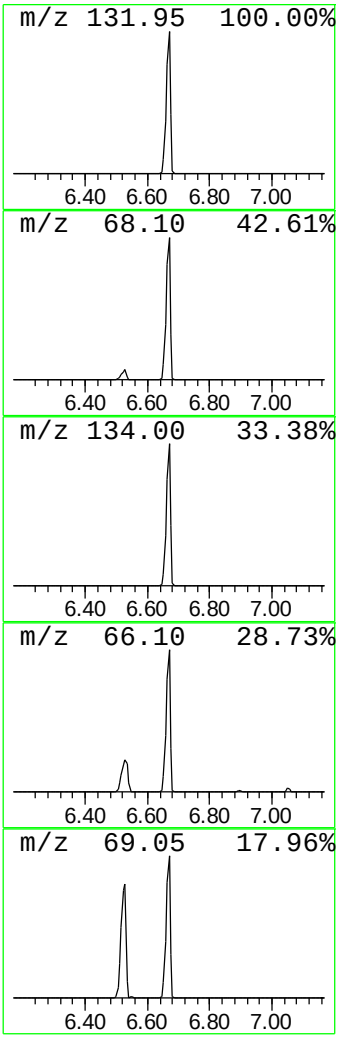
Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	86.20 ng	4999730	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

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Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

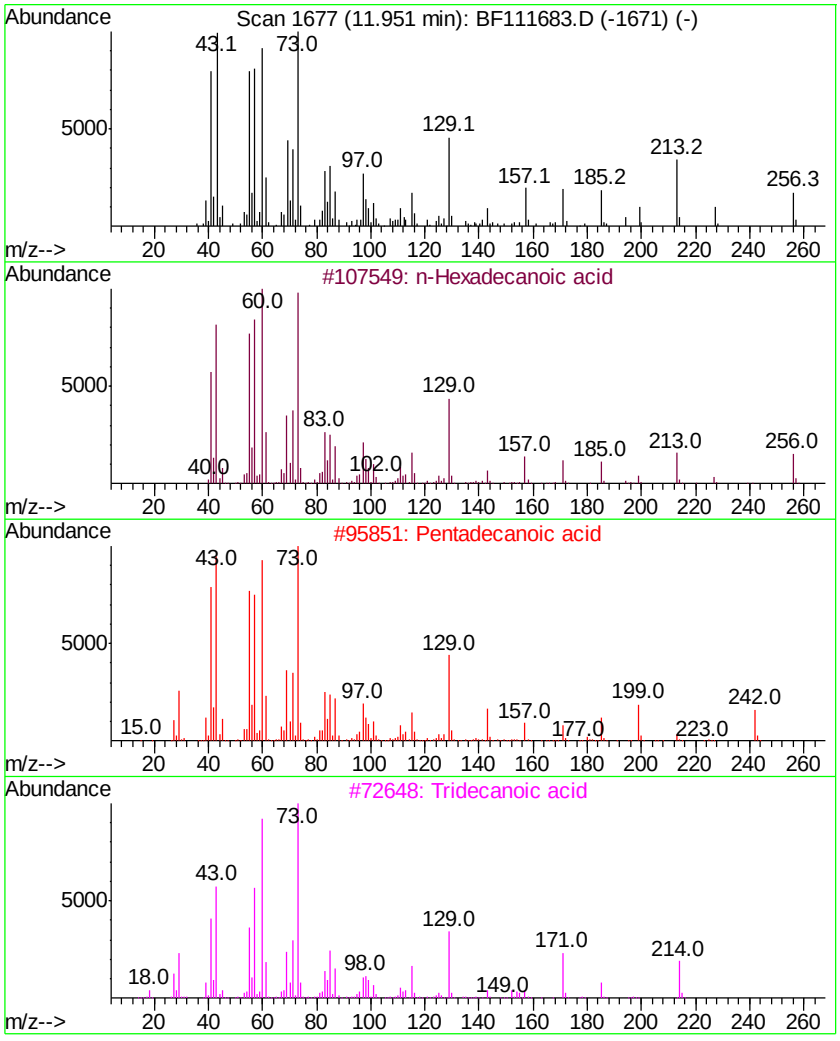
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

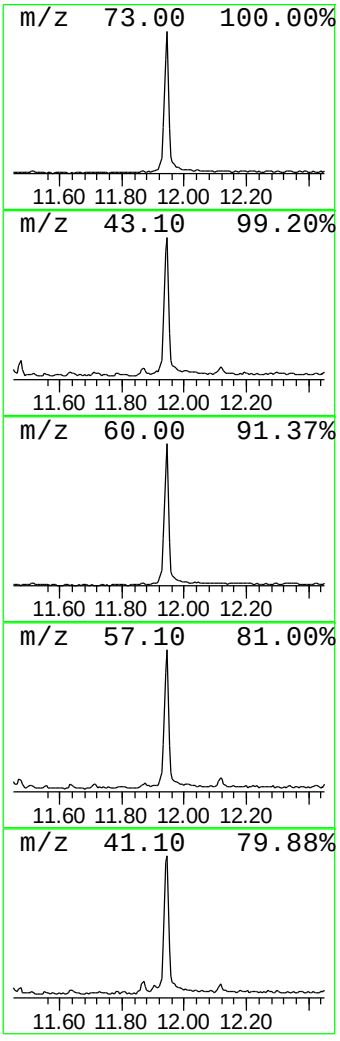
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	12.19 ng	962206	Phenanthrene-d10	11.42

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	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

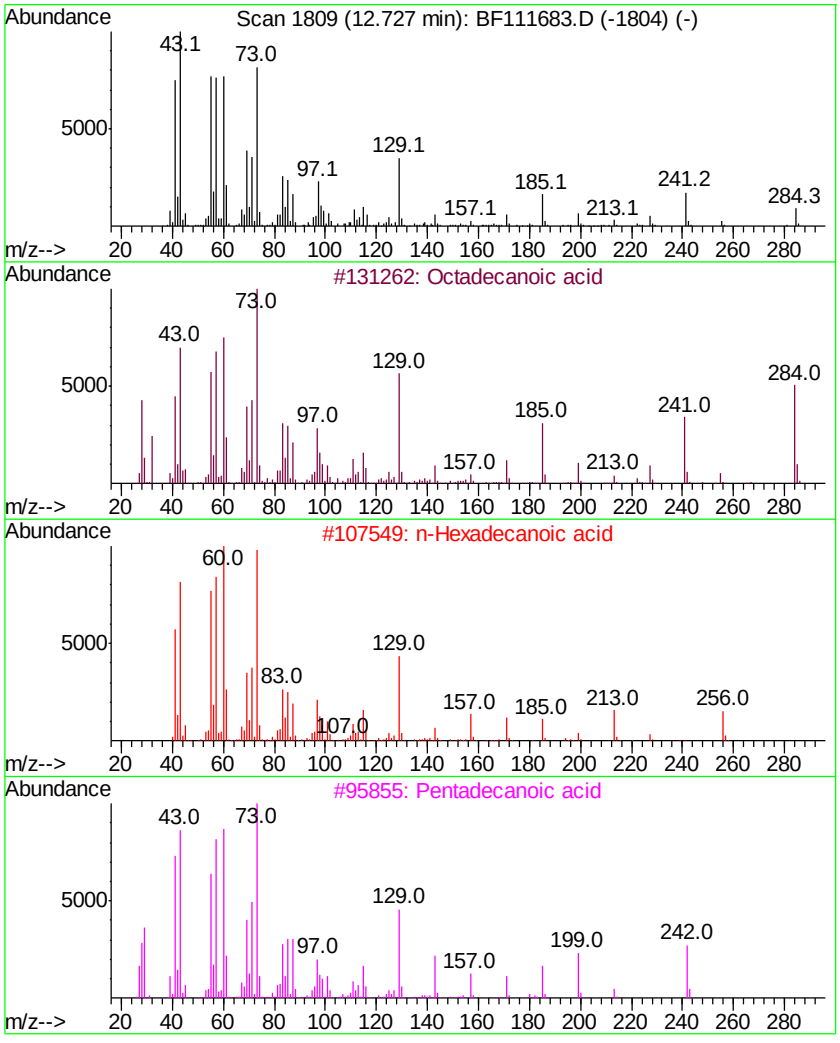
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

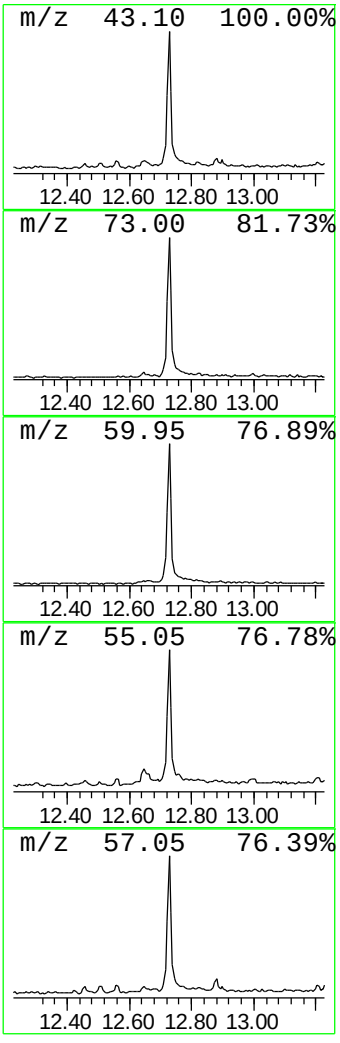
****

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	10.58 ng	835120	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

