LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

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-BF083019.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	5.463	569	574	577	rBV	2524554	2305238	77.41%	6.331%
2	6.134	685	688	695	rVB	131387	120978	4.06%	0.332%
3	6.475	741	746	749	rBV	2601752	2537439	85.21%	6.968%
4	6.557	757	760	766	rBV	193463	153763	5.16%	0.422%
5	6.616	766	770	773	rBV	2888461	2530775	84.98%	6.950%
6	6.845	806	809	813	rBV	838509	633735	21.28%	1.740%
7	7.004	832	836	839	rBV	2352302	1947930	65.41%	5.349%
8	7.404	899	904	907	rBV	1890982	1577578	52.97%	4.332%
9	7.822	970	975	982	rBV	36345	57997	1.95%	0.159%
10	8.128	1023	1027	1030	rBV	1055733	841740	28.27%	2.312%
11	9.204	1205	1210	1213	rBV	3444180	2977982	100.00%	8.178%
12	9.592	1273	1276	1279	rBV	277243	227042	7.62%	0.623%
13	9.881	1321	1325	1328	rBV	1175362	965213	32.41%	2.651%
14	10.663	1454	1458	1462	rBV	1848915	1662108	55.81%	4.564%
15	10.763	1472	1475	1477	rBV	44477	36560	1.23%	0.100%
16	10.916	1497	1501	1503	rBV	39594	36924	1.24%	0.101%
17	11.010	1513	1517	1524	rVB6	22573	34879	1.17%	0.096%
18	11.251	1556	1558	1562	rVB	89927	81029	2.72%	0.223%
19	11.357	1573	1576	1579	rBV	1031414	961847	32.30%	2.641%
20	11.380	1579	1580	1585	rVB	138387	113455	3.81%	0.312%
21	11.580	1611	1614	1618	rVB3	45978	49286	1.66%	0.135%
22	11.733	1636	1640	1642	rBV	82119	75100	2.52%	0.206%
23	11.851	1657	1660	1663	rBV2	43969	54842	1.84%	0.151%
24	11.892	1663	1667	1673	rVV	598536	566672	19.03%	1.556%
25	12.063	1692	1696	1698	rBV5	34161	36098	1.21%	0.099%
26	12.163	1708	1713	1718	rVB3	64232	90807	3.05%	0.249%
27	12.404	1751	1754	1757	rBV3	37078	36670	1.23%	0.101%
28	12.492	1766	1769	1772	rVB2	81392	75893	2.55%	0.208%
29	12.569	1777	1782	1784	rBV	457045	402636	13.52%	1.106%
30	12.592	1784	1786	1790	rVV	129862	154721	5.20%	0.425%
31	12.627	1790	1792	1796	rVB	113366	93089	3.13%	0.256%
32	12.675	1796	1800	1810	rBV	660703	664292	22.31%	1.824%
33	12.798	1815	1821	1823	rVB	290533	300546	10.09%	0.825%
34	12.945	1841	1846	1849	rVB	3053125	2823795	94.82%	7.755%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.010	1852	1857	1861	rBV4	28411	57554	1.93%	0.158%
36	13.122	1870	1876	1878	rBV3	39660	64265	2.16%	0.176%
37	13.151	1878	1881	1884	rVV	84420	96815	3.25%	0.266%
38	13.180	1884	1886	1890	rVB2	48348	55484	1.86%	0.152%
39	13.227	1890	1894	1896	rBV3	32953	38671	1.30%	0.106%
40	13.286	1902	1904	1908	rBV4	44416	46255	1.55%	0.127%
41	13.392	1919	1922	1923	rBV	62337	56021	1.88%	0.154%
42	13.422	1923	1927	1932	rVB2	301598	288061	9.67%	0.791%
43	13.498	1937	1940	1942	rBV4	38553	45338	1.52%	0.125%
44	13.633	1959	1963	1968	rVB2	153141	153248	5.15%	0.421%
45	13.739	1977	1981	1984	rBV2	35971	49318	1.66%	0.135%
46	13.833	1994	1997	2004	rBV	624092	686637	23.06%	1.886%
47	13.992	2016	2024	2026	rBV2	836415	959559	32.22%	2.635%
48	14.016	2026	2028	2030	rVB	149254	113722	3.82%	0.312%
49	14.163	2049	2053	2058	rBV2	98203	123879	4.16%	0.340%
50	14.280	2070	2073	2075	rBV	94063	73800	2.48%	0.203%
51	14.469	2098	2105	2112	rBV	452577	556185	18.68%	1.527%
52	14.521	2112	2114	2118	rVB4	60386	60354	2.03%	0.166%
53	14.674	2137	2140	2144	rBV5	31785	36269	1.22%	0.100%
54	14.768	2153	2156	2165	rVV	112390	143503	4.82%	0.394%
55	14.845	2165	2169	2176	rVV	198710	211408	7.10%	0.581%
56	14.910	2176	2180	2187	rVB	317192	331874	11.14%	0.911%
57	15.016	2194	2198	2201	rBV	157586	226393	7.60%	0.622%
58	15.104	2209	2213	2215	rBV	419133	506810	17.02%	1.392%
59	15.127	2215	2217	2223	rVB	357001	391594	13.15%	1.075%
60	15.268	2239	2241	2245	rVB4	38146	36035	1.21%	0.099%
61	15.316	2246	2249	2253	rVV	82009	91074	3.06%	0.250%
62	15.380	2256	2260	2265	rVB	102504	125479	4.21%	0.345%
63	15.445	2266	2271	2274	rBV	587084	726899	24.41%	1.996%
64	15.480	2274	2277	2281	rVB2	96044	115926	3.89%	0.318%
65	15.680	2306	2311	2315	rBV	208424	283798	9.53%	0.779%
66	15.798	2328	2331	2338	rVB3	52690	82676	2.78%	0.227%
67	15.915	2346	2351	2354	rBV	226600	345168	11.59%	0.948%
68	15.963	2354	2359	2367	rVB	237059	427398	14.35%	1.174%
69	16.080	2375	2379	2386	rVB6	51885	98392	3.30%	0.270%
70	16.145	2387	2390	2393	rBV5	36737	51479	1.73%	0.141%
71	16.321	2417	2420	2427	rVB8	48543	75700	2.54%	0.208%

LSC Area Percent Report

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Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.415	2433	2436	2440	rVB2	42827	61894	2.08%	0.170%
73	16.551	2455	2459	2465	rVB8	36952	73119	2.46%	0.201%
74	16.698	2478	2484	2491	rBV4	213988	421948	14.17%	1.159%
75	16.780	2492	2498	2507	rVB4	75566	208889	7.01%	0.574%
76	16.880	2510	2515	2519	rBV3	68523	132065	4.43%	0.363%
77	17.010	2532	2537	2542	rVB2	60819	112966	3.79%	0.310%
78	17.080	2542	2549	2558	rVV6	180316	459794	15.44%	1.263%
79	17.174	2561	2565	2574	rVB7	52111	115666	3.88%	0.318%
80	17.315	2584	2589	2592	rBV	29130	52067	1.75%	0.143%
81	17.480	2610	2617	2627	rBV3	258947	645750	21.68%	1.773%
82	17.815	2666	2674	2692	rBV6	175720	561590	18.86%	1.542%
83	18.109	2718	2724	2731	rVB3	69845	178180	5.98%	0.489%
84	18.504	2783	2791	2800	rVB4	122788	328593	11.03%	0.902%

Sum of corrected areas: 36414221

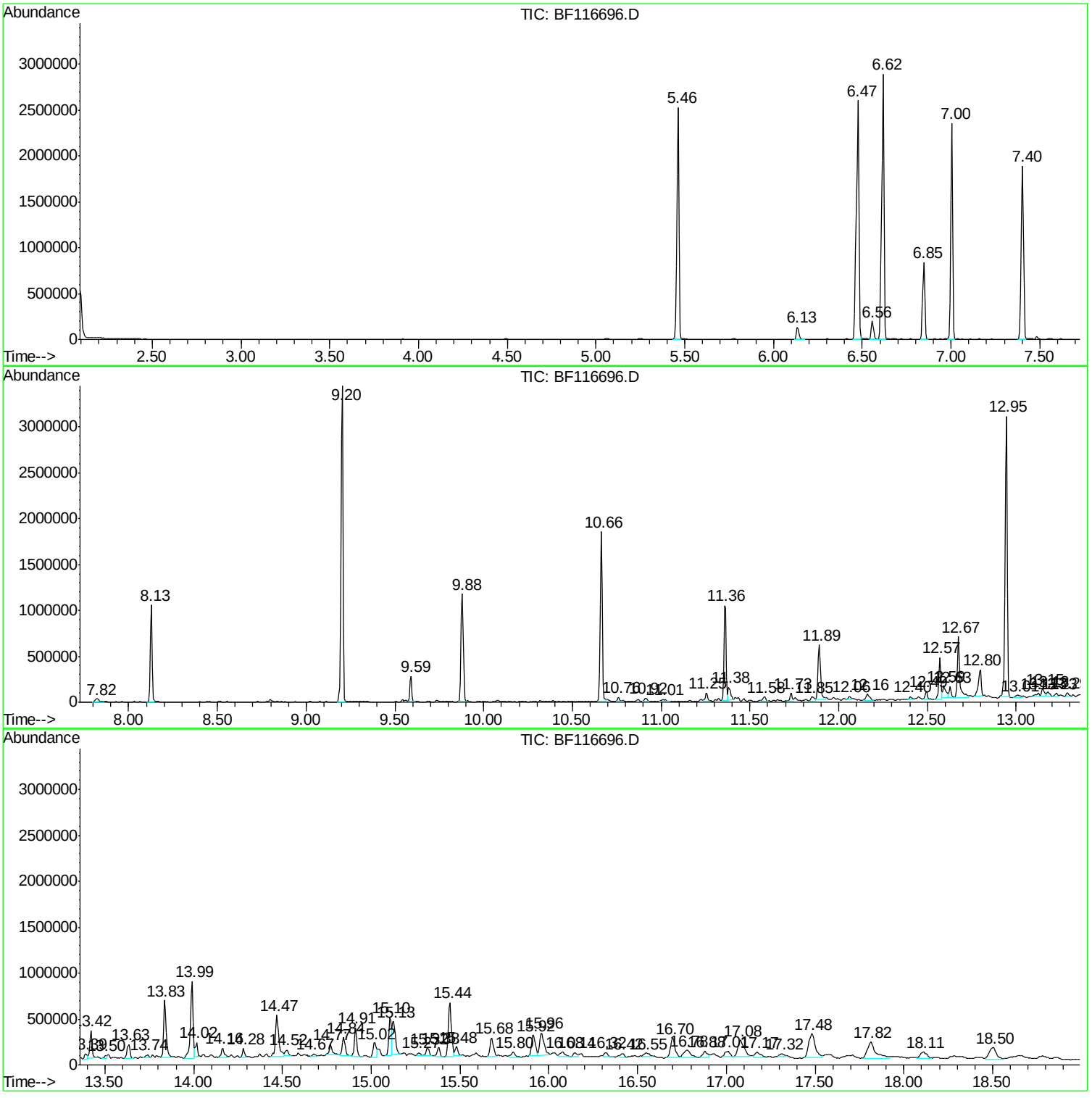
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

