LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	2.275	28	32	38	rVB	108110	144366	3.20%	0.287%
2	2.399	50	53	69	rVB4	27115	59258	1.32%	0.118%
3	5.163	518	523	536	rVB	579729	839420	18.63%	1.669%
4	5.545	582	588	591	rBV	3822518	4296416	95.34%	8.541%
5	6.204	697	700	704	rBV	673666	548412	12.17%	1.090%
6	6.545	751	758	761	rBV	3588817	4391403	97.45%	8.730%
7	6.628	768	772	775	rVB	998014	824015	18.29%	1.638%
8	6.692	777	783	786	rBV	4134861	4413326	97.94%	8.773%
9	6.922	818	822	825	rBV	1321063	1085288	24.08%	2.158%
10	7.081	844	849	852	rBV	3333619	3269241	72.55%	6.499%
11	7.487	911	918	921	rBV	2481809	2801972	62.18%	5.570%
12	7.898	980	988	991	rBV2	91268	93947	2.08%	0.187%
13	8.204	1034	1040	1043	rBV	1630149	1458826	32.37%	2.900%
14	8.869	1149	1153	1156	rBV	88058	72019	1.60%	0.143%
15	9.281	1216	1223	1226	rBV	4405605	4506187	100.00%	8.958%
16	9.333	1229	1232	1237	rVB4	72189	87714	1.95%	0.174%
17	9.392	1237	1242	1247	rBV7	44221	62372	1.38%	0.124%
18	9.592	1272	1276	1278	rBV	51843	46155	1.02%	0.092%
19	9.663	1283	1288	1292	rBV	606364	625960	13.89%	1.244%
20	9.869	1319	1323	1329	rVB2	102453	134096	2.98%	0.267%
21	9.928	1329	1333	1334	rVV2	36986	52972	1.18%	0.105%
22	9.957	1334	1338	1341	rVV2	1712075	1494778	33.17%	2.972%
23	9.980	1341	1342	1348	rVB2	120558	73330	1.63%	0.146%
24	10.075	1353	1358	1361	rBV	127868	103295	2.29%	0.205%
25	10.110	1361	1364	1367	rVB	117733	97812	2.17%	0.194%
26	10.380	1407	1410	1413	rVB	85107	67454	1.50%	0.134%
27	10.598	1444	1447	1450	rVB	42365	46778	1.04%	0.093%
28	10.651	1453	1456	1459	rBV2	92633	89346	1.98%	0.178%
29	10.745	1464	1472	1475	rVV2	2348784	2546571	56.51%	5.062%
30	10.780	1475	1478	1481	rVB2	127863	114034	2.53%	0.227%
31	10.857	1488	1491	1499	rVB2	136982	186786	4.15%	0.371%
32	11.227	1551	1554	1559	rVB2	44065	46887	1.04%	0.093%
33	11.298	1564	1566	1568	rBV	59227	50631	1.12%	0.101%
34	11.445	1587	1591	1593	rBV	1360085	1199779	26.63%	2.385%

LSC Area Percent Report

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Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.463	1593	1594	1597	rVB	133959	96626	2.14%	0.192%
36	11.669	1622	1629	1634	rVB6	27139	56401	1.25%	0.112%
37	11.886	1661	1666	1669	rBV4	53926	84339	1.87%	0.168%
38	11.922	1669	1672	1674	rVV	78793	74407	1.65%	0.148%
39	11.963	1674	1679	1687	rVB2	617704	668503	14.84%	1.329%
40	12.651	1793	1796	1806	rBV	229591	345193	7.66%	0.686%
41	12.745	1808	1812	1822	rBV	642519	689492	15.30%	1.371%
42	12.880	1830	1835	1849	rVB	187561	317380	7.04%	0.631%
43	13.027	1856	1860	1863	rBV	3172145	2989295	66.34%	5.943%
44	13.133	1875	1878	1883	rVB	192555	165706	3.68%	0.329%
45	13.227	1891	1894	1896	rVB2	71391	63478	1.41%	0.126%
46	13.333	1907	1912	1915	rVB5	34641	47817	1.06%	0.095%
47	13.539	1944	1947	1951	rVB2	169968	165363	3.67%	0.329%
48	13.710	1973	1976	1982	rVB3	53255	53908	1.20%	0.107%
49	13.786	1985	1989	1993	rBV2	449620	459084	10.19%	0.913%
50	13.874	2001	2004	2007	rBV2	237191	212029	4.71%	0.422%
51	13.910	2007	2010	2017	rVB2	383816	370814	8.23%	0.737%
52	14.051	2030	2034	2036	rBV2	131248	150648	3.34%	0.299%
53	14.080	2036	2039	2042	rVV	1007766	939720	20.85%	1.868%
54	14.104	2042	2043	2046	rVB	93792	52244	1.16%	0.104%
55	14.545	2113	2118	2123	rBV	297380	316564	7.03%	0.629%
56	14.851	2168	2170	2180	rVB4	36529	68985	1.53%	0.137%
57	14.933	2181	2184	2187	rBV	73679	73367	1.63%	0.146%
58	15.004	2192	2196	2206	rVB	468128	479255	10.64%	0.953%
59	15.127	2213	2217	2221	rBV	78432	121415	2.69%	0.241%
60	15.204	2225	2230	2231	rBV	270896	319218	7.08%	0.635%
61	15.221	2231	2233	2241	rVB	700042	827732	18.37%	1.645%
62	15.439	2267	2270	2273	rBV	43036	50235	1.11%	0.100%
63	15.504	2278	2281	2287	rVB	59235	75013	1.66%	0.149%
64	15.568	2287	2292	2300	rBV	622441	895224	19.87%	1.780%
65	15.798	2327	2331	2336	rBV	167468	232779	5.17%	0.463%
66	15.851	2336	2340	2344	rVB2	51851	69835	1.55%	0.139%
67	16.045	2368	2373	2377	rBV	259653	375220	8.33%	0.746%
68	16.092	2377	2381	2389	rVB	179759	273328	6.07%	0.543%
69	16.468	2441	2445	2452	rVB5	63622	98325	2.18%	0.195%
70	16.562	2457	2461	2467	rVB3	43707	75008	1.66%	0.149%
71	16.868	2507	2513	2522	rBV2	149505	302345	6.71%	0.601%