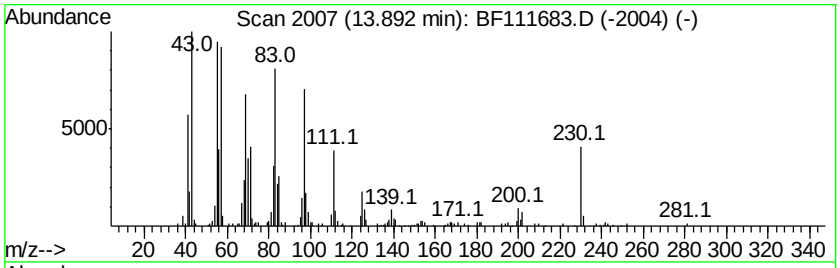
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

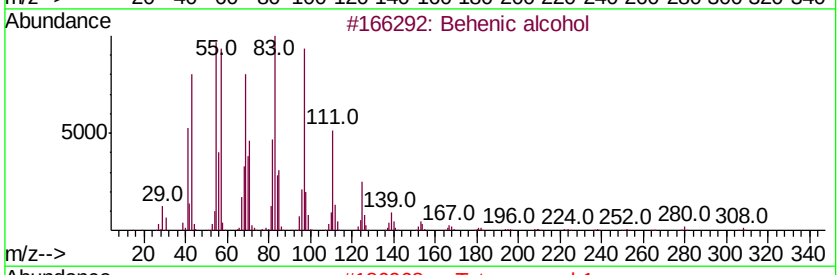
****

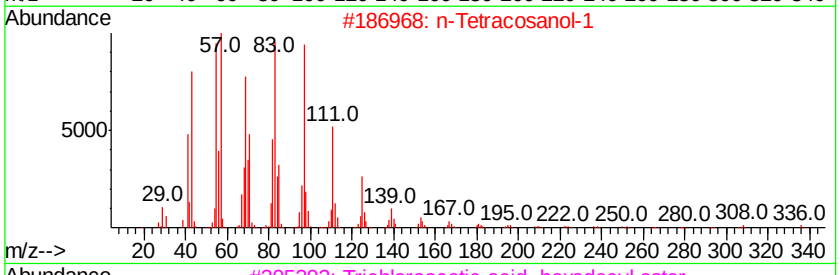
Peak Number 6 Behenic alcohol Concentration Rank 8

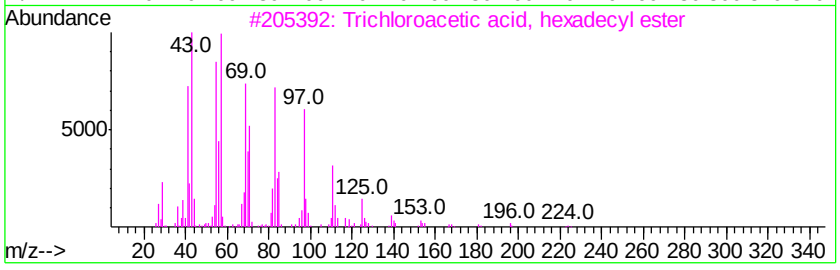
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.09 ng	376346	Chrysene-d12	14.05

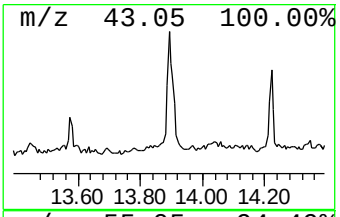
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	87
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	1-Docosene	308	C22H44	001599-67-3	87
5	Octacosanol	410	C28H58O	000557-61-9	81

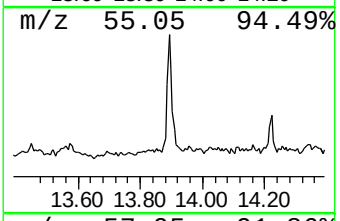


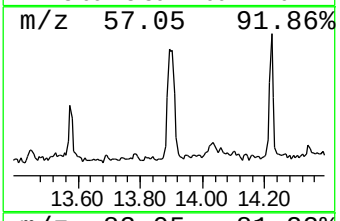


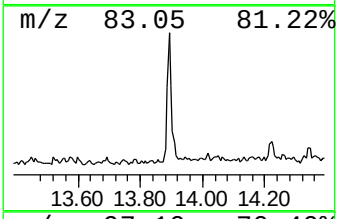


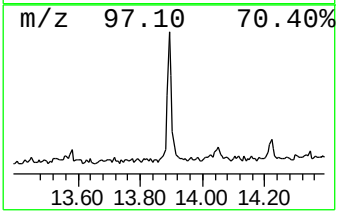












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Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

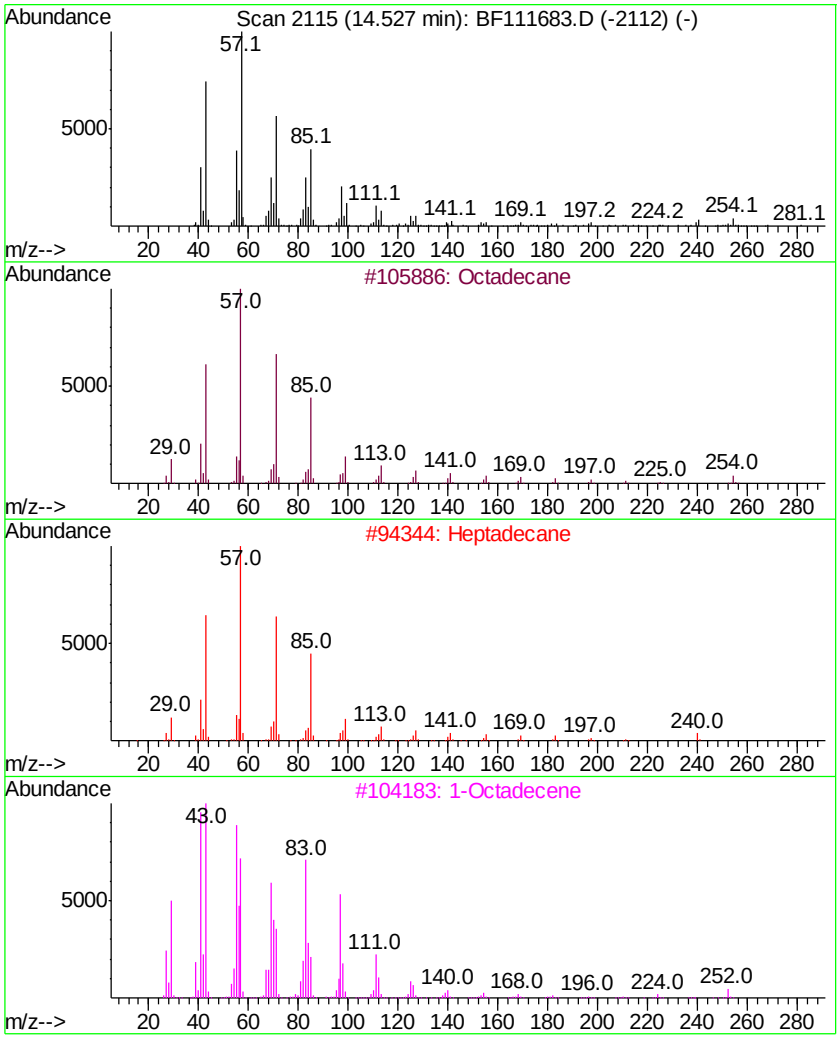
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

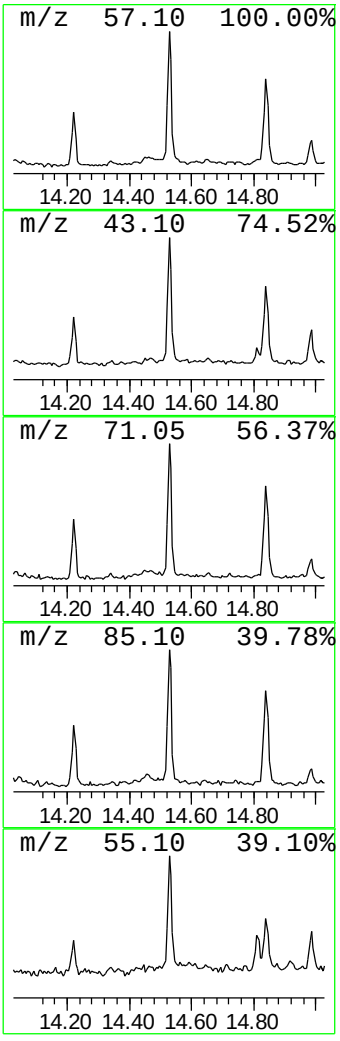
****

Peak Number 7 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	4.76 ng	351923	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	1-Octadecene	252	C18H36	000112-88-9	93
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91