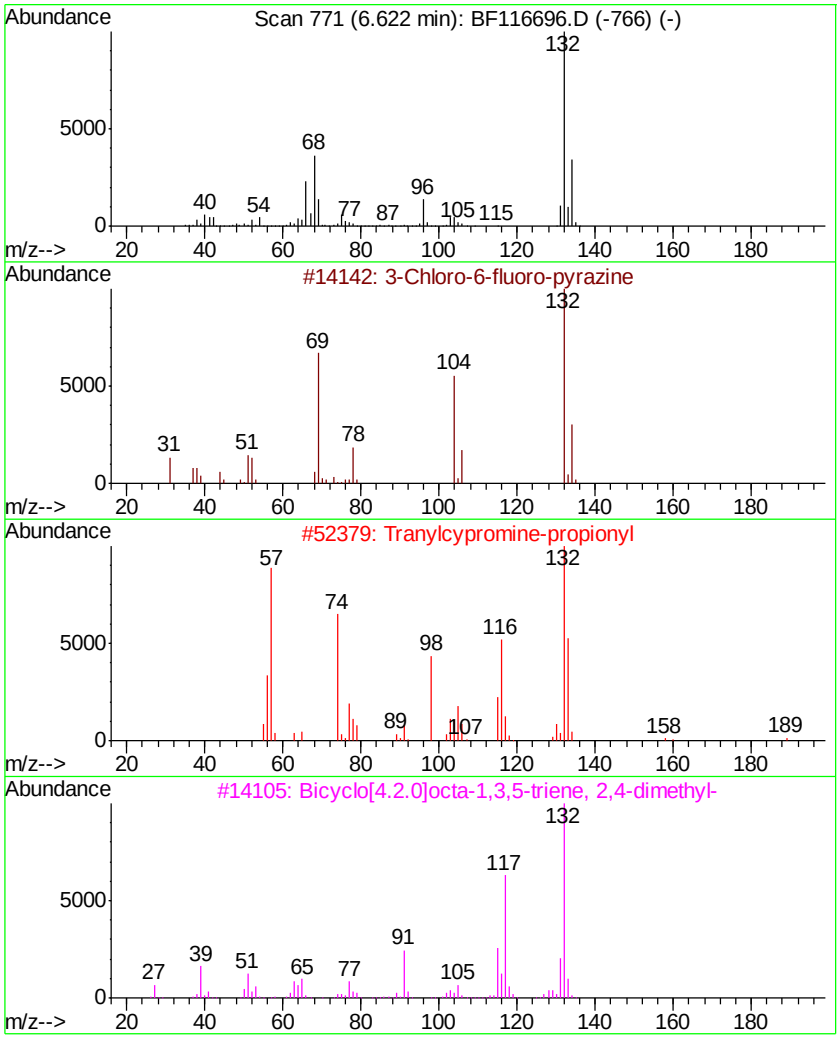
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

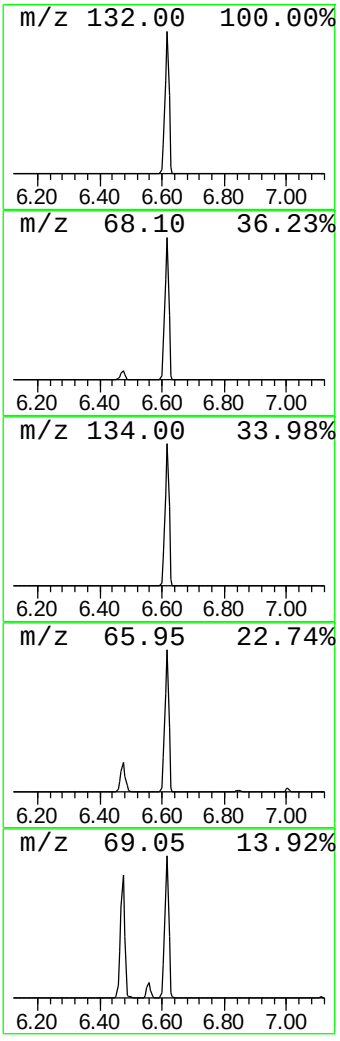
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	79.87 ng	2530780	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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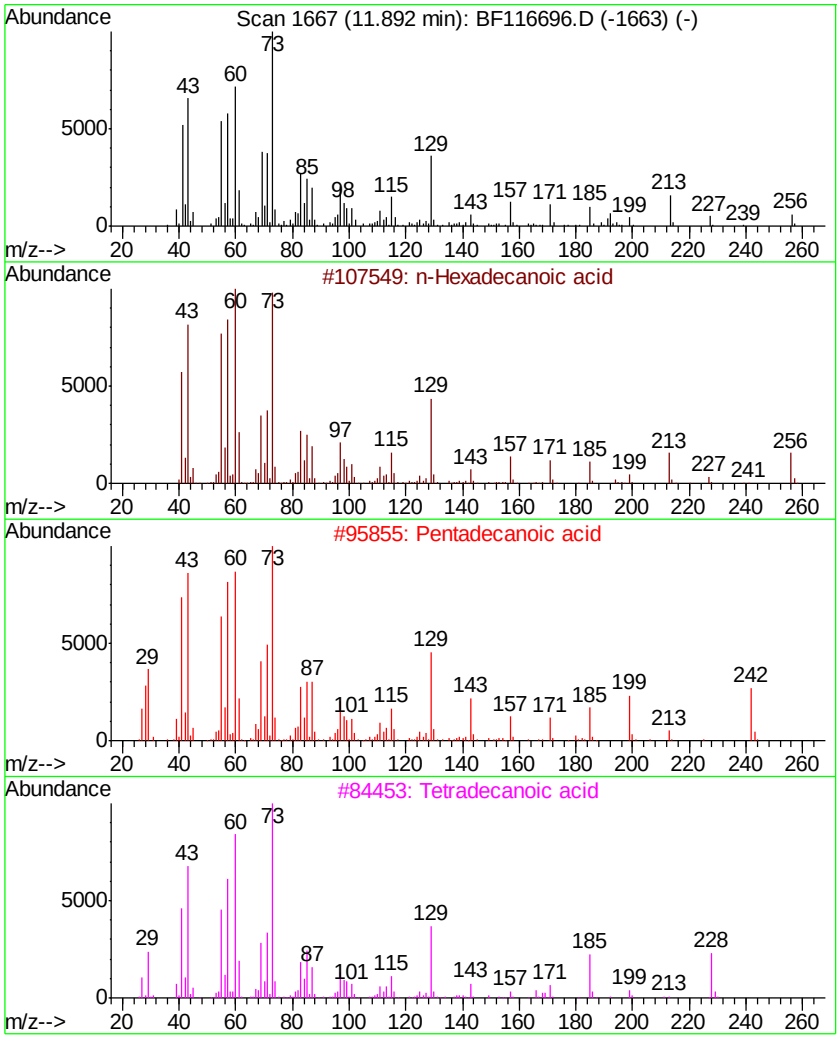
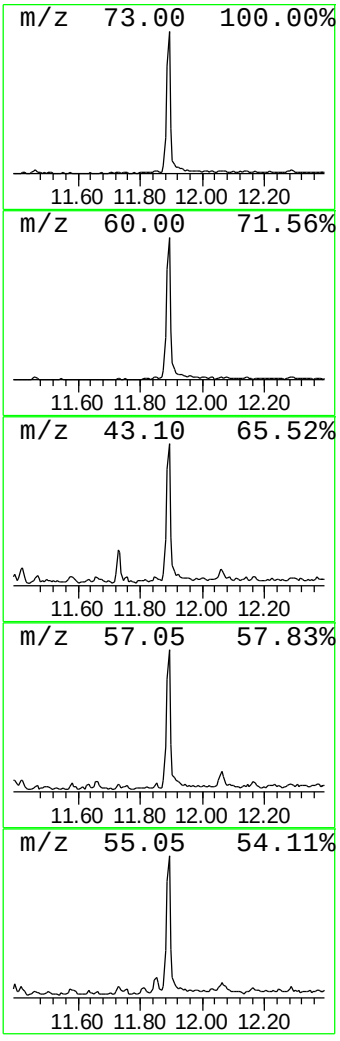
Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	11.78 ng	566672	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
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Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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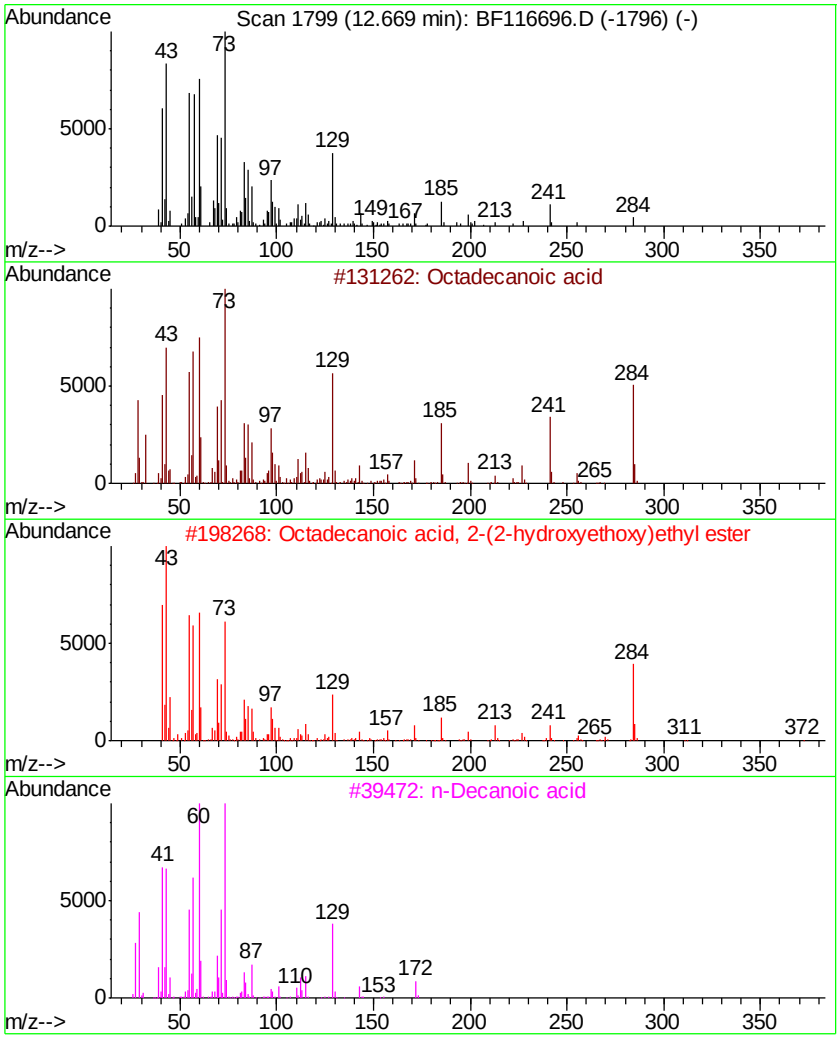
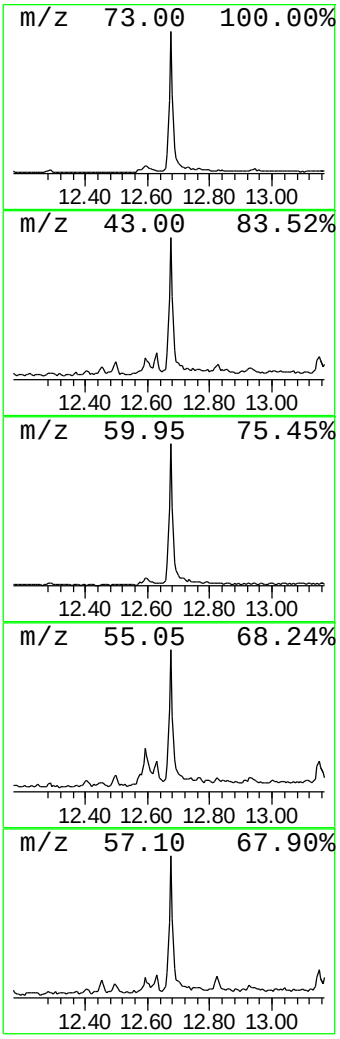
Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	13.81 ng	664292	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	35