LSC Area Percent Report

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Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.092	2542	2551	2559	rBV7	58280	180466	4.00%	0.359%
73	17.180	2560	2566	2573	rVB	87837	173493	3.85%	0.345%
74	17.262	2573	2580	2591	rBV7	109271	271768	6.03%	0.540%
75	17.439	2606	2610	2619	rVB10	32376	73712	1.64%	0.147%
76	17.680	2644	2651	2662	rBV3	248216	567725	12.60%	1.129%
77	17.780	2665	2668	2677	rVB10	41229	86120	1.91%	0.171%
78	18.033	2707	2711	2716	rVB7	30539	55248	1.23%	0.110%
79	18.698	2817	2824	2828	rBV6	76783	199648	4.43%	0.397%
80	19.051	2878	2884	2893	rVB6	42243	107652	2.39%	0.214%

Sum of corrected areas: 50302973

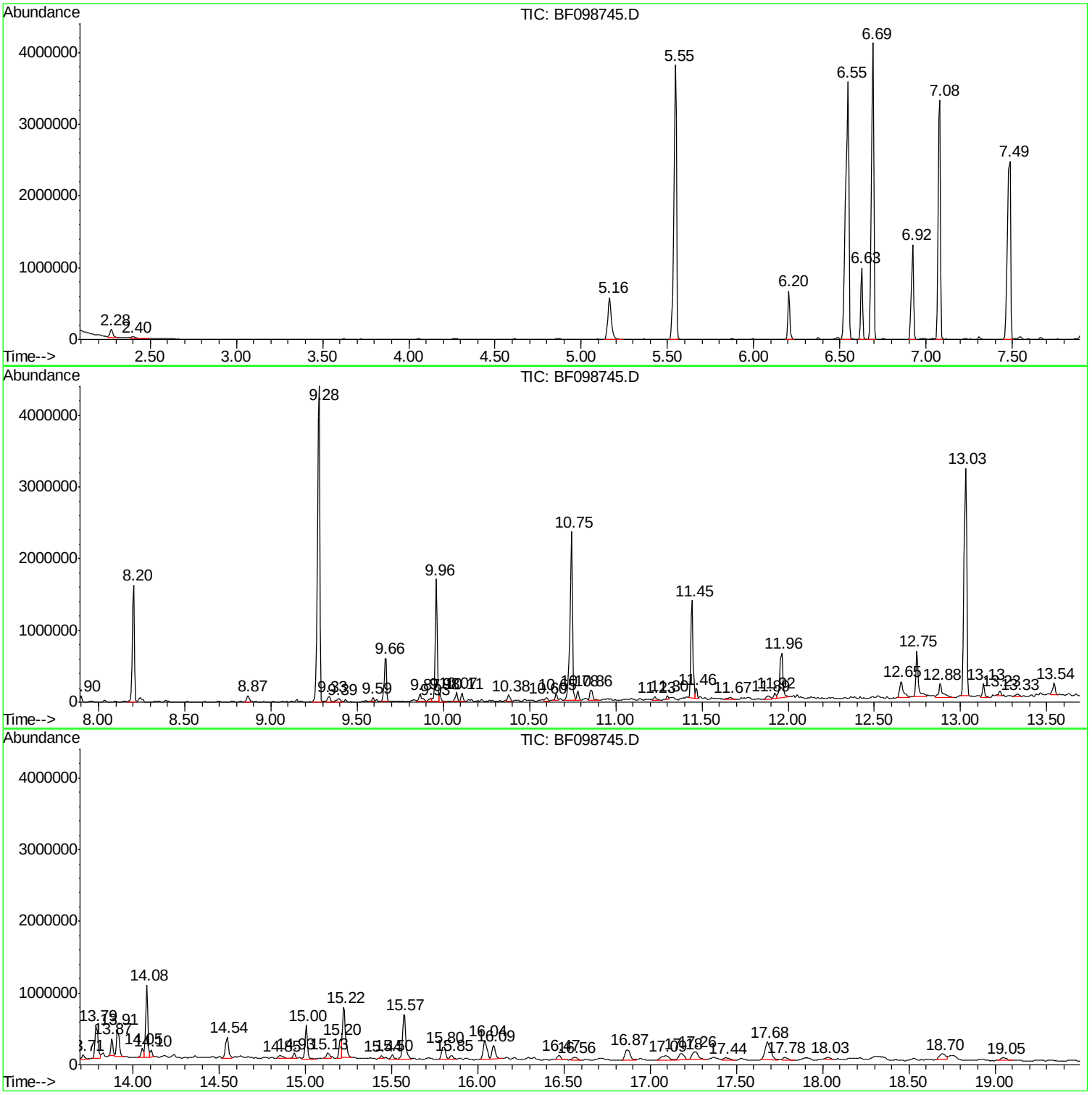
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