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TIC Library : C:\DATABASE\NIST11.L
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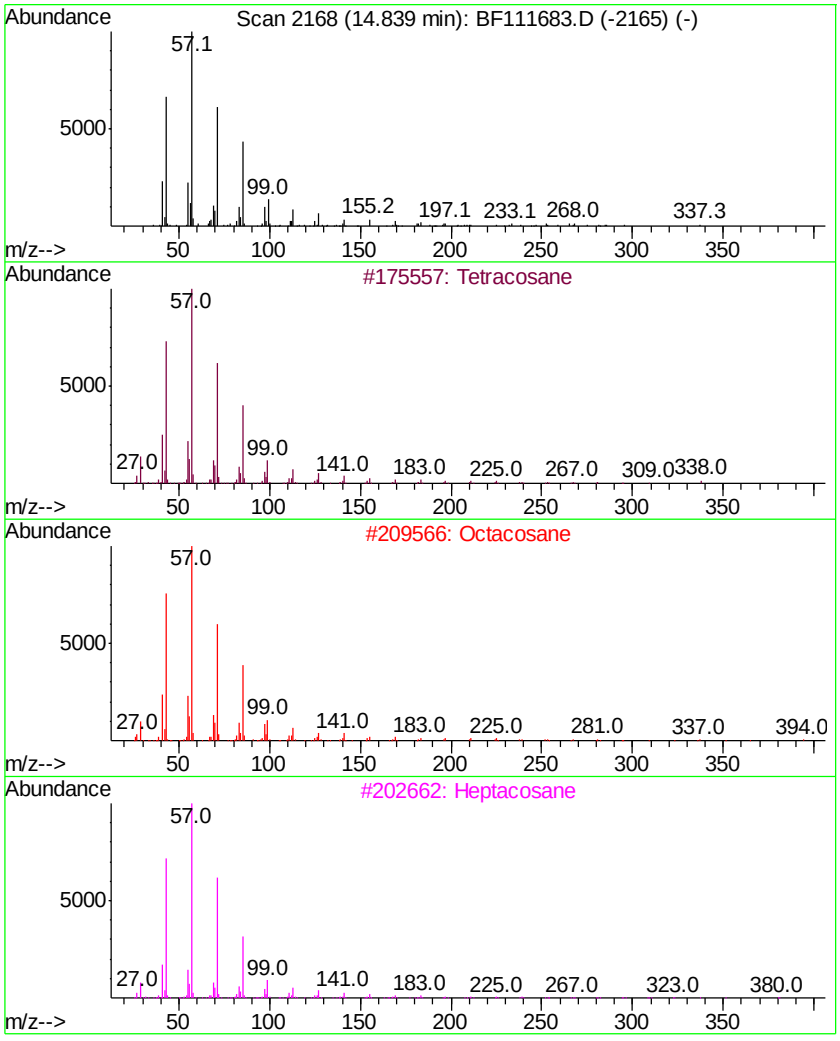
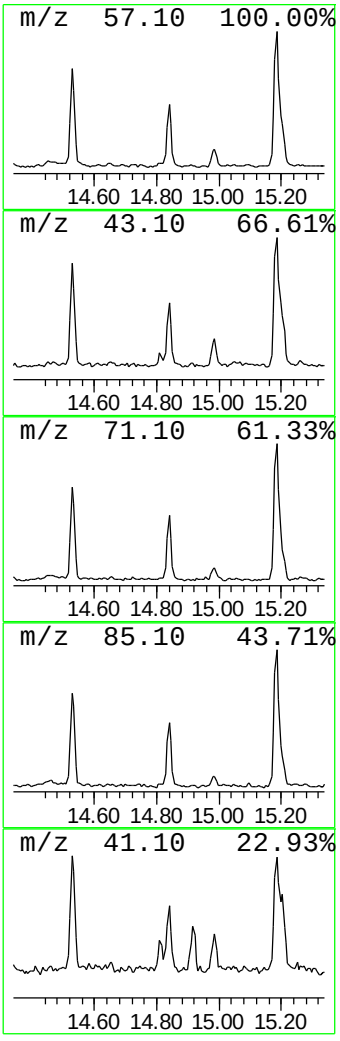
Peak Number 8 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	4.49 ng	244125	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

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Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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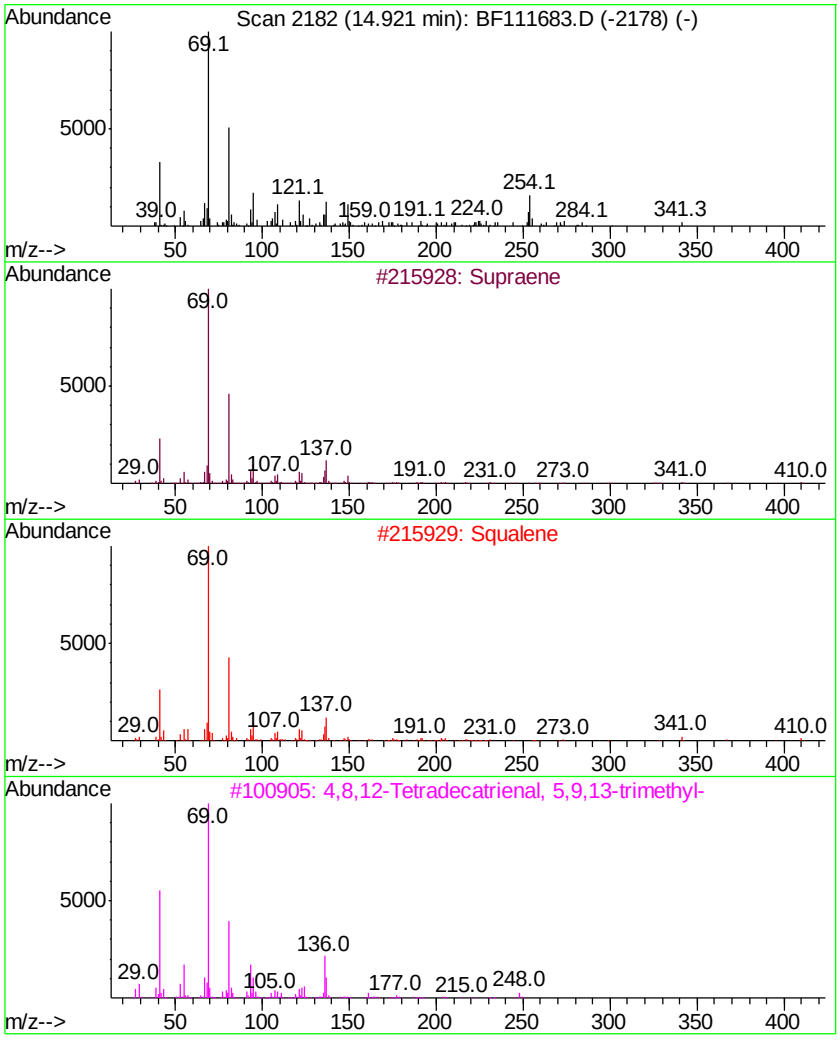
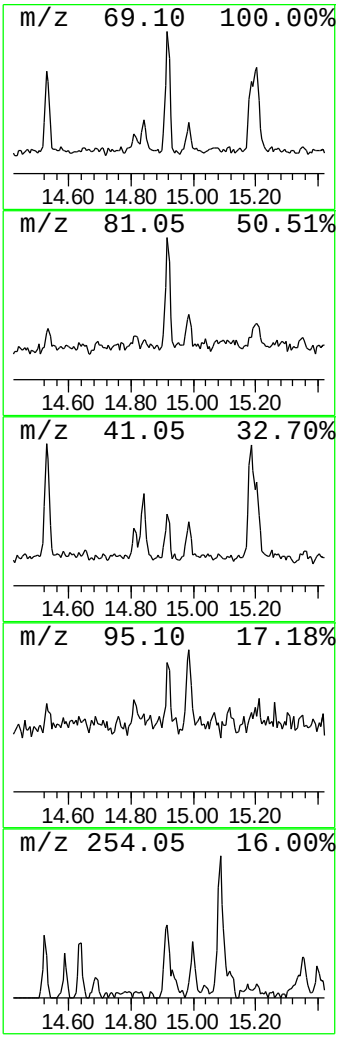
Peak Number 9 Supraene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.07 ng	112683	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	76
2	Squalene	410	C30H50	000111-02-4	64
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	59
4	trans-Farnesol	222	C15H26O	000106-28-5	53
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	47