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ClientSampleId : S700B1-N-0.0-0.5-083019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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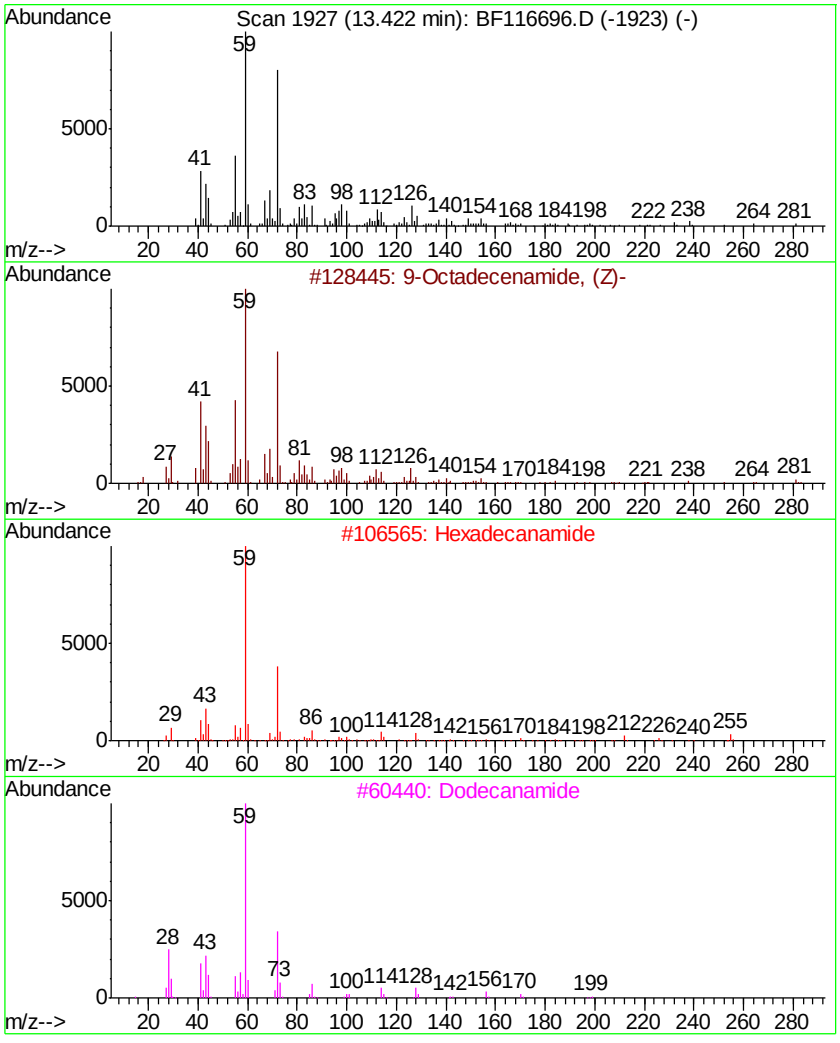
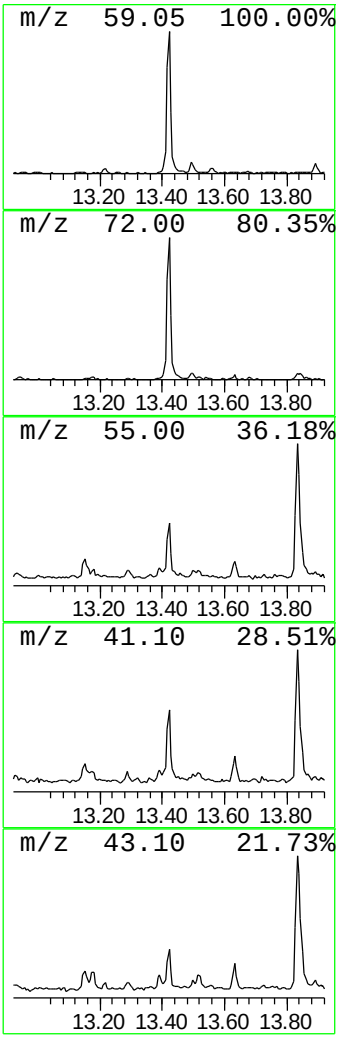
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	6.00 ng	288061	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	Hexadecanamide	255	C16H33NO	000629-54-9	56
3	Dodecanamide	199	C12H25NO	001120-16-7	53
4	Decanamide-	171	C10H21NO	002319-29-1	50
5	Tetradecanamide	227	C14H29NO	000638-58-4	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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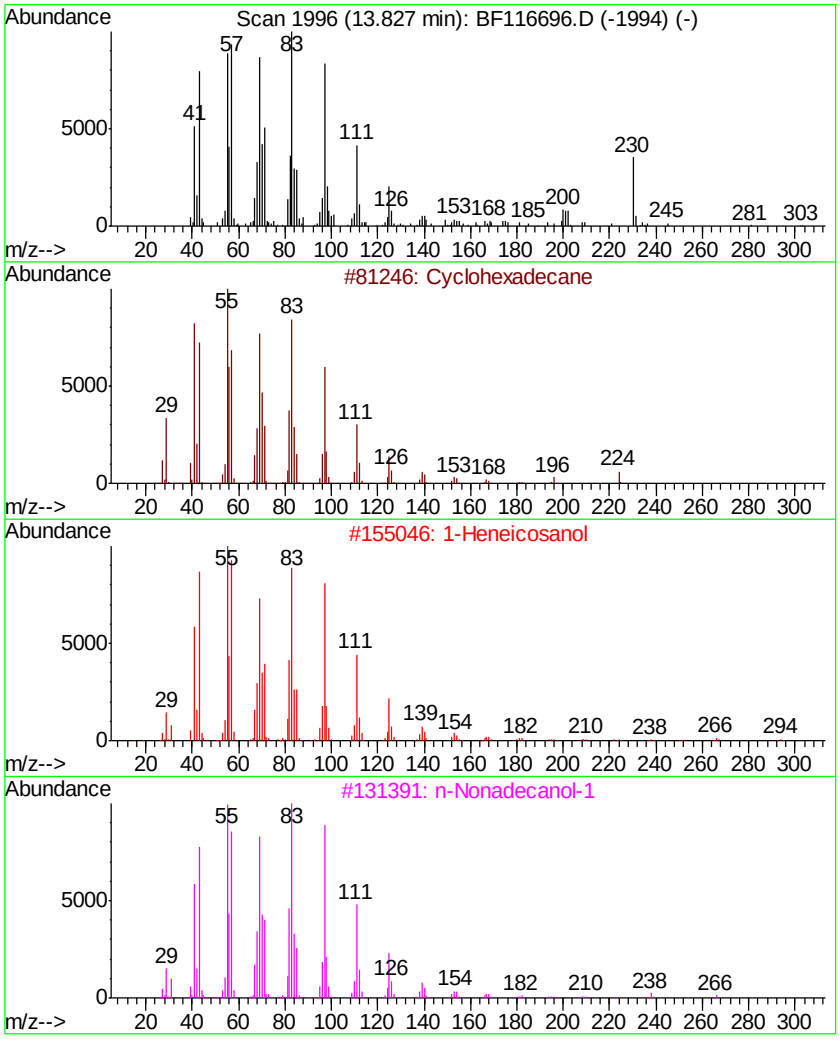
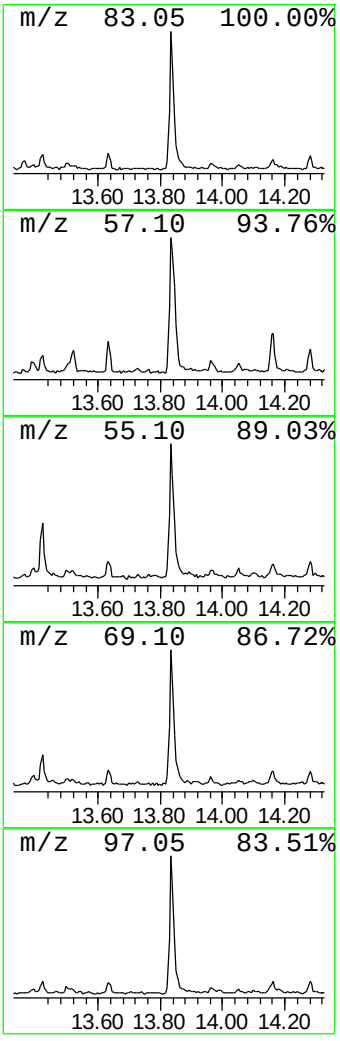
Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	14.31 ng	686637	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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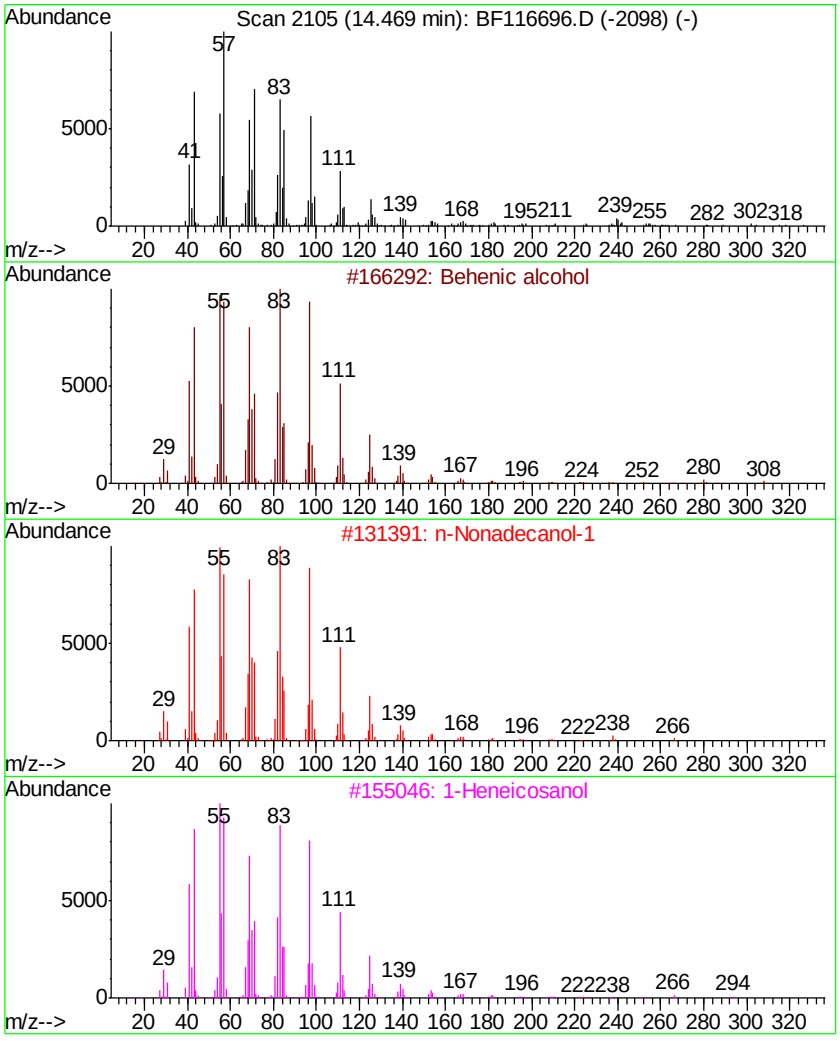
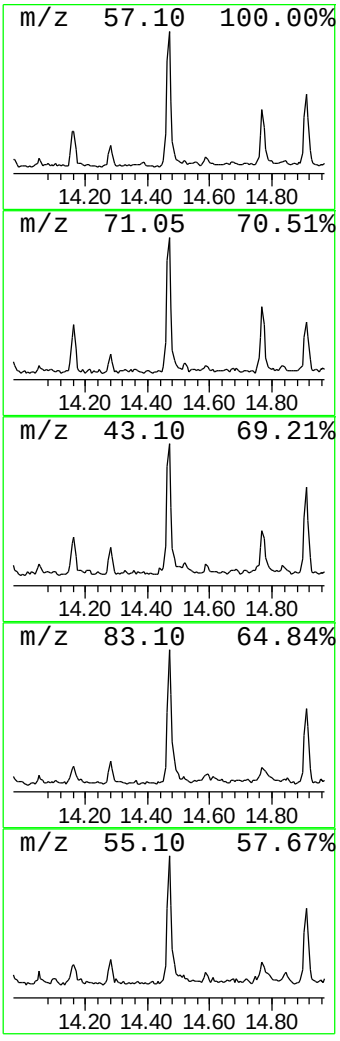
Peak Number 7 Behenic alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	11.59 ng	556185	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	92
3	1-Heneicosanol	312	C21H44O	015594-90-8	92
4	Heptadecane	240	C17H36	000629-78-7	83
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	76