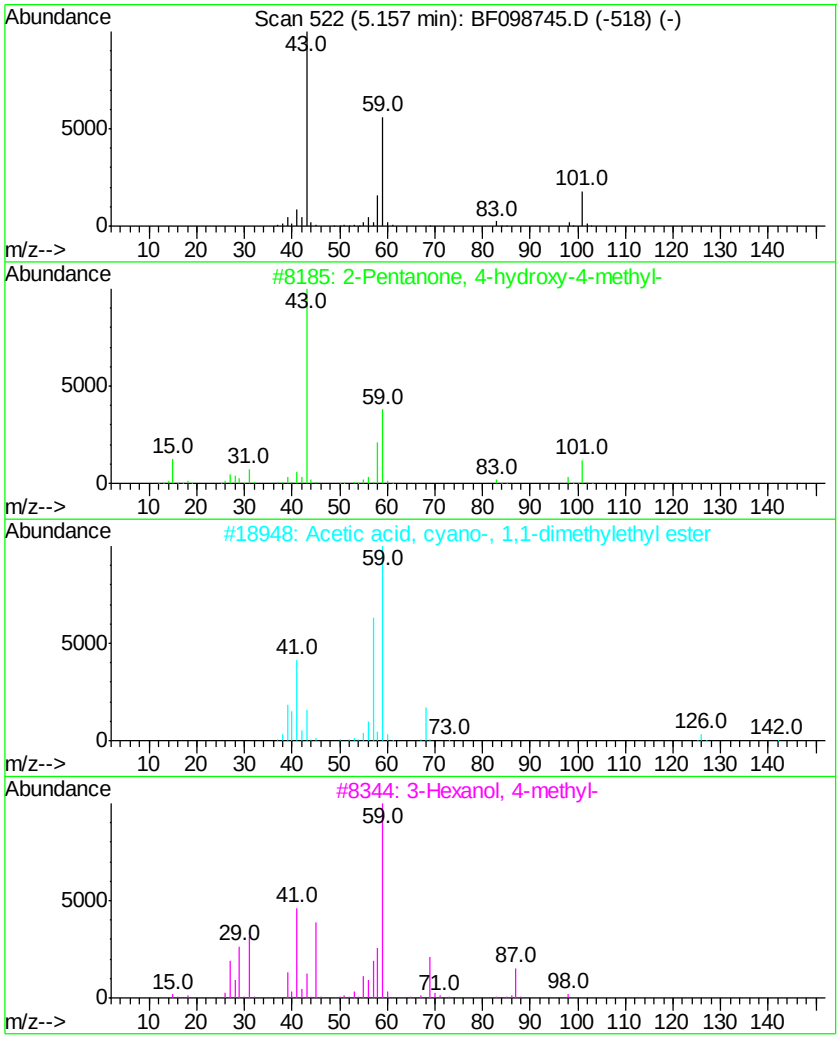
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

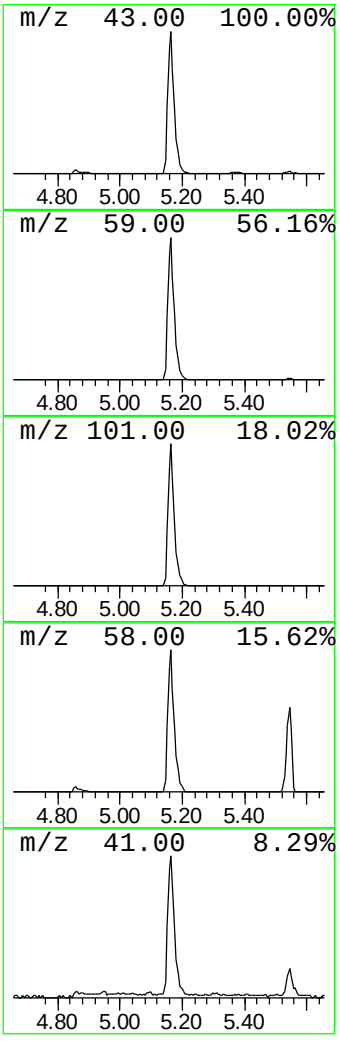
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	15.47 ng	839420	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

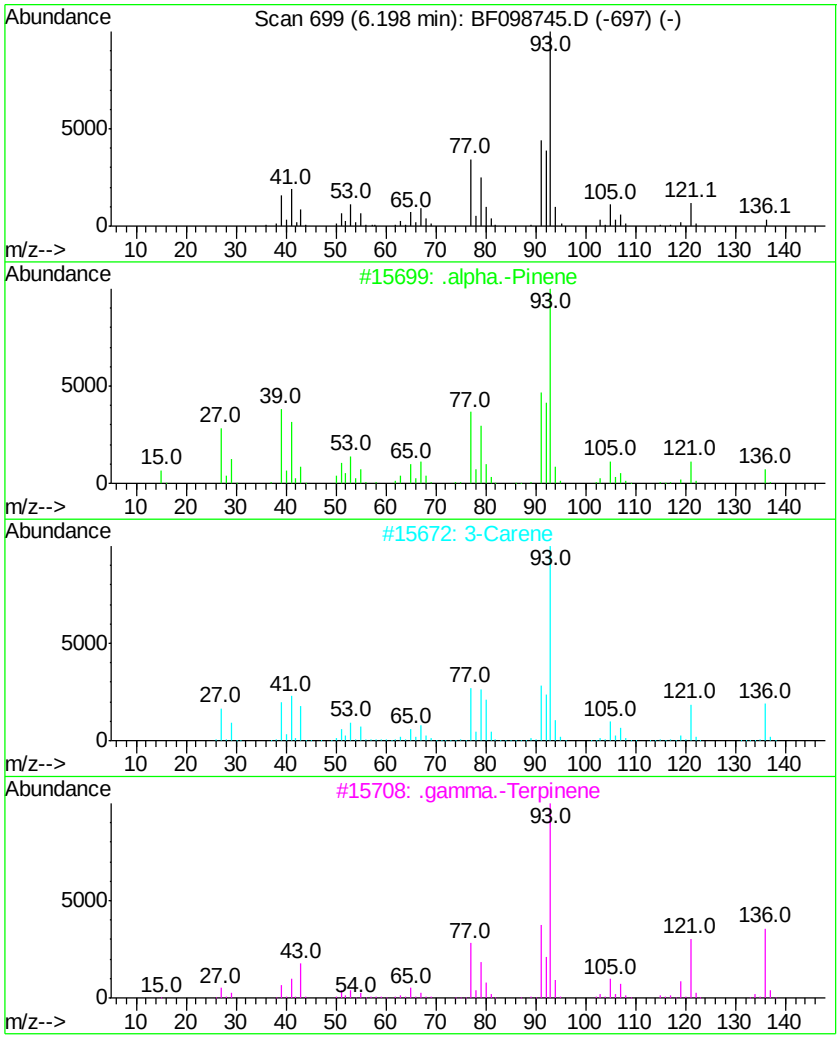
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