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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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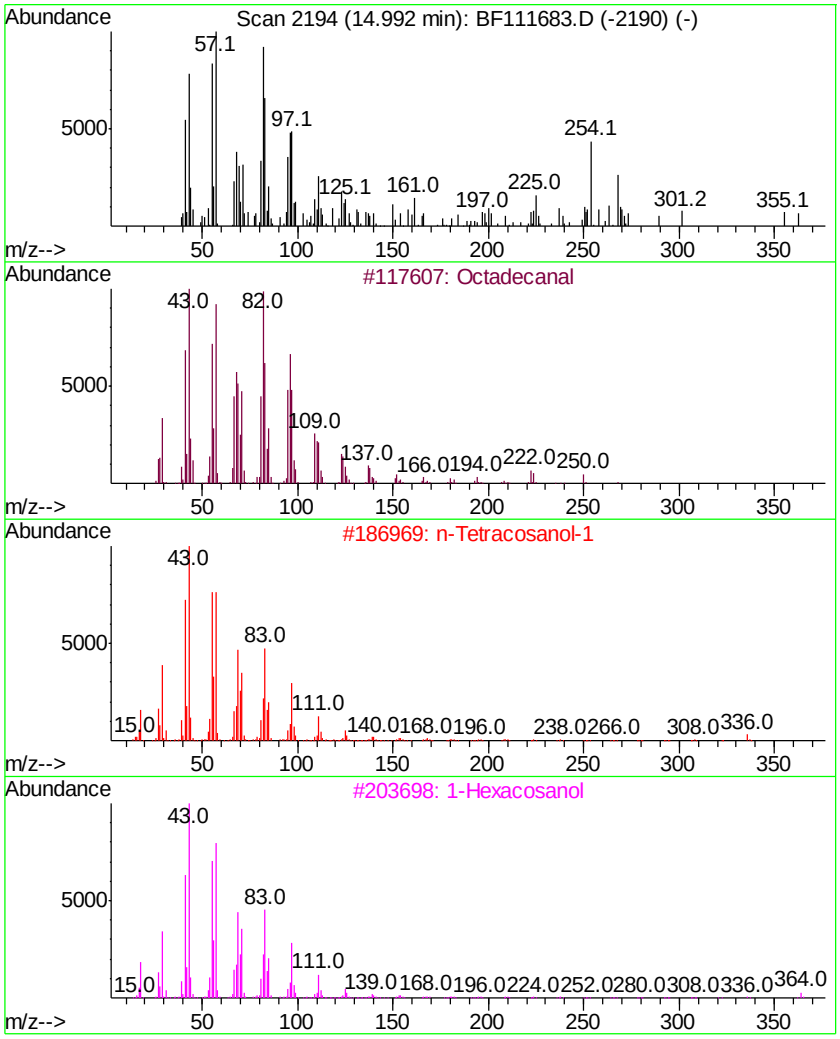
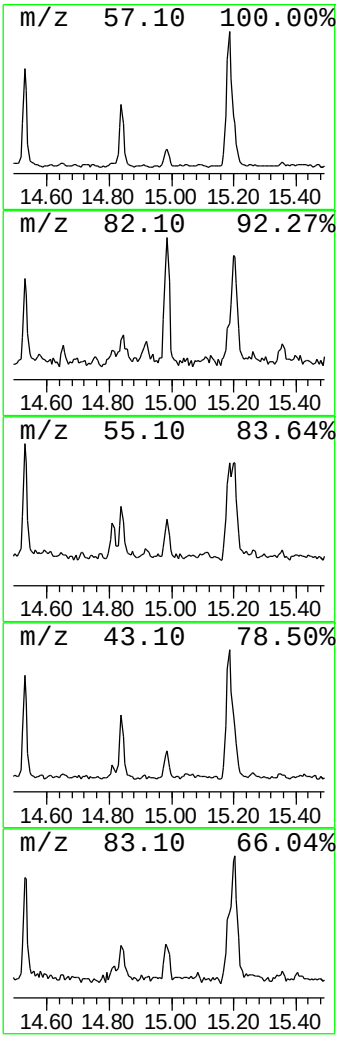
Peak Number 10 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.75 ng	149497	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	52
3	1-Hexacosanol	382	C26H54O	000506-52-5	52
4	1,1'-Bicyclohexyl, 4-methyl-4'-p...	222	C16H30	092343-70-9	50
5	2-Heptadecenal	252	C17H32O	1000143-48-6	43





Library Search Compound Report

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Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : P001-SS001-0006-01

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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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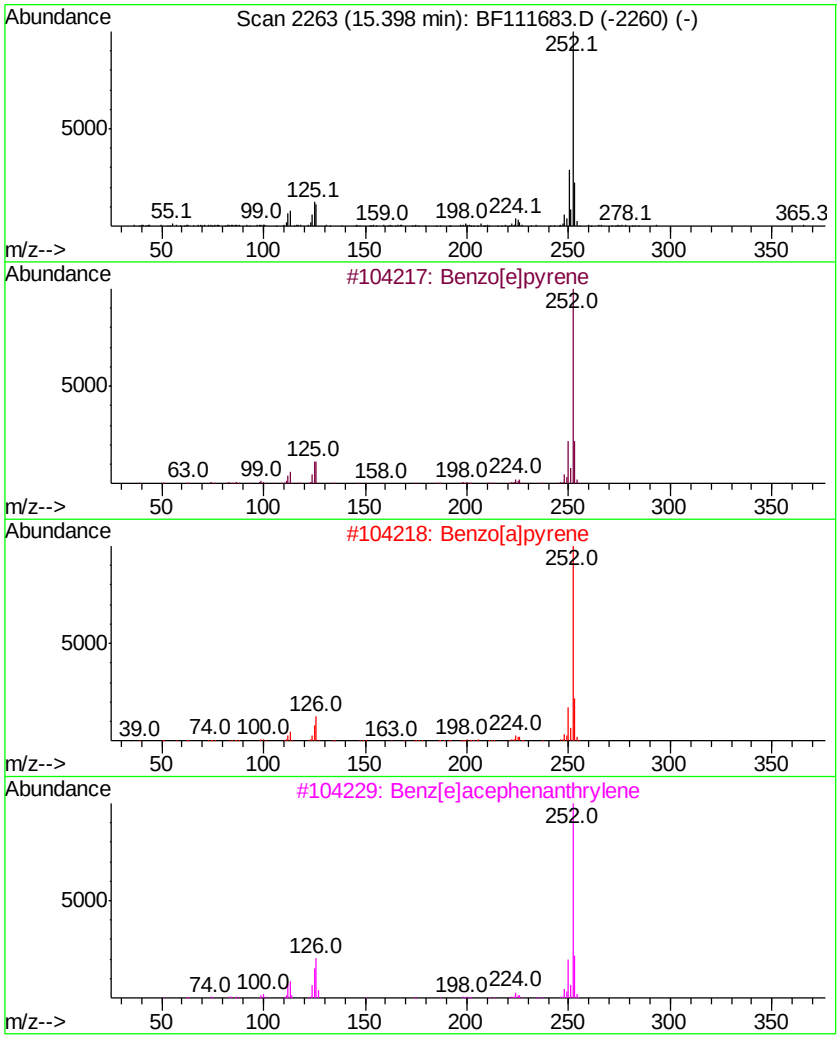
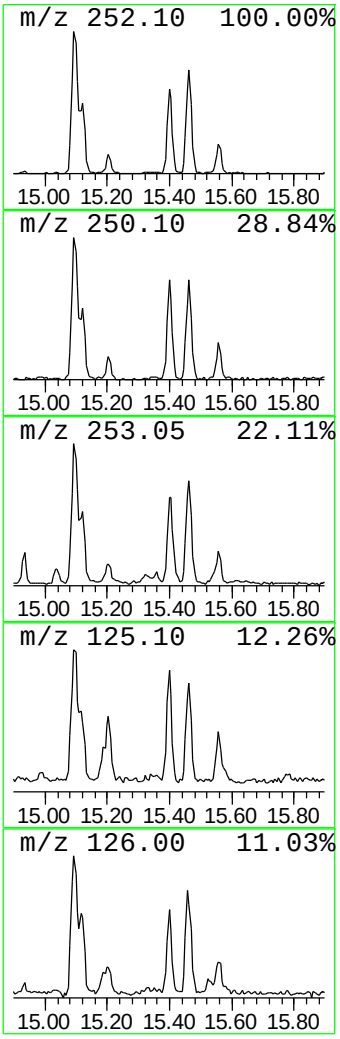
Peak Number 12 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	4.25 ng	231070	Perylene-d12	15.53