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Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
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Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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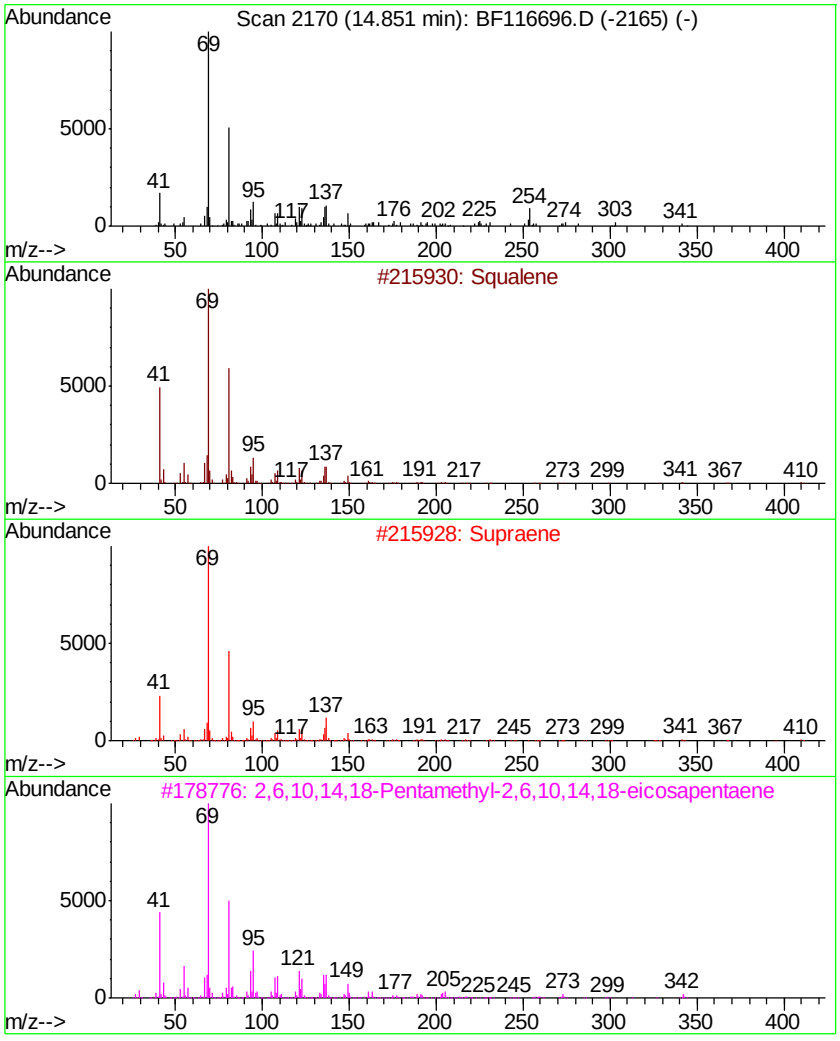
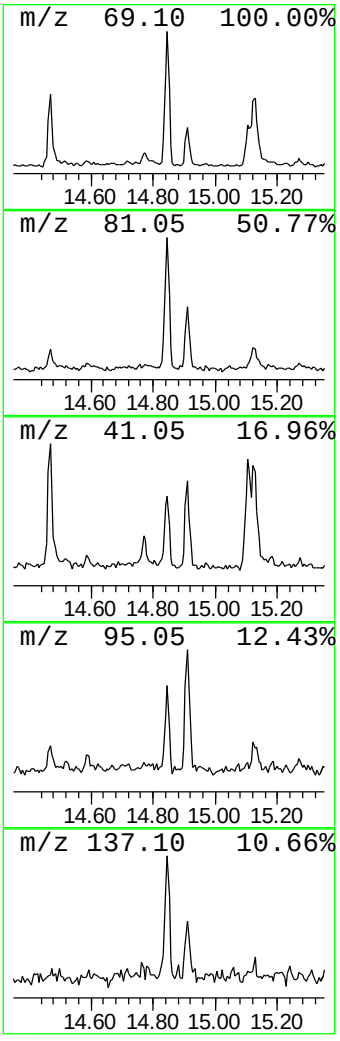
Peak Number 8 Squalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	5.82 ng	211408	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Supraene	410	C30H50	007683-64-9	87
3	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	64
4	trans-Farnesol	222	C15H26O	000106-28-5	59
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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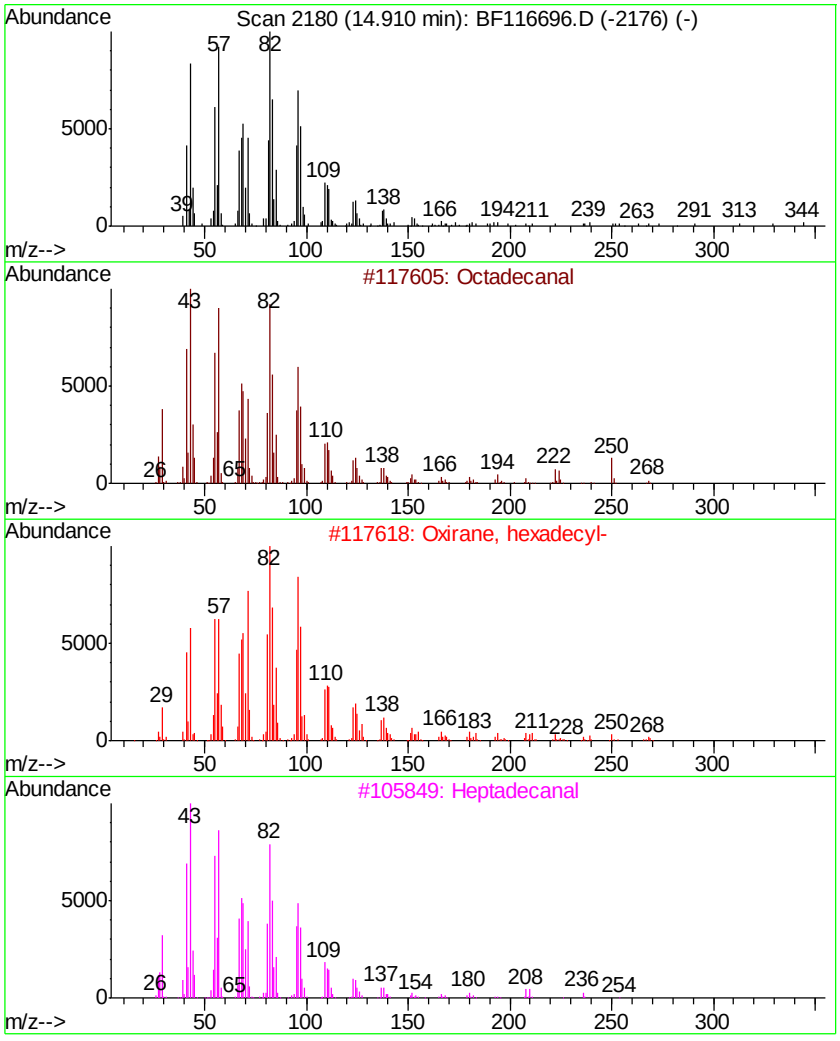
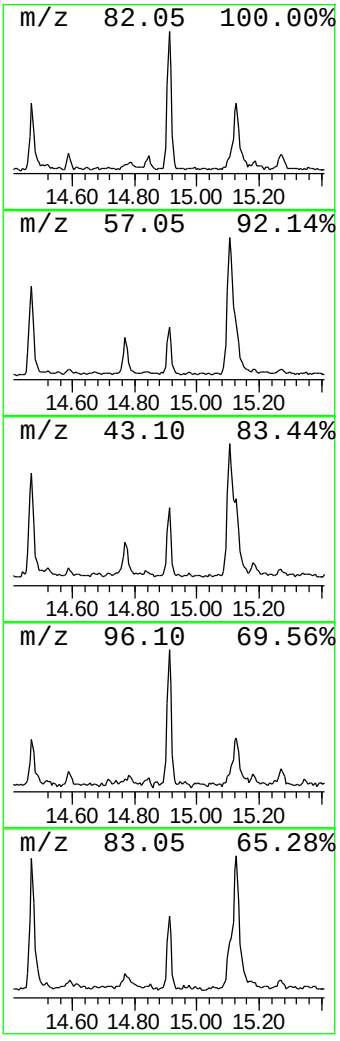
Peak Number 9 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	9.13 ng	331874	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Heptadecanal	254	C17H34O	1000376-70-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	17-Octadecenal	266	C18H34O	056554-86-0	91