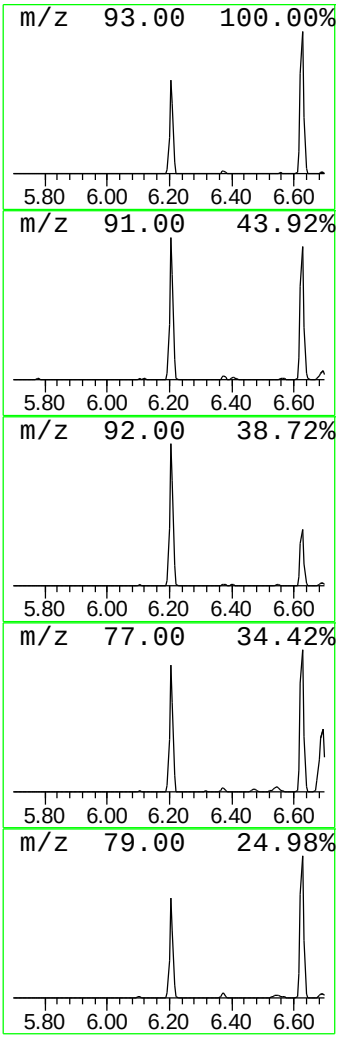
****

Peak Number 2 .alpha.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	10.11 ng	548412	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	3-Carene	136	C10H16	013466-78-9	91
3	.gamma.-Terpinene	136	C10H16	000099-85-4	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

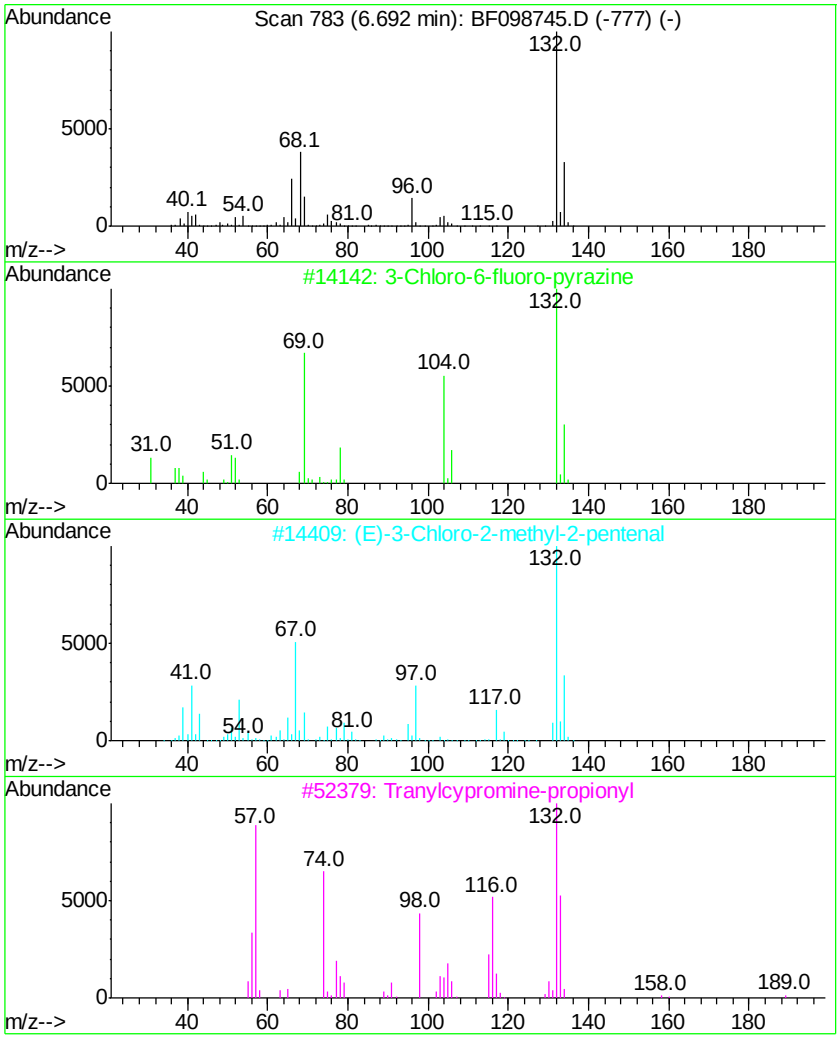
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