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	93





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Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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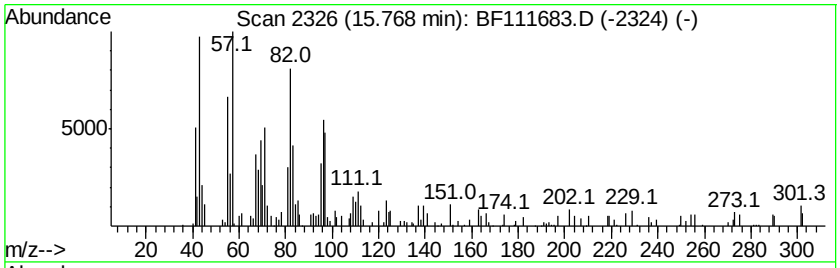
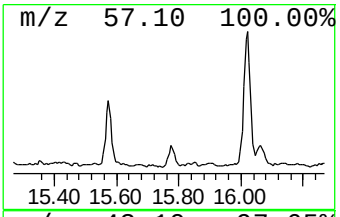
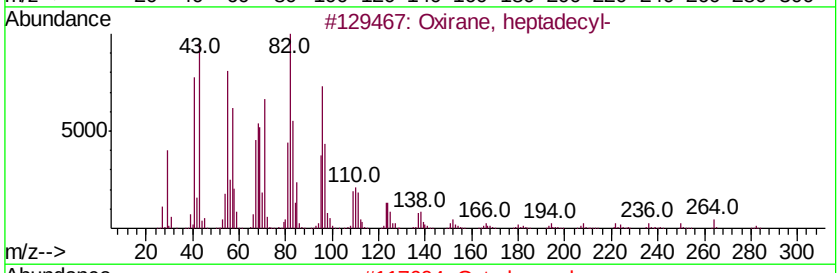
Peak Number 13 Oxirane, heptadecyl- Concentration Rank 16

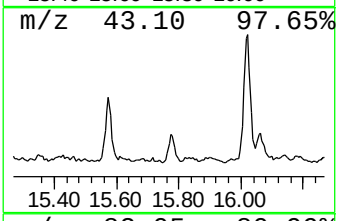
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.41 ng	130745	Perylene-d12	15.53

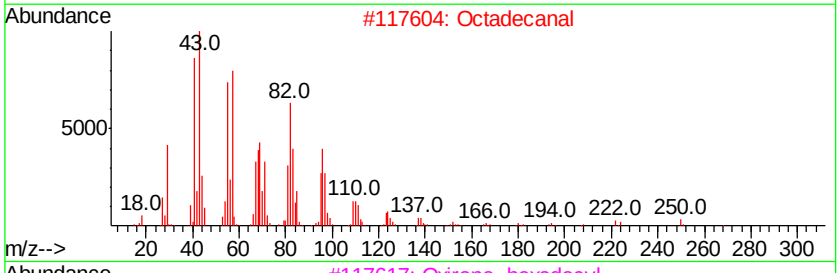
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
4	Oleyl alcohol, methyl ether	282	C19H38O	1000352-68-0	64
5	1,19-Eicosadiene	278	C20H38	014811-95-1	62

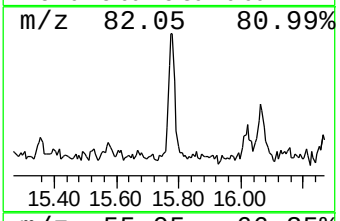


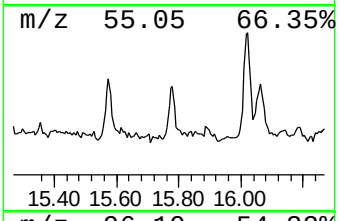


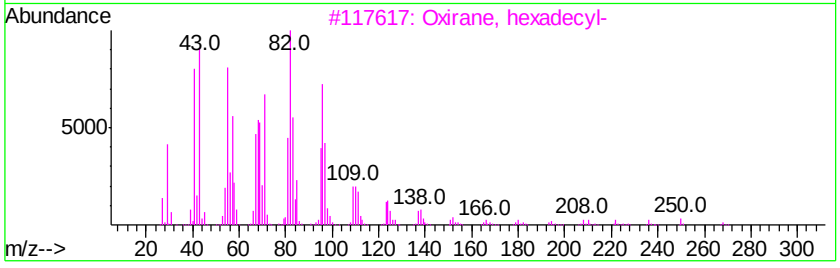


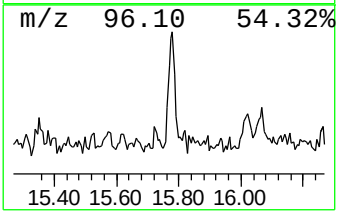












Library Search Compound Report

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Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

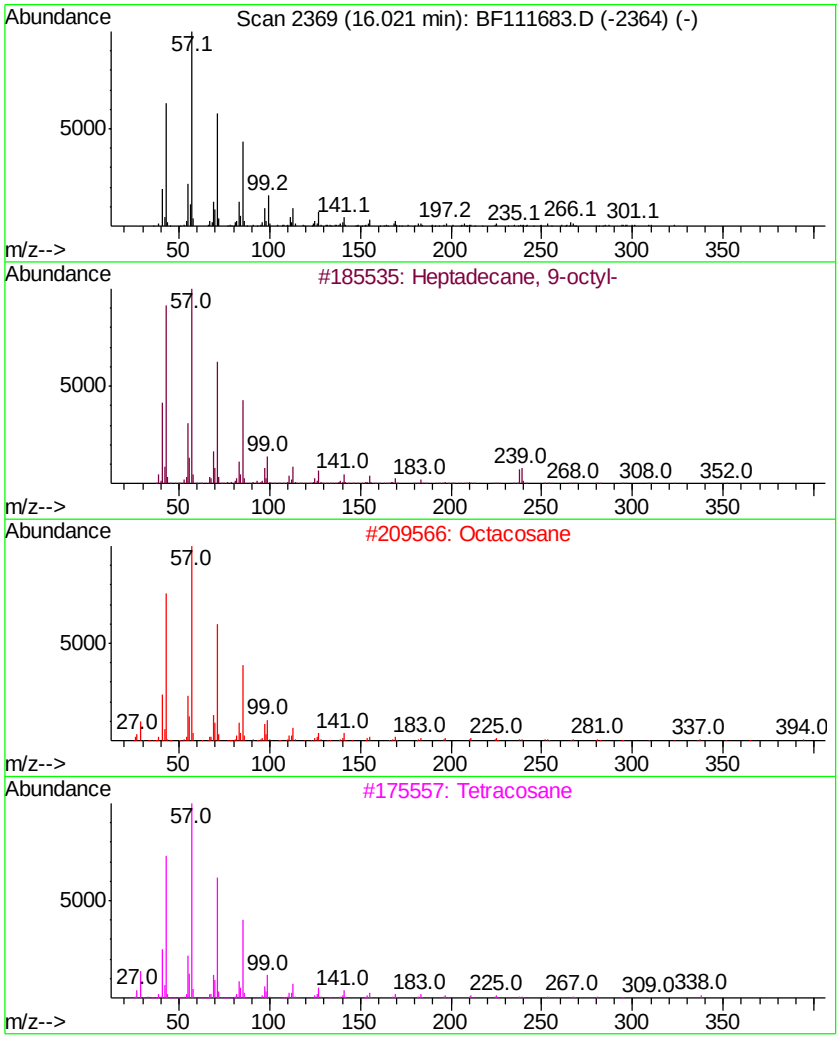
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

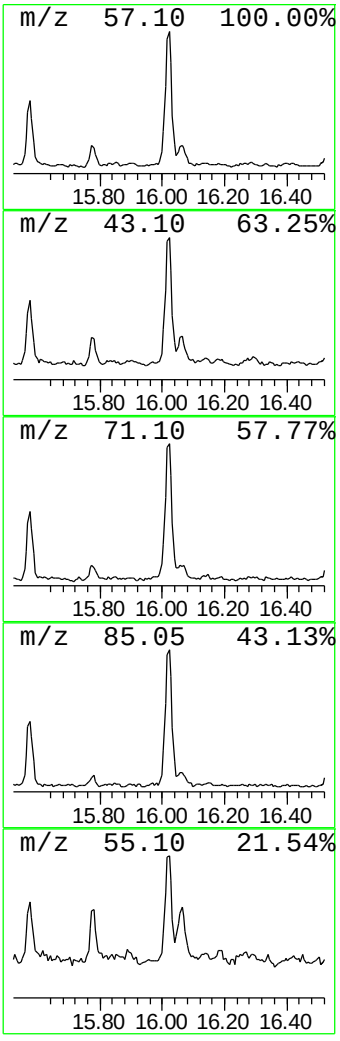
****

Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	9.75 ng	530153	Perylene-d12	15.53