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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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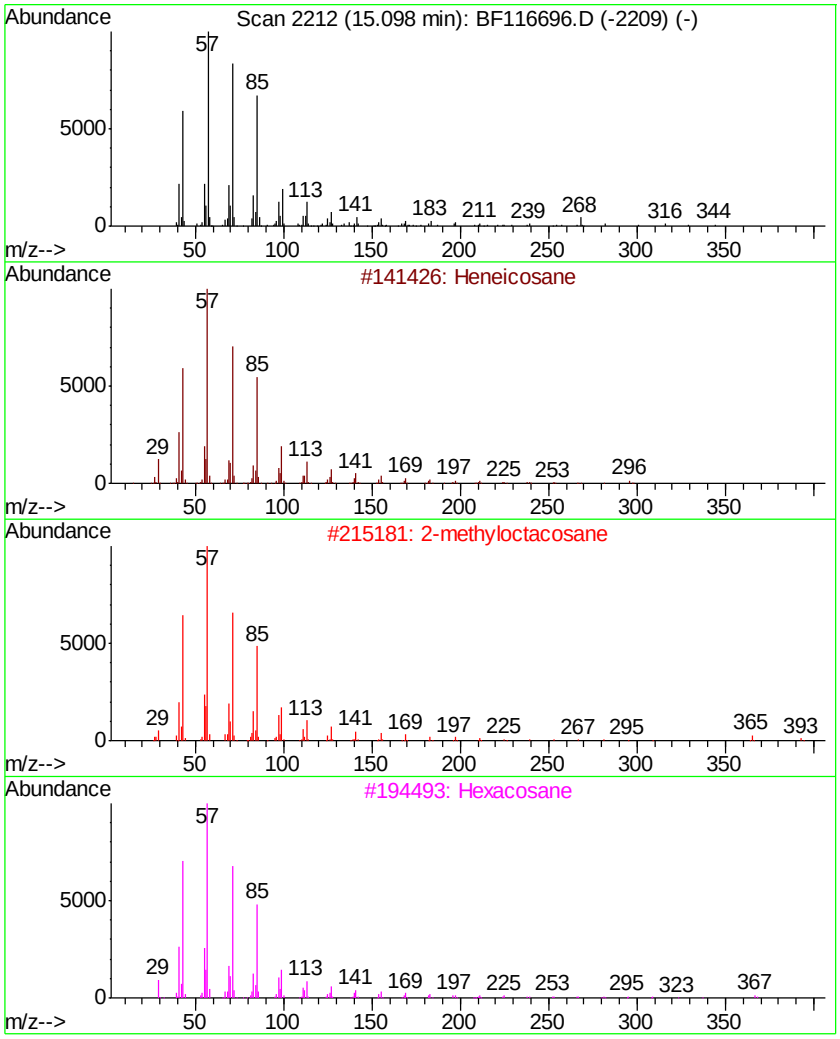
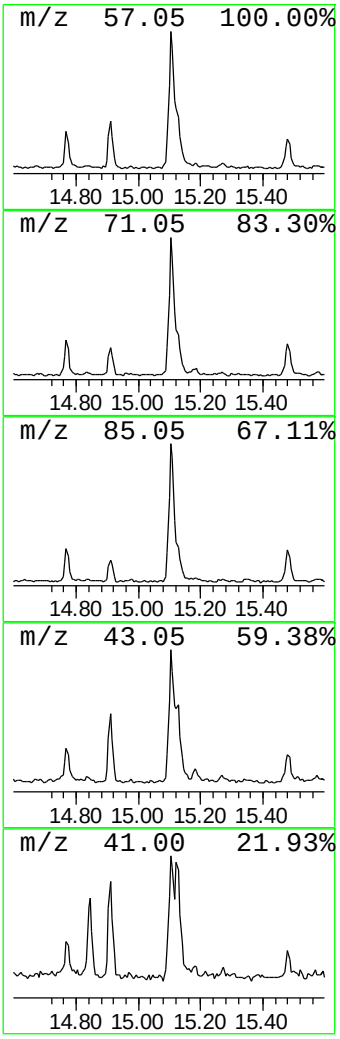
Peak Number 10 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	13.94 ng	506810	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

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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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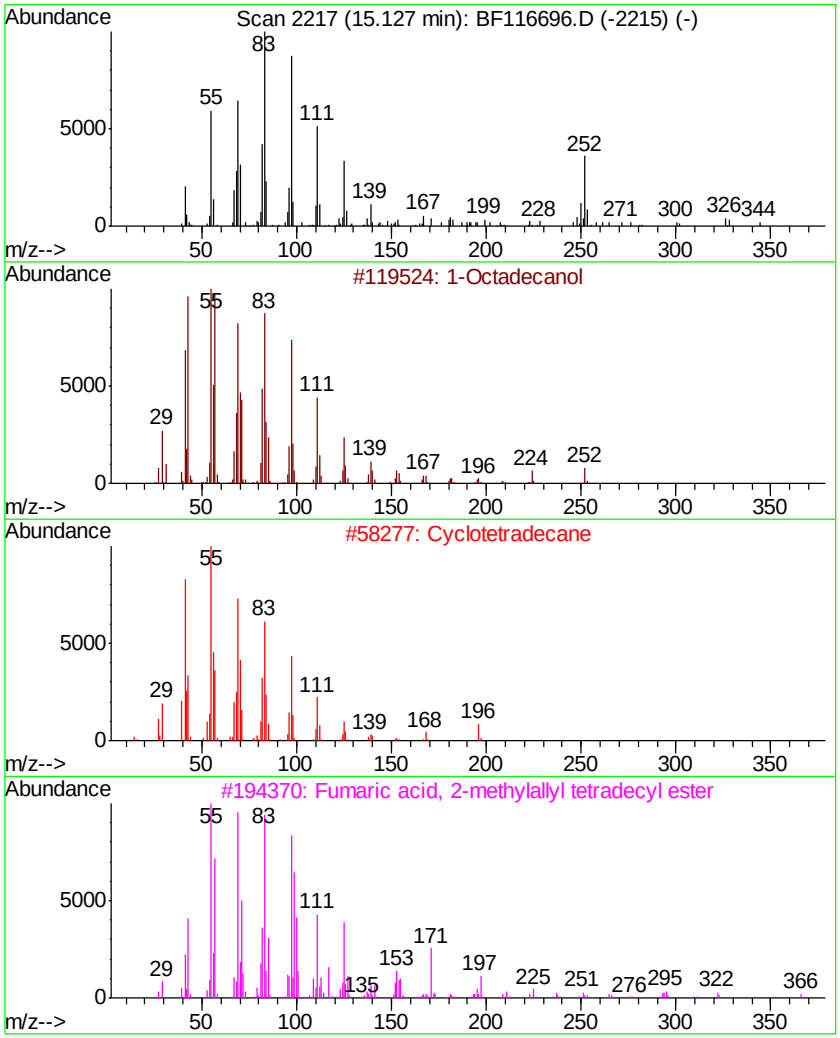
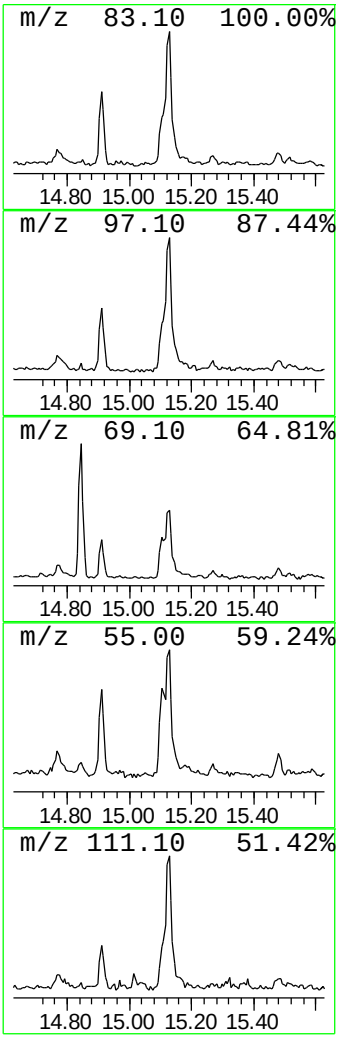
Peak Number 11 unknown15.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	10.77 ng	391594	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	46
2	Cyclotetradecane	196	C14H28	000295-17-0	38
3	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	38
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	35
5	1-Nonadecene	266	C19H38	018435-45-5	35





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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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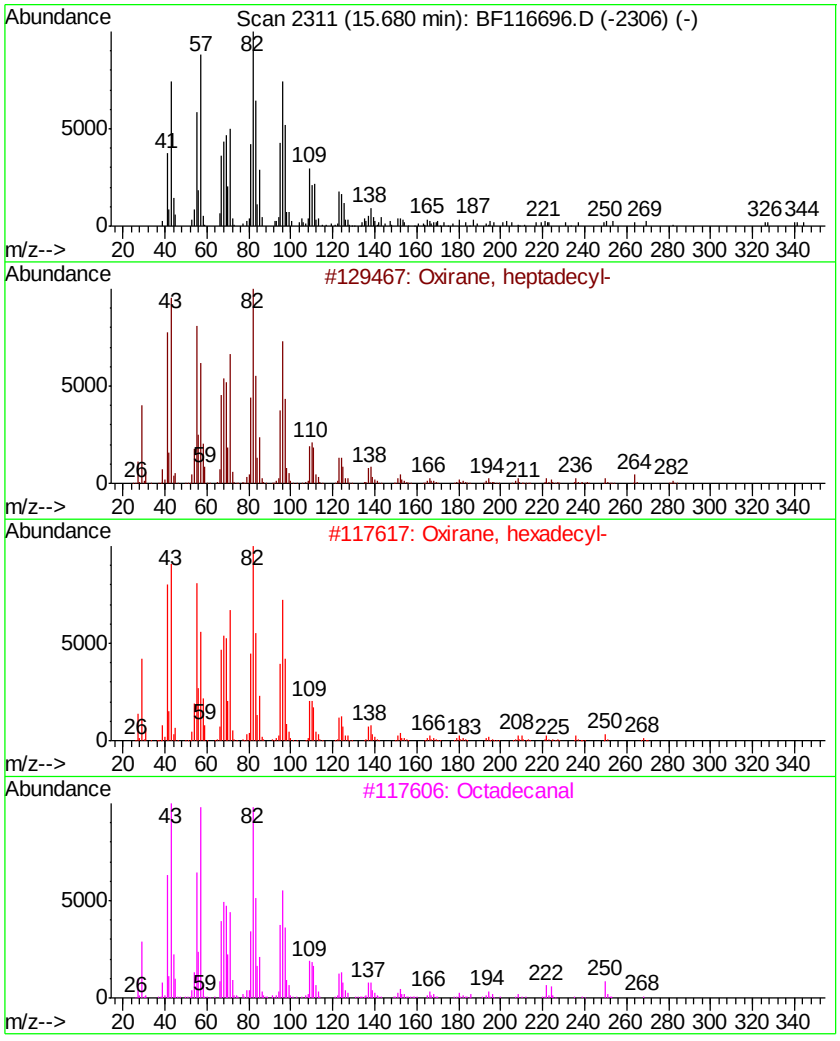
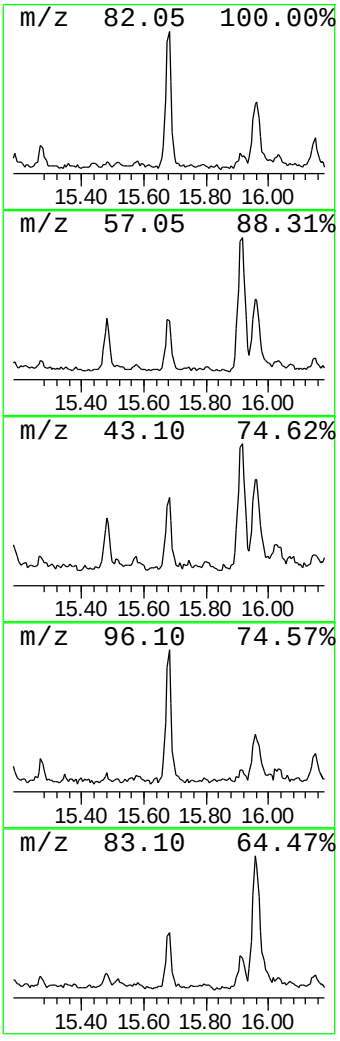
Peak Number 12 Oxirane, heptadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	7.81 ng	283798	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	17-Octadecenal	266	C18H34O	056554-86-0	90
5	Heptadecanal	254	C17H34O	1000376-70-0	90





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Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