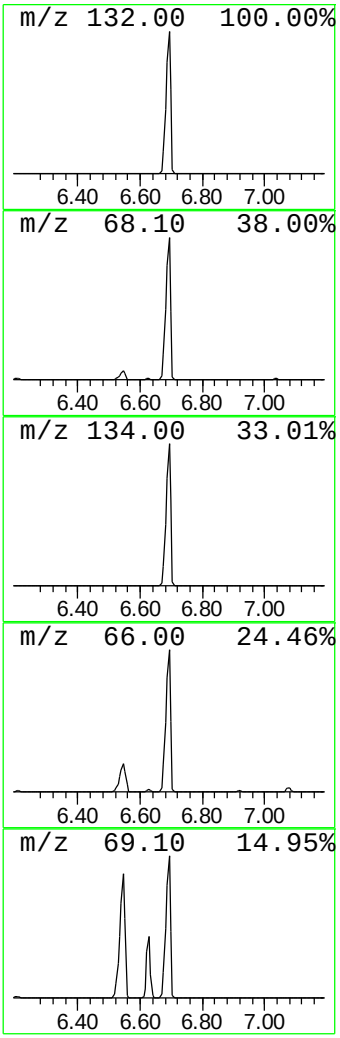
****

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	81.33 ng	4413330	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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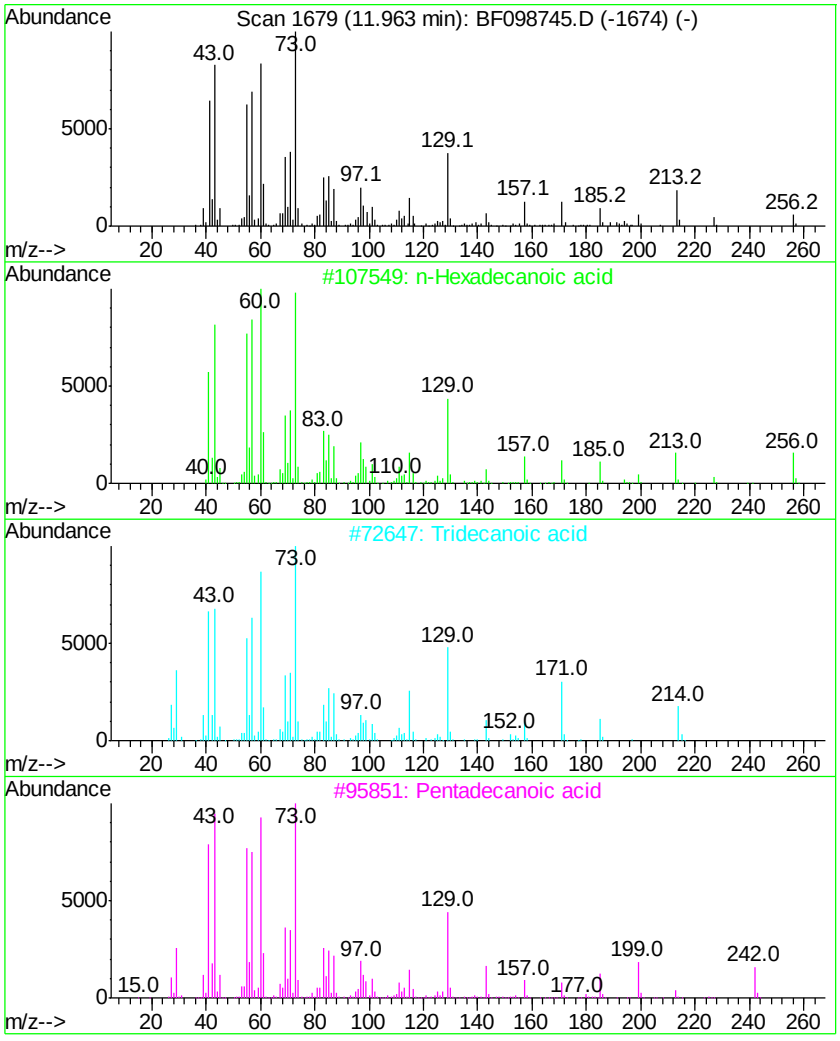
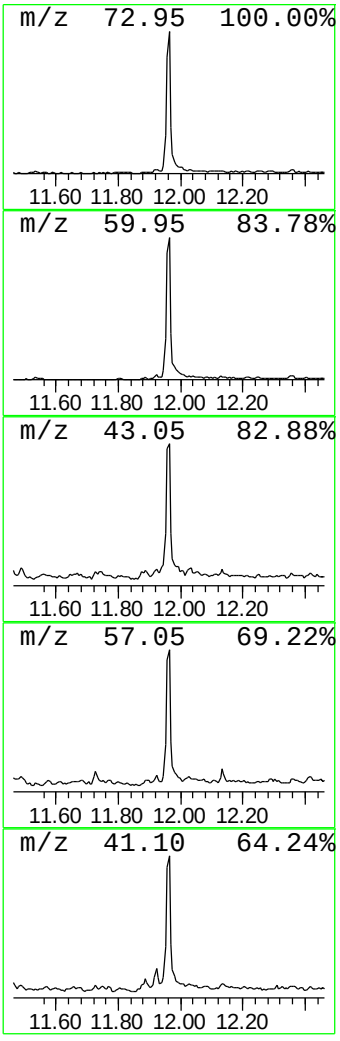
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	11.14 ng	668503	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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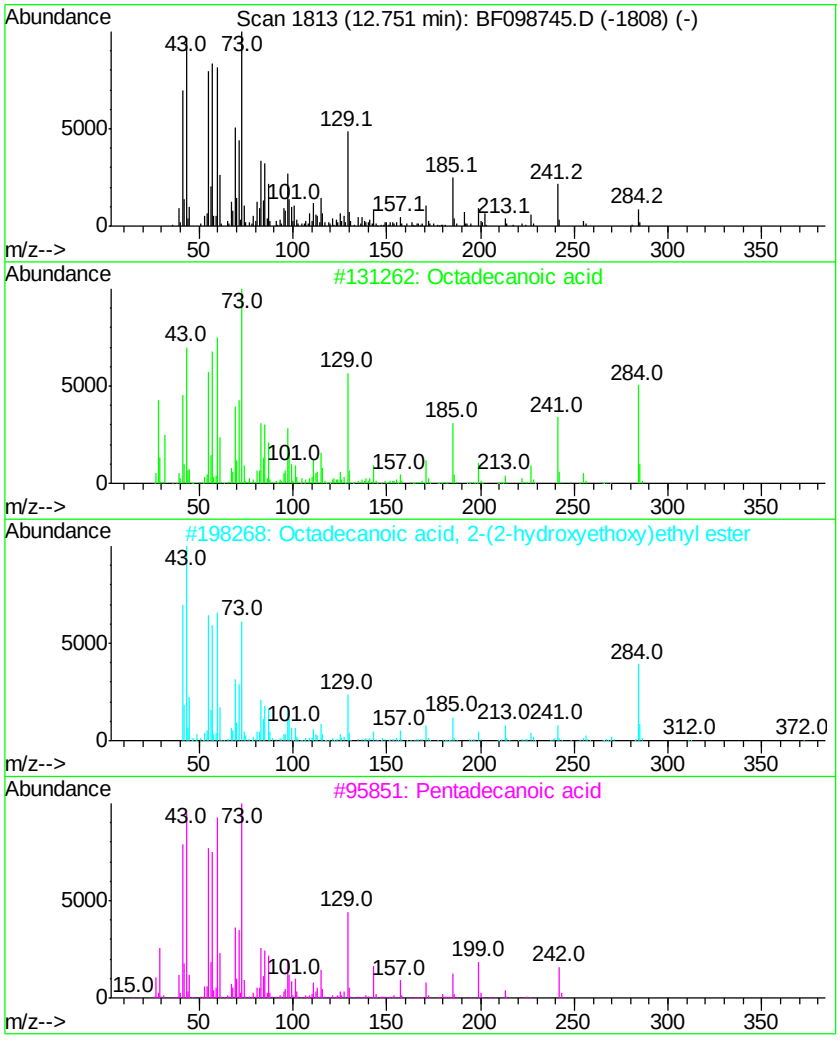
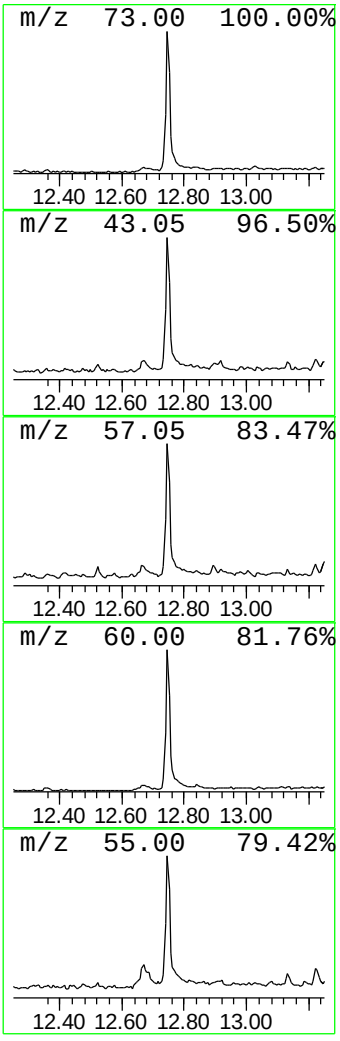