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	Tetracosane	338	C24H50	000646-31-1	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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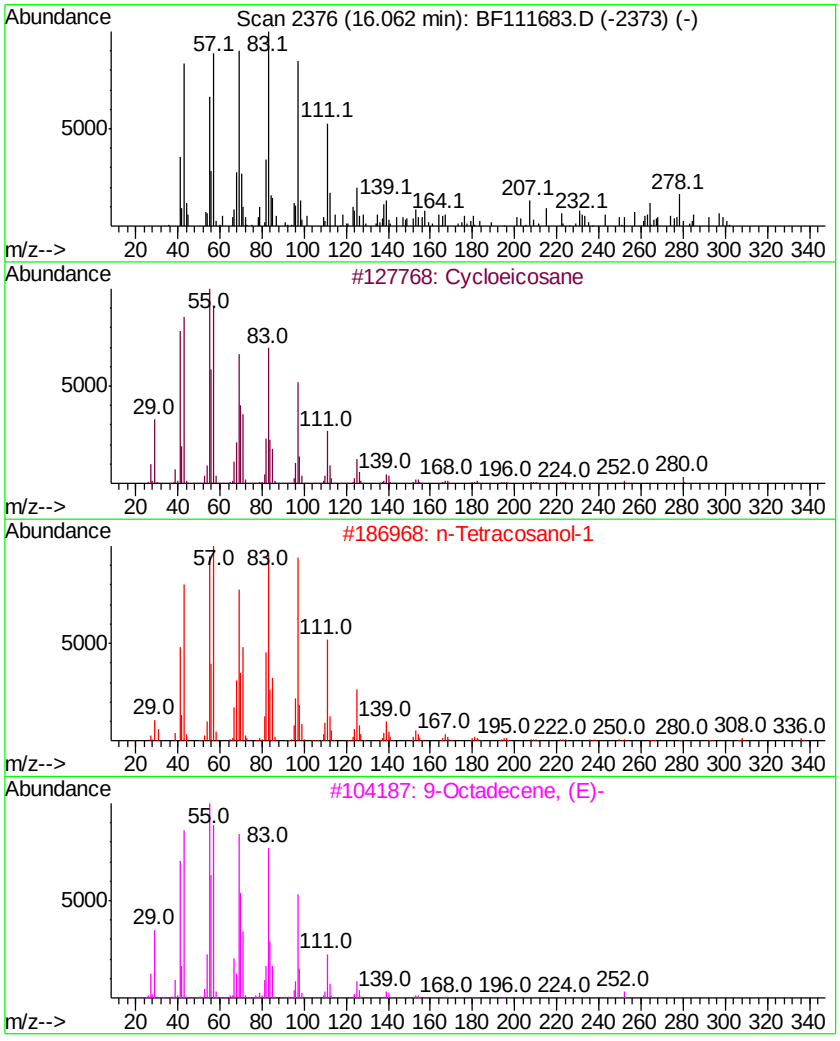
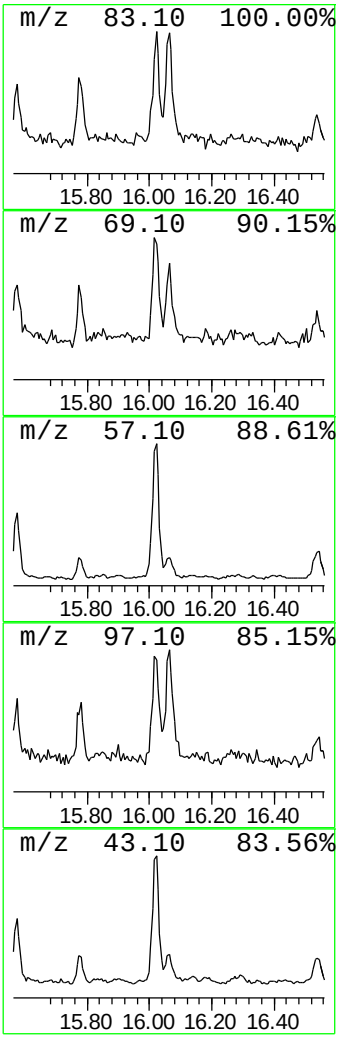
Peak Number 15 Cycloeicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.50 ng	190030	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	53
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	52
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	52
4	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	49
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	46





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Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

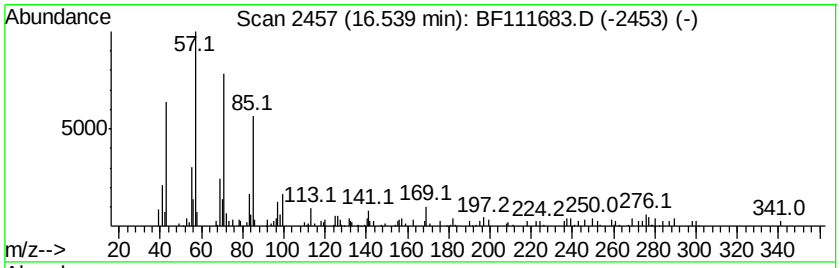
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

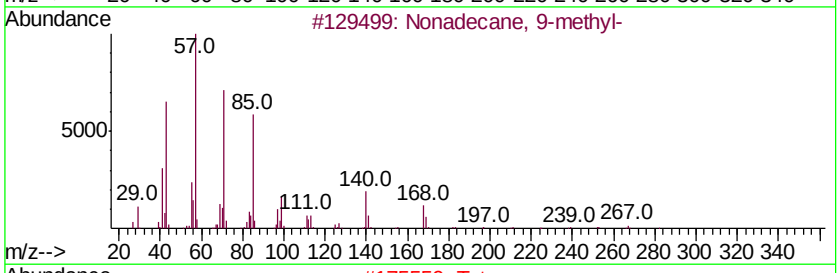
****

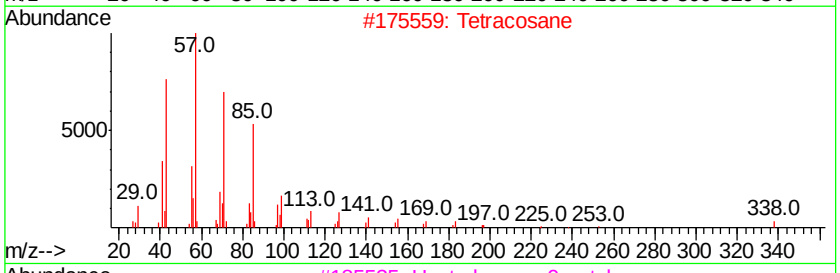
Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 18

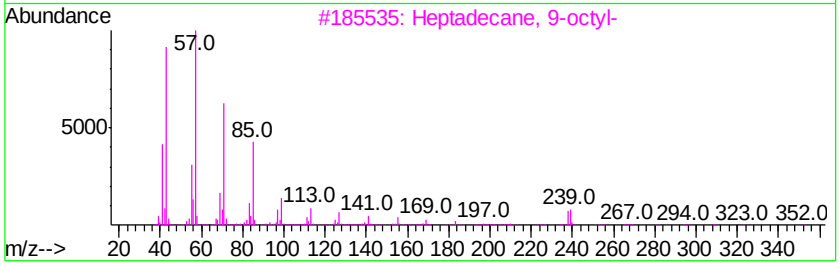
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.14 ng	116579	Perylene-d12	15.53

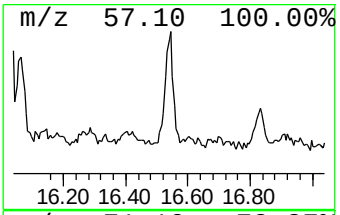
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Tetracosane	338	C24H50	000646-31-1	68
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Heptadecane	240	C17H36	000629-78-7	64

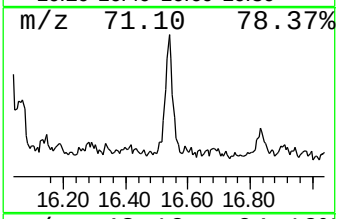


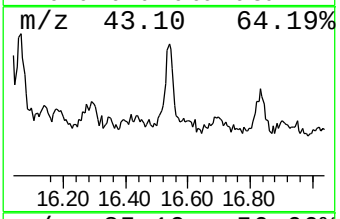


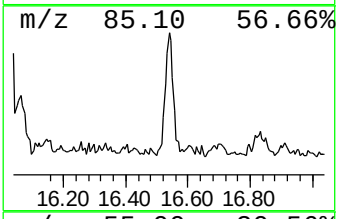


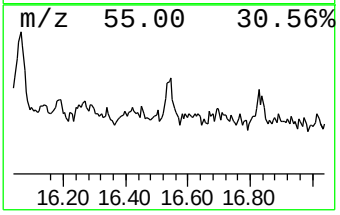












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Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