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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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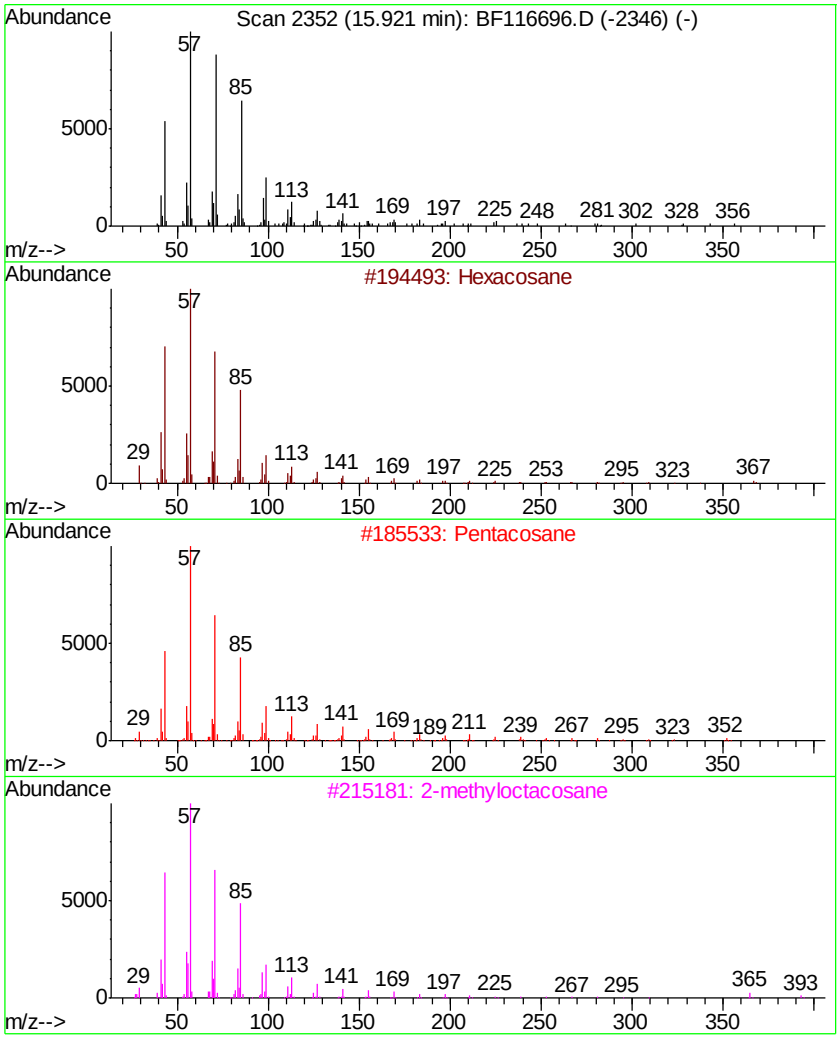
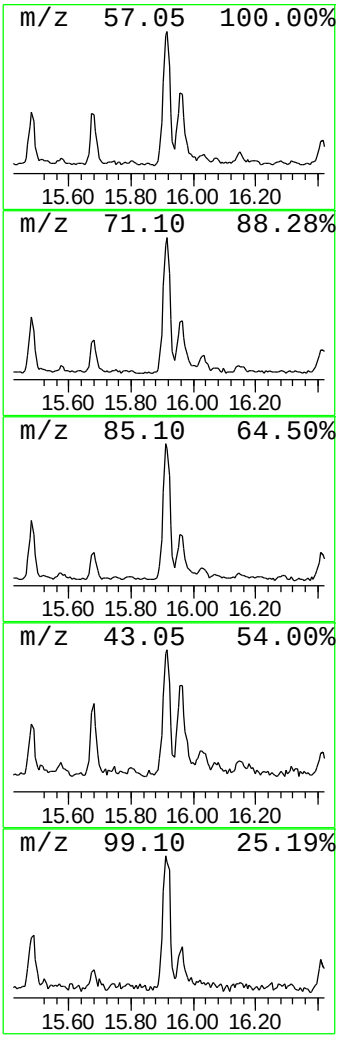
Peak Number 13 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	9.50 ng	345168	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Hentriacontane	437	C31H64	000630-04-6	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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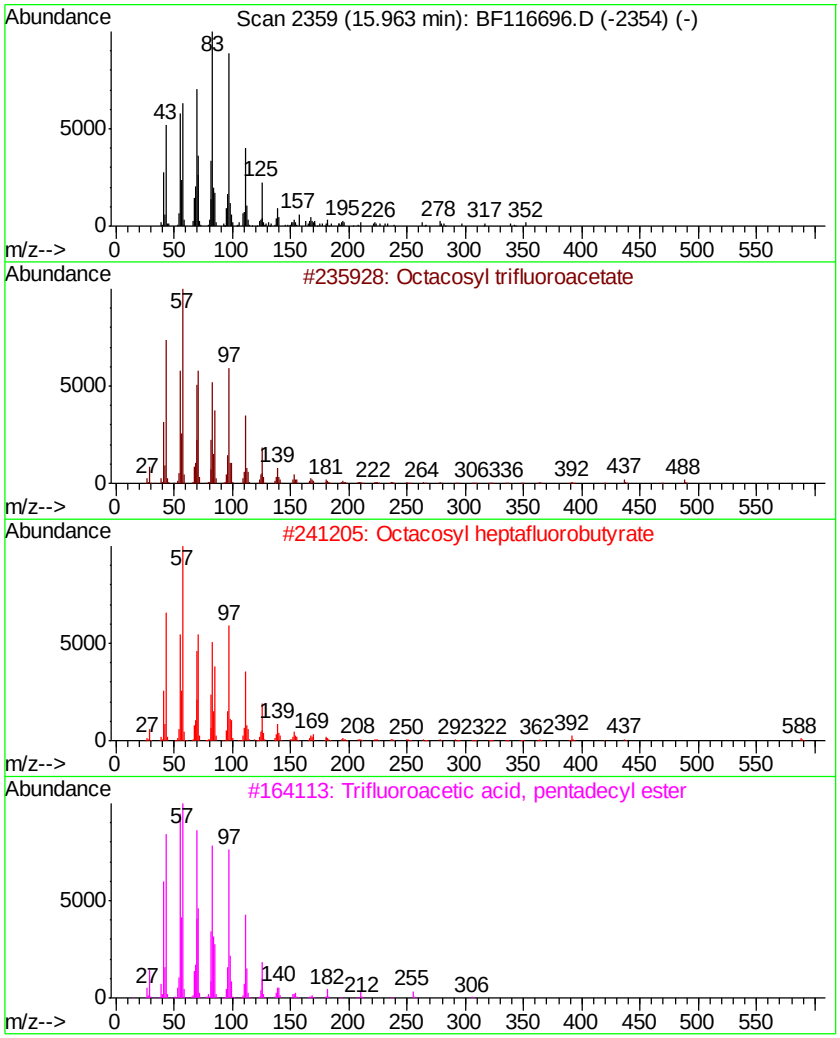
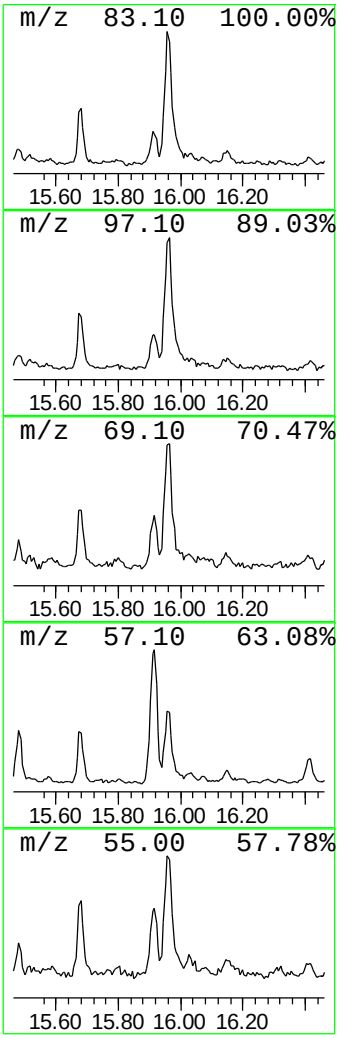
Peak Number 14 Octacosyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	11.76 ng	427398	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	80
2	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	72
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	49
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	49
5	Octacosanol	410	C28H58O	000557-61-9	49





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

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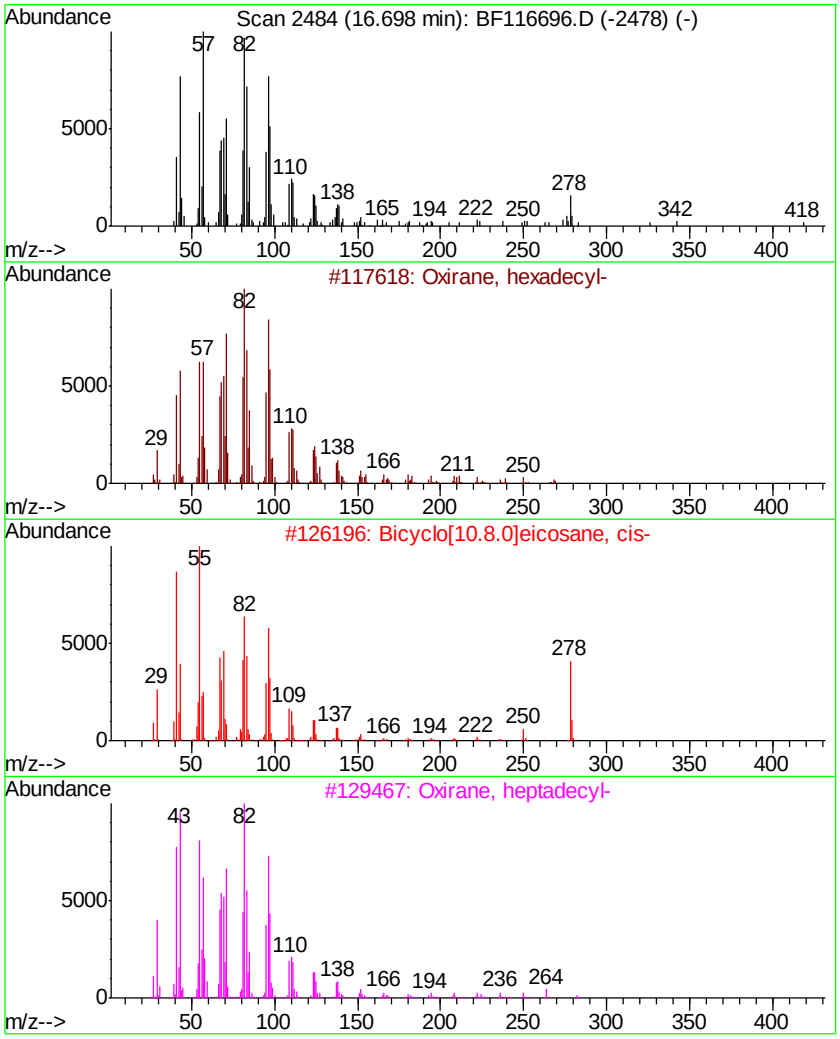
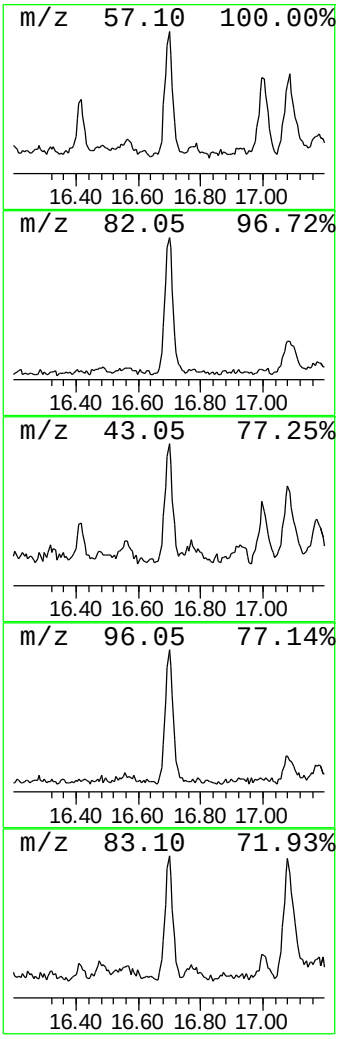
Peak Number 15 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	11.61 ng	421948	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Hexadecanal	240	C16H32O	000629-80-1	90