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	11.49 ng	689492	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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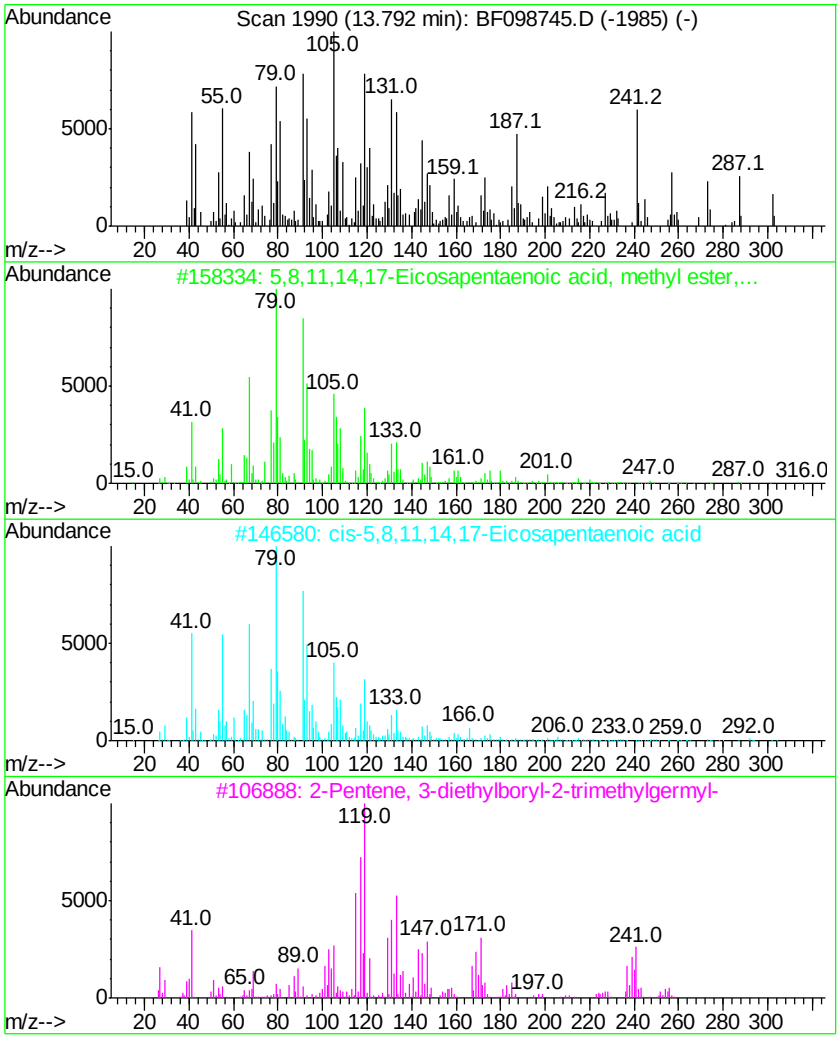
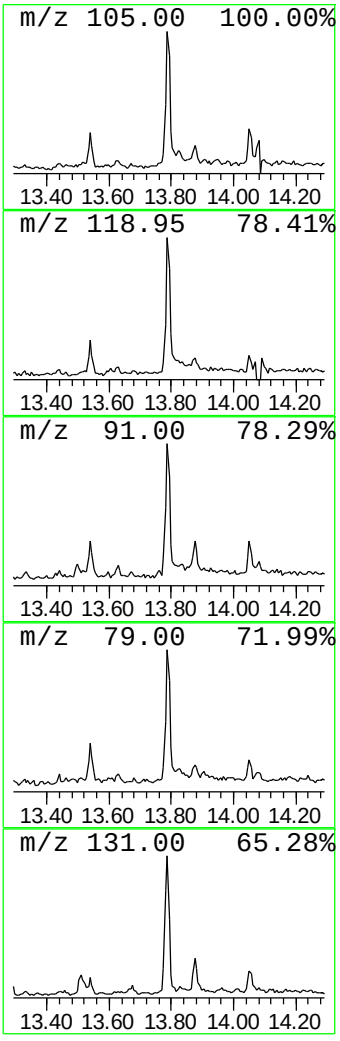
Peak Number 7 5,8,11,14,17-Eicosapentaeno... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	9.77 ng	459084	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8,11,14,17-Eicosapentaenoic ac...	316	C21H32O2	002734-47-6	53
2	cis-5,8,11,14,17-Eicosapentaenoi...	302	C20H30O2	010417-94-4	52
3	2-Pentene, 3-diethylboryl-2-trim...	256	C12H27BGe	1000153-65-0	38
4	(Z,Z)-.alpha.-Farnesene	204	C15H24	1000293-03-1	20
5	5-Chlorovaleric acid, hex-4-yn-3...	216	C11H17ClO2	1000292-47-6	18