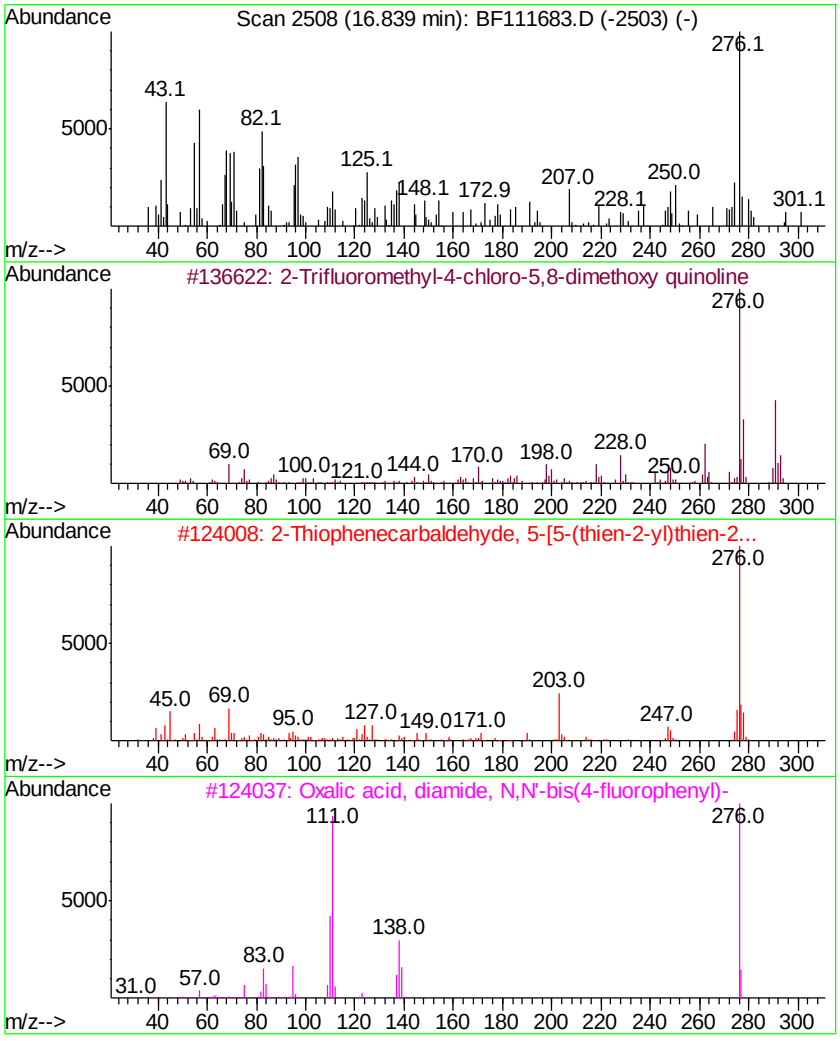
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

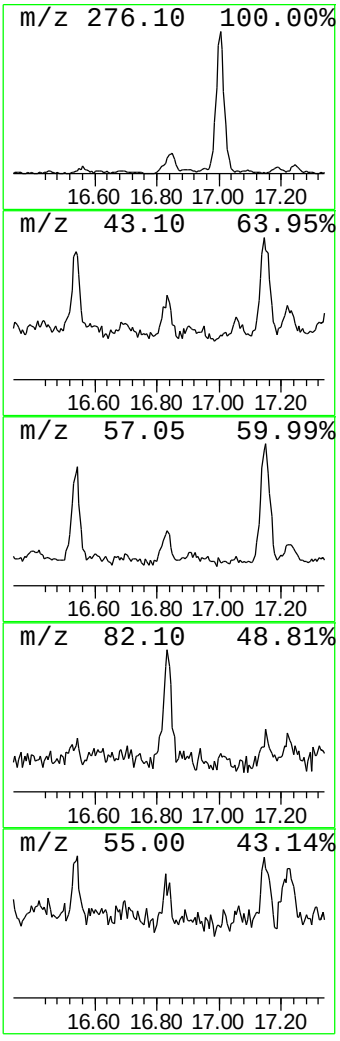
****

Peak Number 17 unknown16.84 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.32 ng	125933	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Trifluoromethyl-4-chloro-5,8-d...	291	C12H9ClF3NO2	041192-87-4	43
2	2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	43
3	Oxalic acid, diamide, N,N'-bis(4...	276	C14H10F2N2O2	1000309-42-9	38
4	2-(p-Tolyl)oxazolo[4,5-c]quinoli...	276	C17H12N2O	148563-22-8	38
5	12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	37





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Sample : J6378-16
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ALS Vial : 4 Sample Multiplier: 1