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

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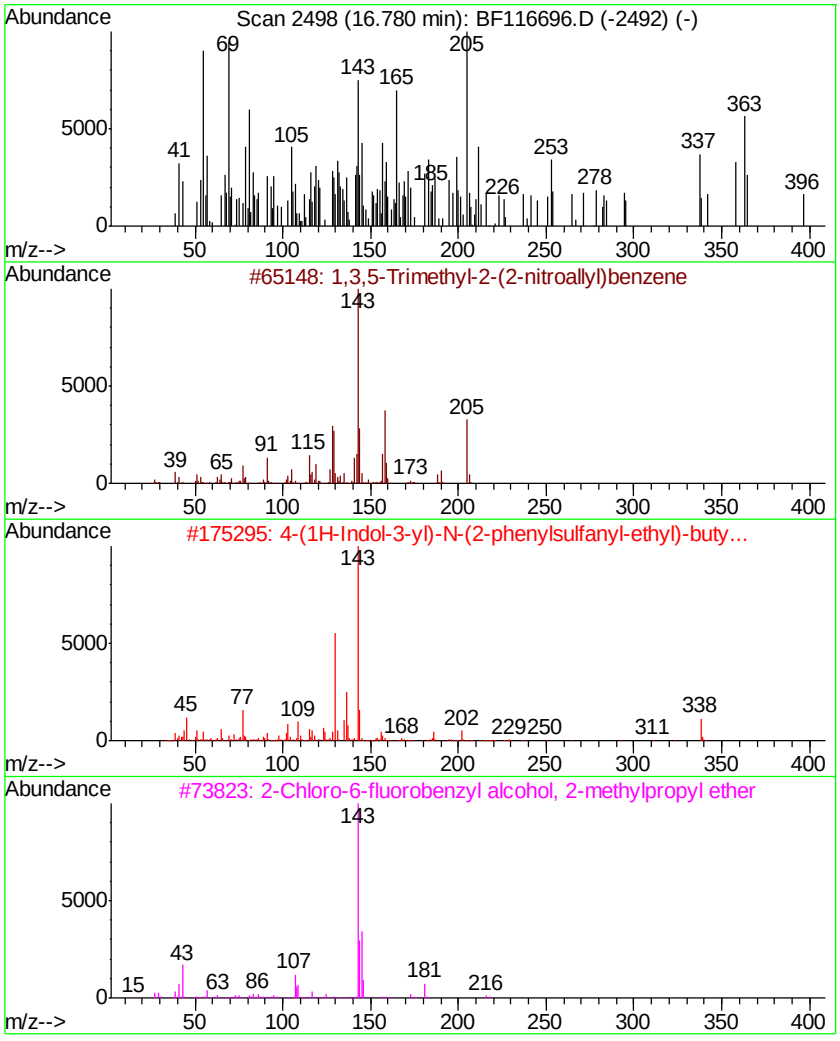
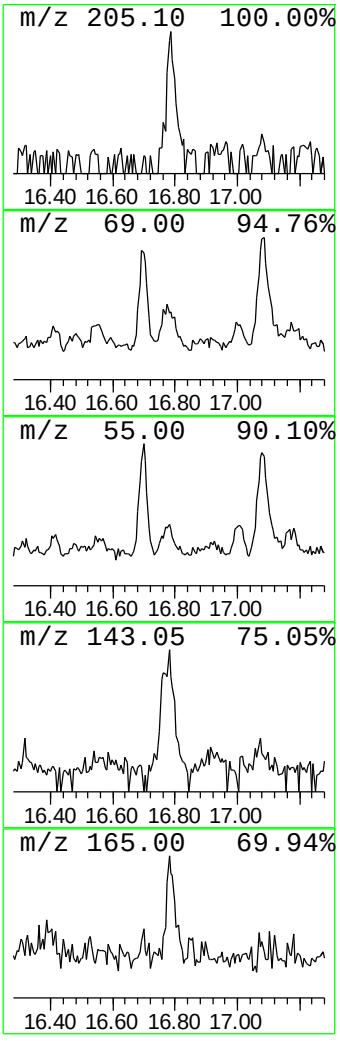
Peak Number 16 unknown16.78 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	5.75 ng	208889	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyl-2-(2-nitroallyl)...	205	C12H15NO2	080255-26-1	27
2	4-(1H-Indol-3-yl)-N-(2-phenylsul...	338	C20H22N2OS	1000300-34-0	25
3	2-Chloro-6-fluorobenzyl alcohol,...	216	C11H14ClFO	1000378-14-3	15
4	7-Phenylisoquinoline	205	C15H11N	070125-65-4	11
5	Quinoline, 2-phenyl-	205	C15H11N	000612-96-4	11





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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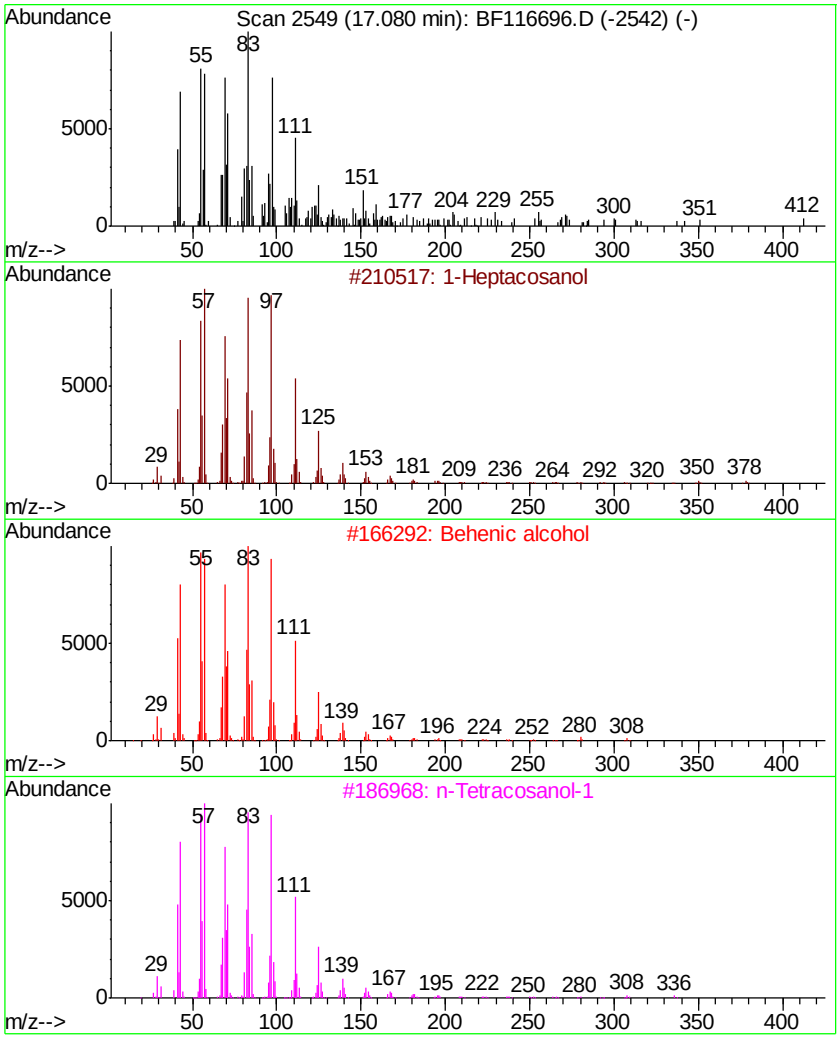
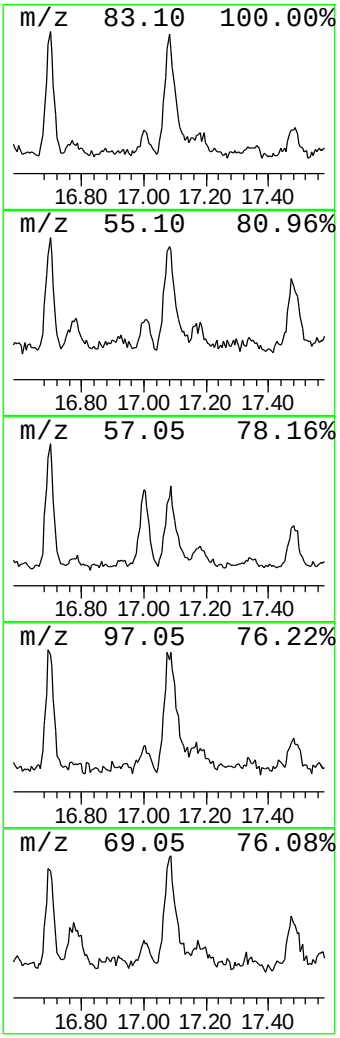
Peak Number 17 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	12.65 ng	459794	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	87
2	Behenic alcohol	326	C22H46O	000661-19-8	87
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4	Ethyl .alpha.-hydroxymyristate	272	C16H32O3	129086-73-3	74
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	68





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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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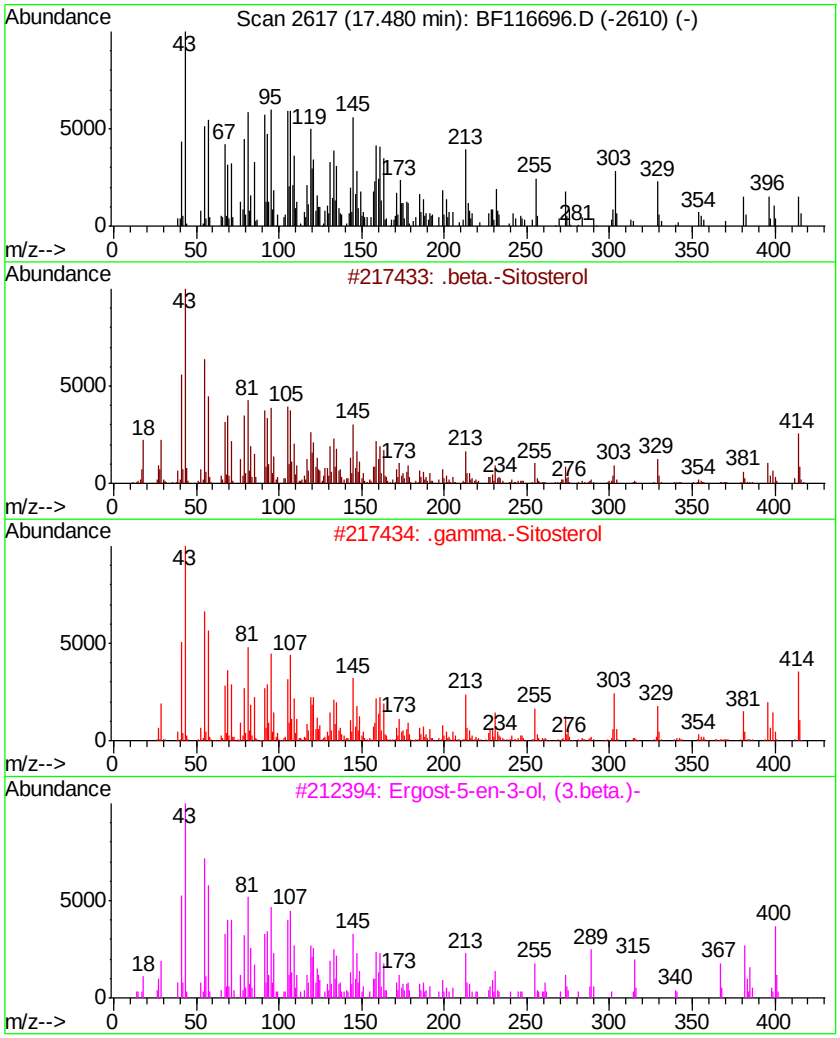
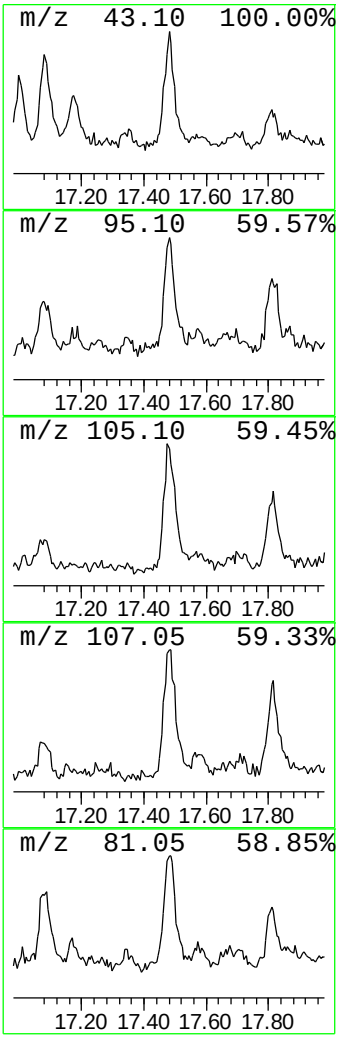
Peak Number 18 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	17.77 ng	645750	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	72
4	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	62
5	Campesterol	400	C28H48O	000474-62-4	62