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Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

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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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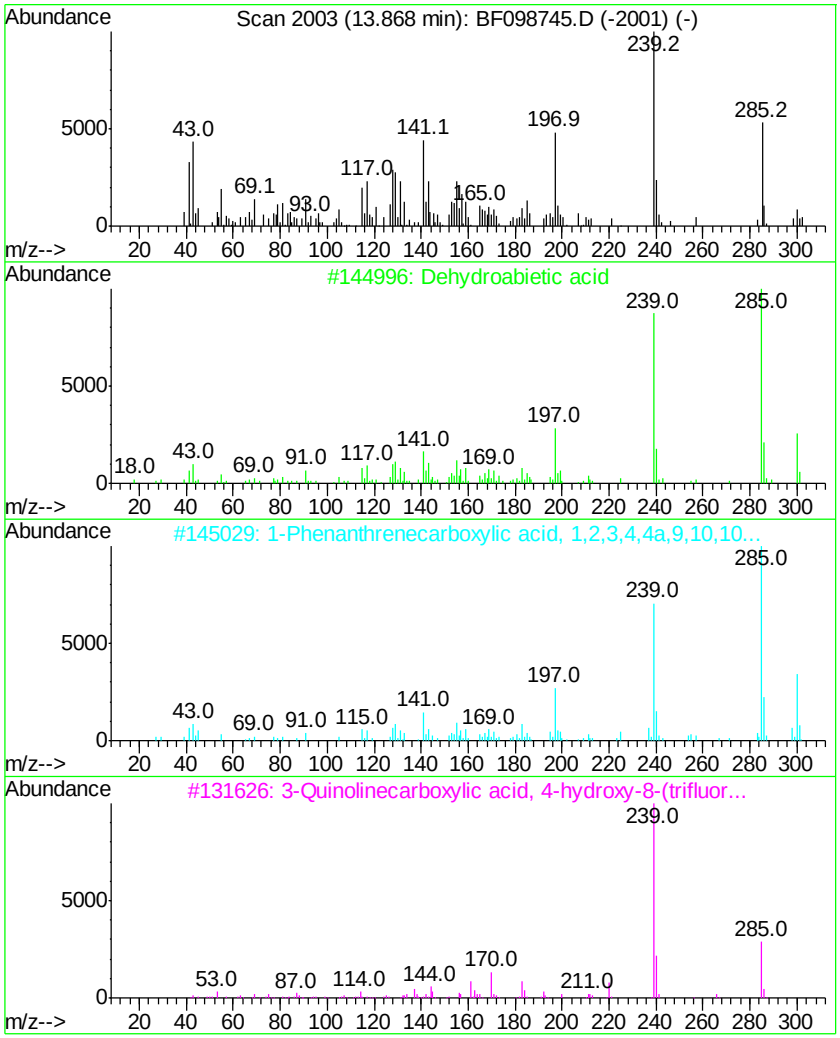
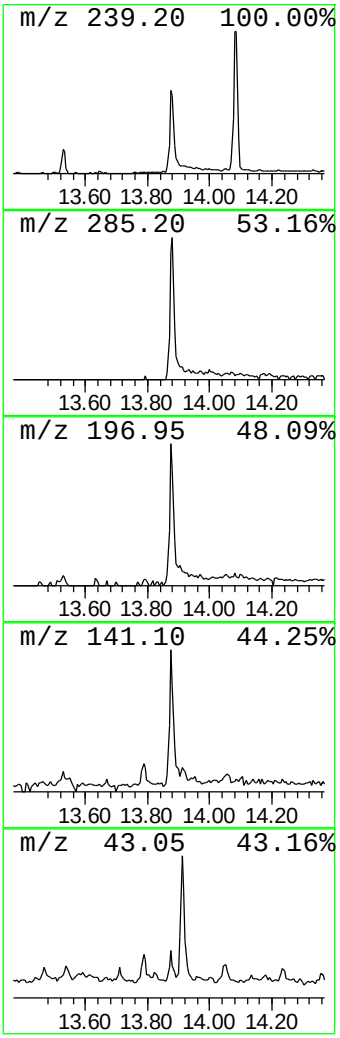
Peak Number 8 Dehydroabietic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.51 ng	212029	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	97
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	46
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	46
5	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	38