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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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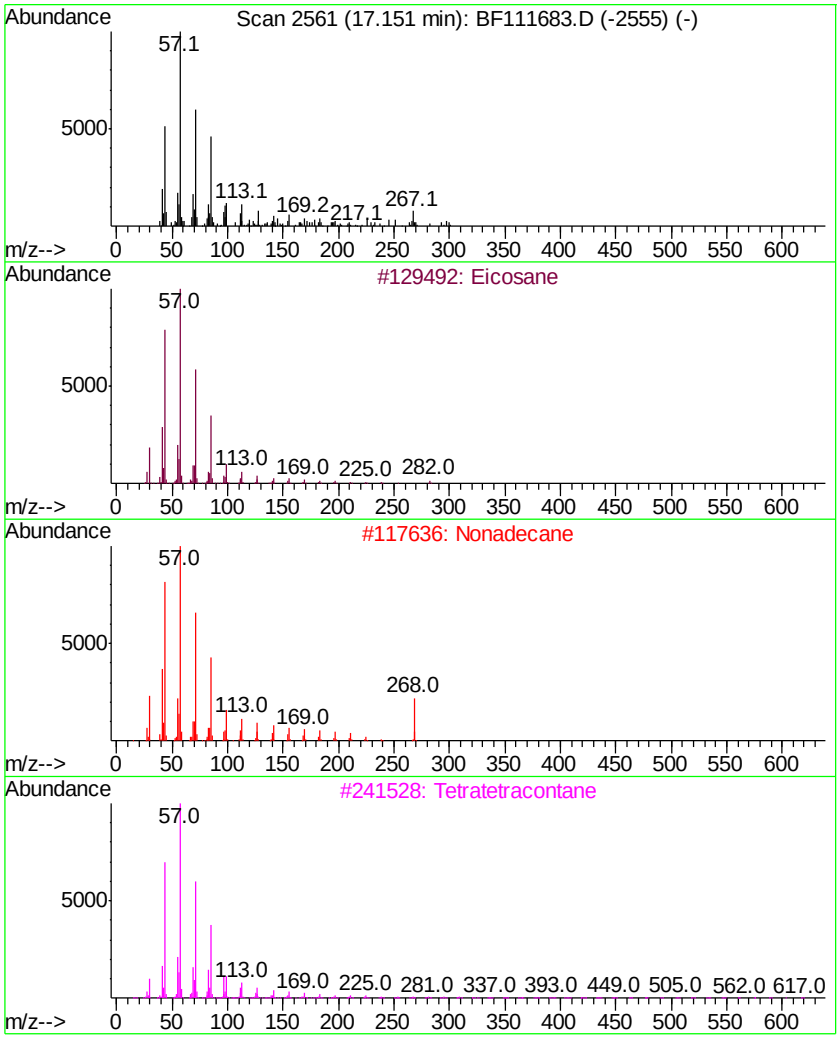
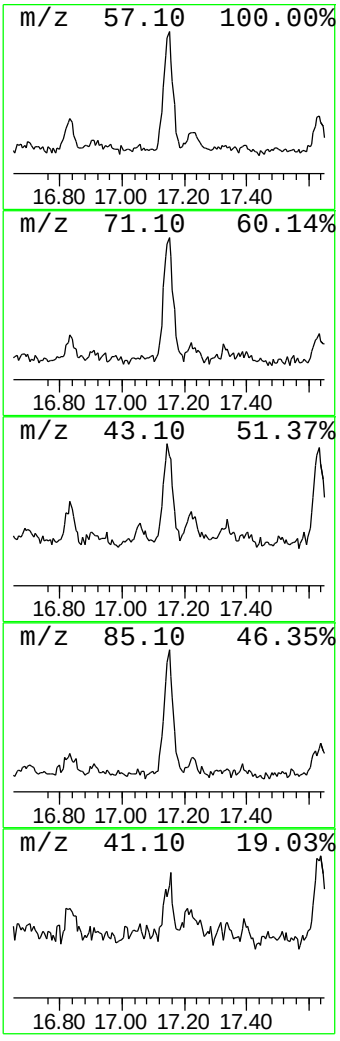
Peak Number 18 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	3.76 ng	204250	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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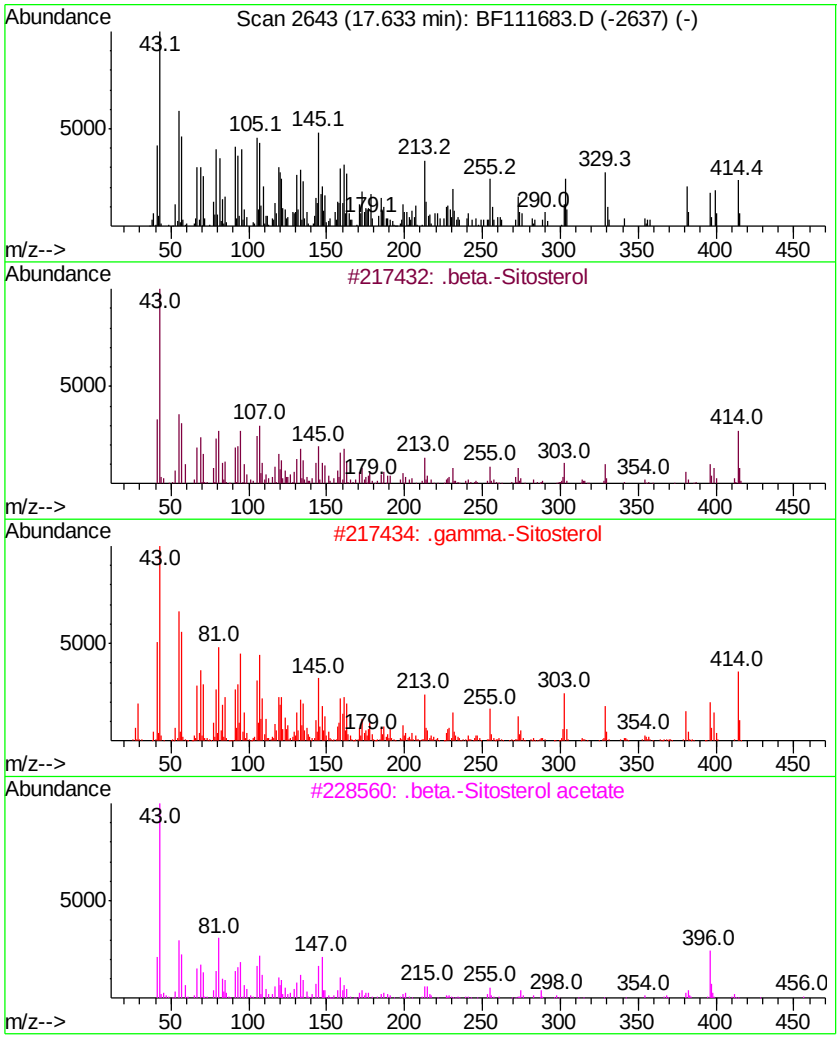
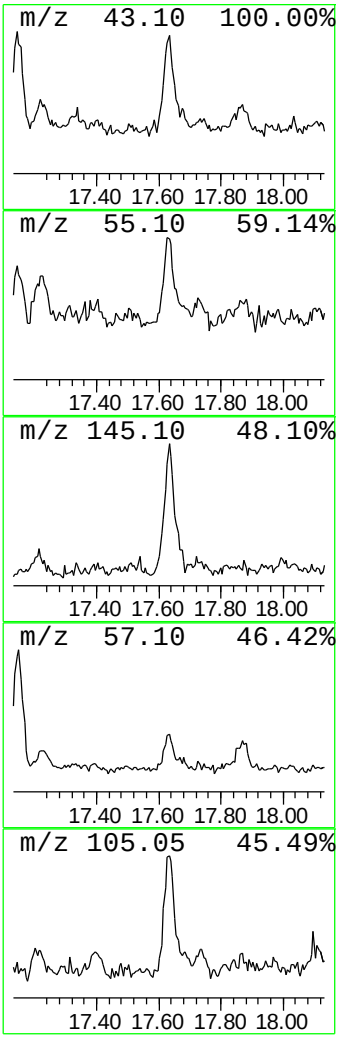
Peak Number 19 .beta.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	8.40 ng	456863	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	64
3	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	43
4	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	38
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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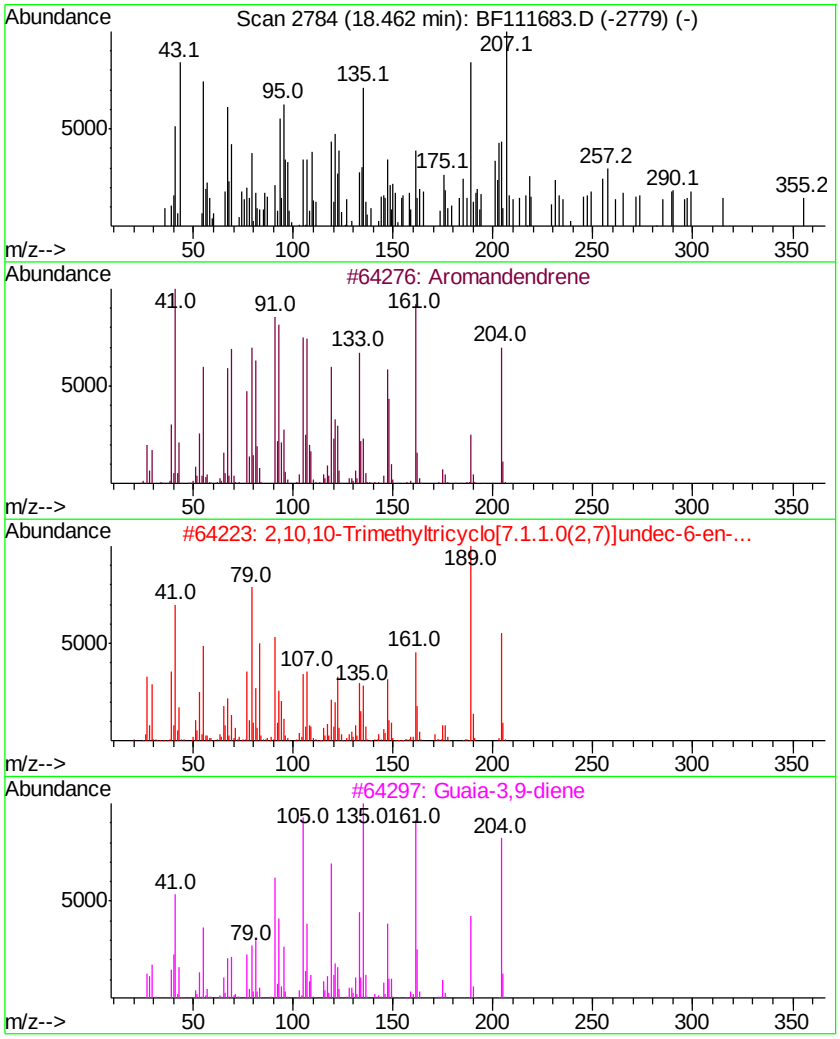
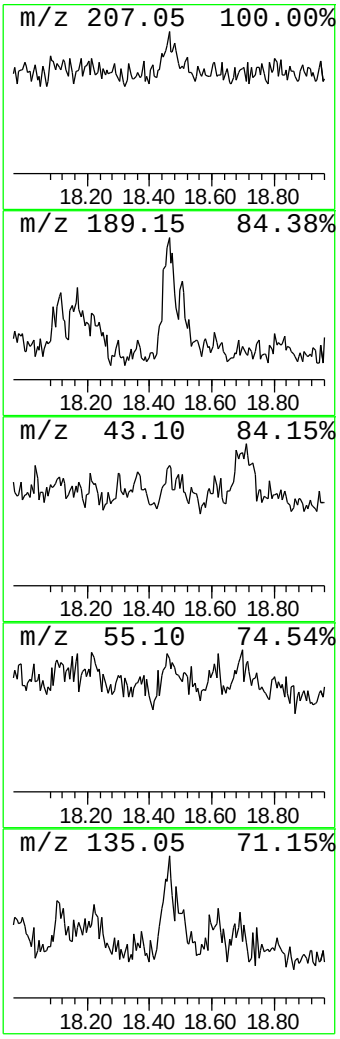
Peak Number 20 Aromandendrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.08 ng	113058	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aromandendrene	204	C15H24	000489-39-4	53
2	2,10,10-Trimethyltricyclo[7.1.1....	204	C14H20O	1000210-81-9	53
3	Guaia-3,9-diene	204	C15H24	000489-83-8	38
4	Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	38
5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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...	5.12	4.6	ng	264792	1	6.90	1160040	20.0
unknown6.67	6.67	86.2	ng	4999730	1	6.90	1160040	20.0
n-Hexadecanoic acid	11.95	12.2	ng	962206	4	11.42	1578160	20.0
Octadecanoic acid	12.73	10.6	ng	835120	4	11.42	1578160	20.0
Behenic alcohol	13.89	5.1	ng	376346	5	14.05	1478970	20.0
Octadecane	14.53	4.8	ng	351923	5	14.05	1478970	20.0
Tetracosane	14.84	4.5	ng	244125	6	15.53	1087180	20.0
Supraene	14.92	2.1	ng	112683	6	15.53	1087180	20.0
Octadecanal	14.99	2.8	ng	149497	6	15.53	1087180	20.0
Benzo[e]pyrene	15.40	4.3	ng	231070	6	15.53	1087180	20.0
Oxirane, heptadecyl-	15.77	2.4	ng	130745	6	15.53	1087180	20.0
Heptadecane, 9-oc...	16.02	9.8	ng	530153	6	15.53	1087180	20.0
Cycloeicosane	16.06	3.5	ng	190030	6	15.53	1087180	20.0
Nonadecane, 9-met...	16.54	2.1	ng	116579	6	15.53	1087180	20.0
unknown16.84	16.84	2.3	ng	125933	6	15.53	1087180	20.0
Eicosane	17.15	3.8	ng	204250	6	15.53	1087180	20.0
.beta.-Sitosterol	17.63	8.4	ng	456863	6	15.53	1087180	20.0
Aromandendrene	18.46	2.1	ng	113058	6	15.53	1087180	20.0