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

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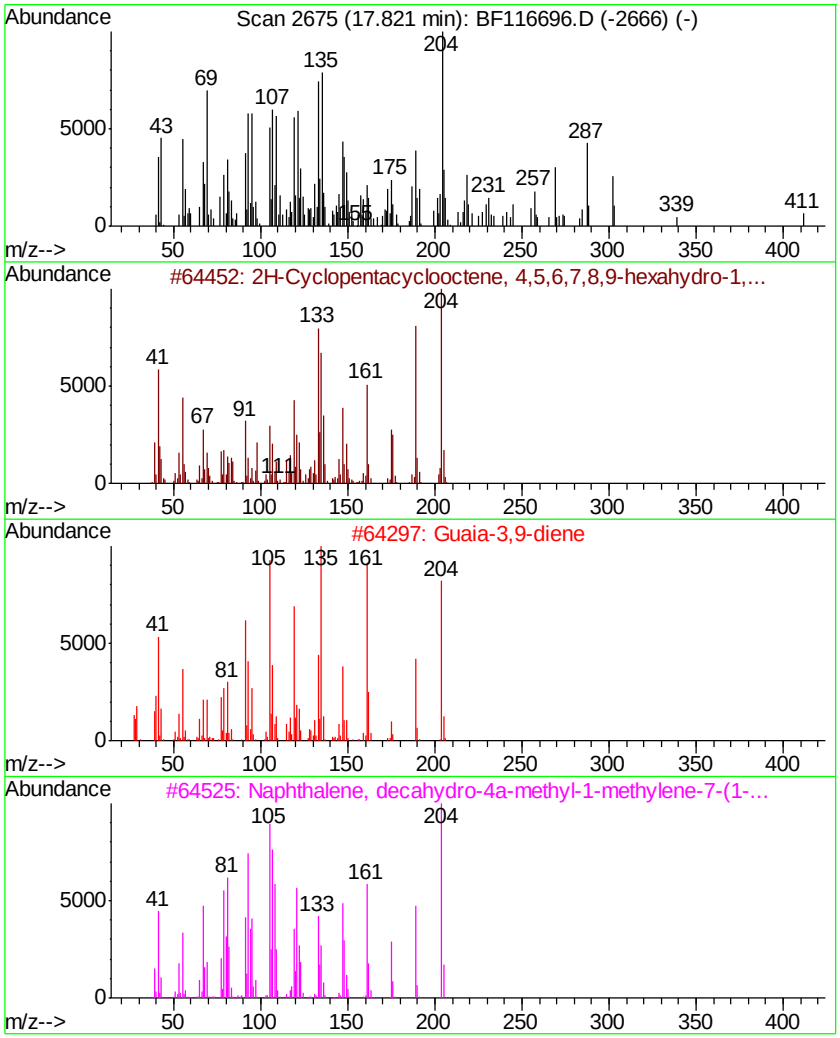
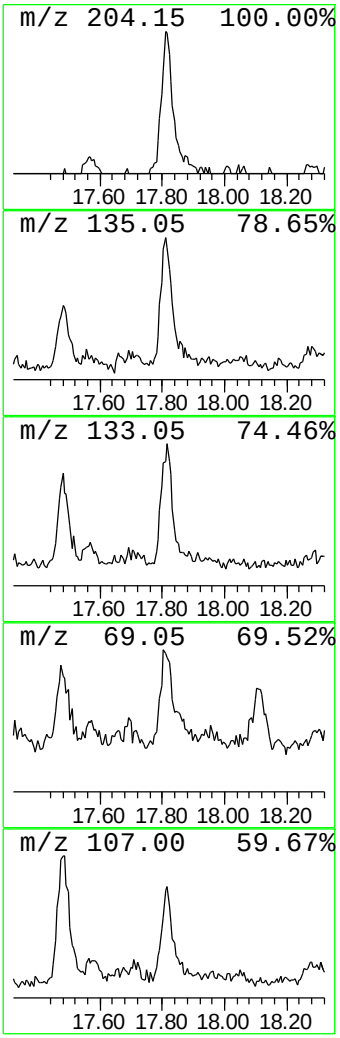
Peak Number 19 2H-Cyclopentacyclooctene, 4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	15.45 ng	561590	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	55
2	Guaia-3,9-diene	204	C15H24	000489-83-8	53
3	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	47
4	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	44
5	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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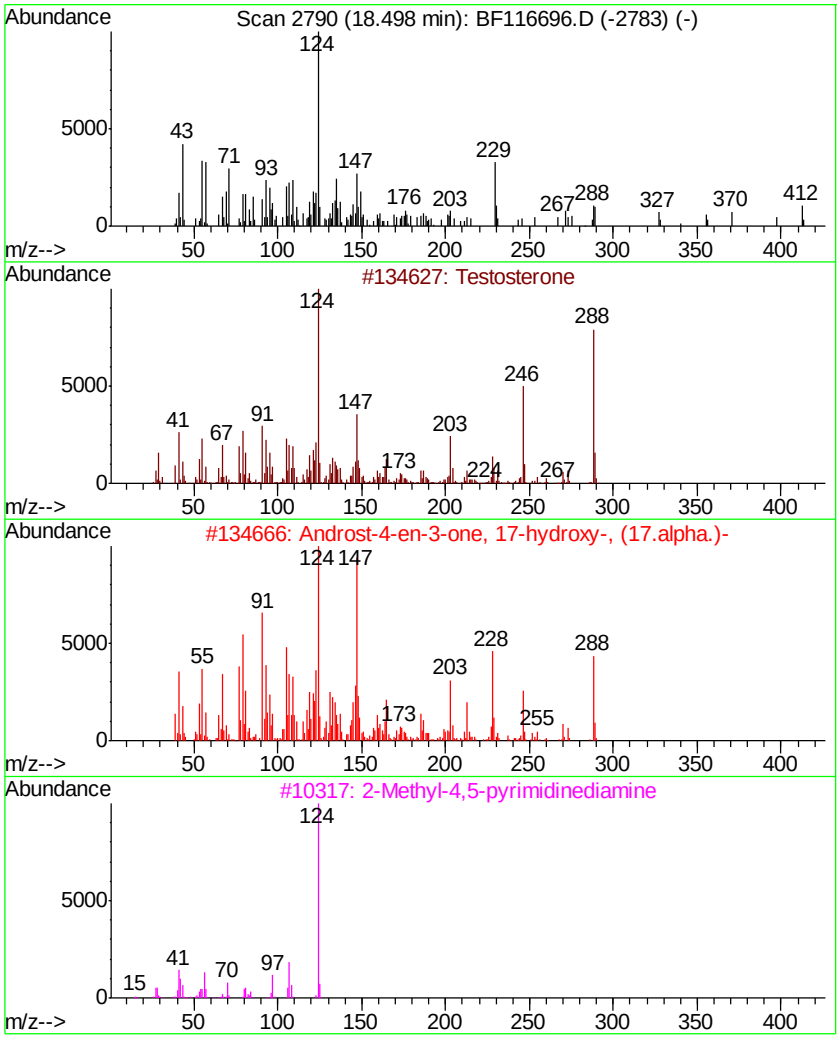
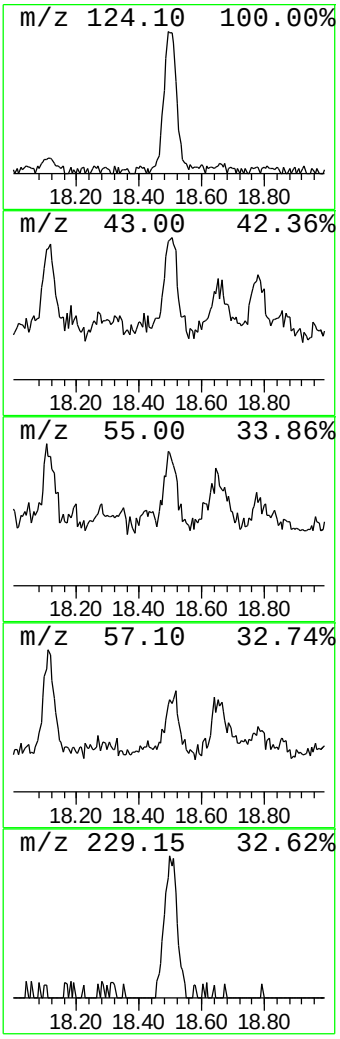
Peak Number 20 Testosterone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	9.04 ng	328593	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	60
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	35
3	2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	35
4	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	35
5	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	79.9	ng	2530780	1	6.85	633735	20.0
n-Hexadecanoic acid	11.89	11.8	ng	566672	4	11.36	961847	20.0
Octadecanoic acid	12.67	13.8	ng	664292	4	11.36	961847	20.0
9-Octadecenamide,...	13.42	6.0	ng	288061	5	13.99	959559	20.0
Cyclohexadecane	13.83	14.3	ng	686637	5	13.99	959559	20.0
Behenic alcohol	14.47	11.6	ng	556185	5	13.99	959559	20.0
Squalene	14.85	5.8	ng	211408	6	15.44	726899	20.0
Octadecanal	14.91	9.1	ng	331874	6	15.44	726899	20.0
Heneicosane	15.10	13.9	ng	506810	6	15.44	726899	20.0
unknown15.13	15.13	10.8	ng	391594	6	15.44	726899	20.0
Oxirane, heptadecyl-	15.68	7.8	ng	283798	6	15.44	726899	20.0
Pentacosane	15.92	9.5	ng	345168	6	15.44	726899	20.0
Octacosyl trifluo...	15.96	11.8	ng	427398	6	15.44	726899	20.0
Oxirane, hexadecyl-	16.70	11.6	ng	421948	6	15.44	726899	20.0
unknown16.78	16.78	5.8	ng	208889	6	15.44	726899	20.0
1-Heptacosanol	17.08	12.7	ng	459794	6	15.44	726899	20.0
.beta.-Sitosterol	17.48	17.8	ng	645750	6	15.44	726899	20.0
2H-Cyclopentacycl...	17.82	15.4	ng	561590	6	15.44	726899	20.0
Testosterone	18.50	9.0	ng	328593	6	15.44	726899	20.0