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ClientSampleId : LT-TS-007

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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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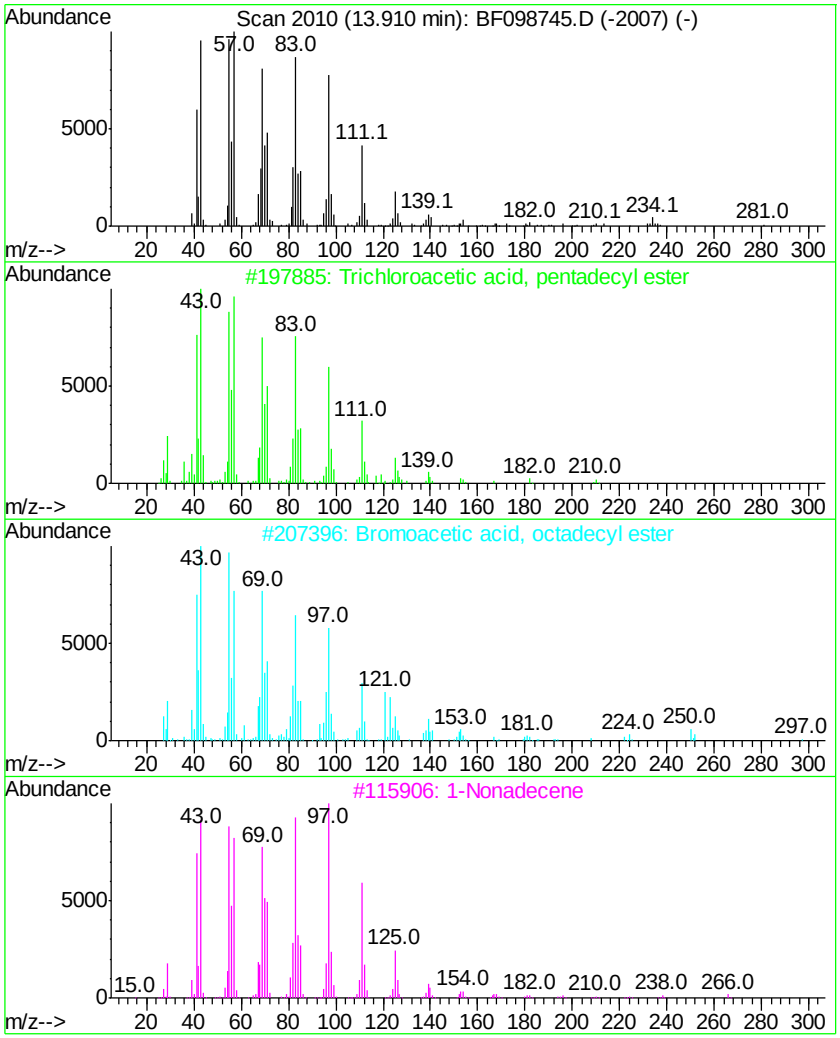
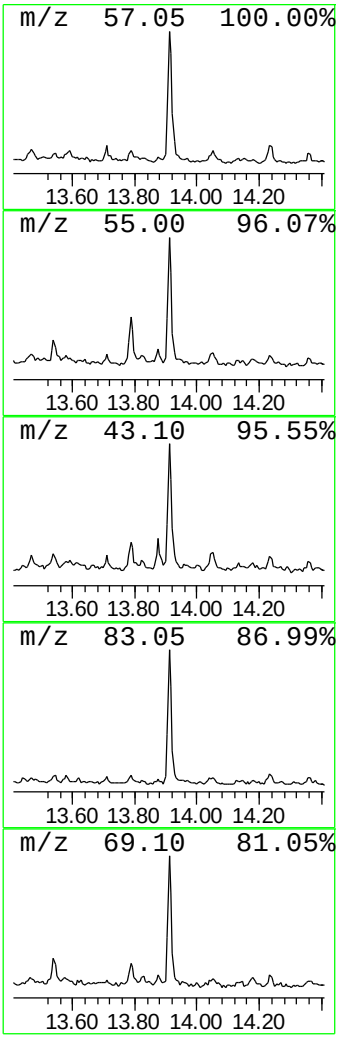
Peak Number 9 Trichloroacetic acid, penta... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	7.89 ng	370814	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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ClientSampleId : LT-TS-007

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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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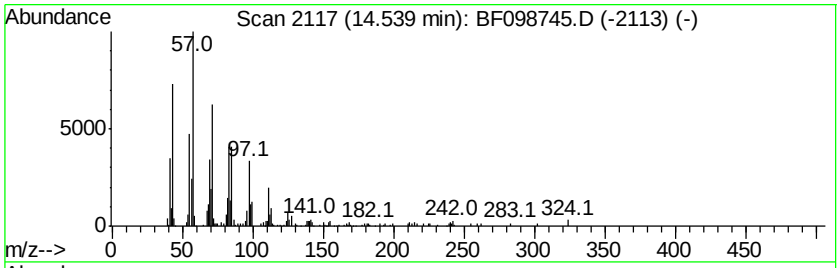
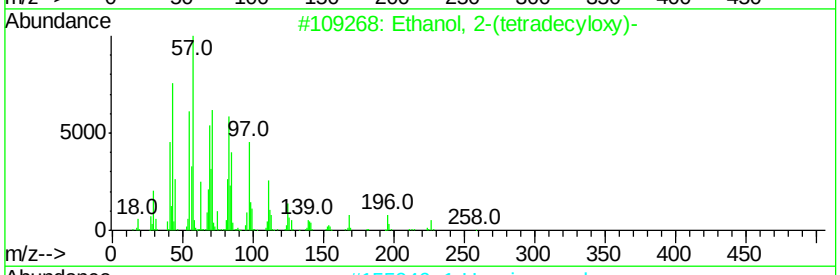
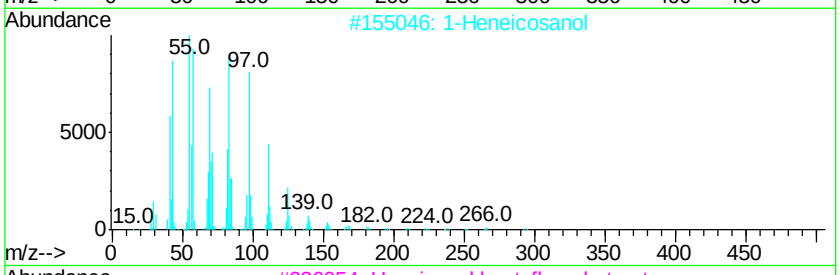
Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 15

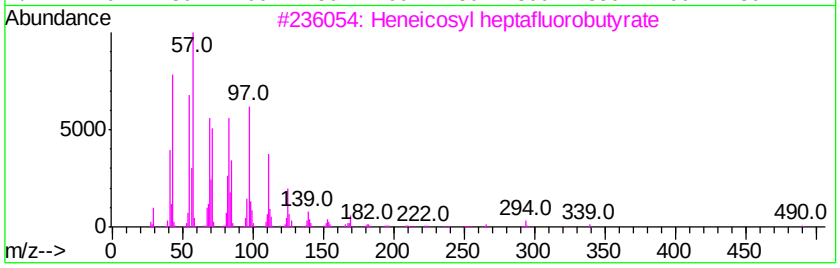
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.74 ng	316564	Chrysene-d12	14.08

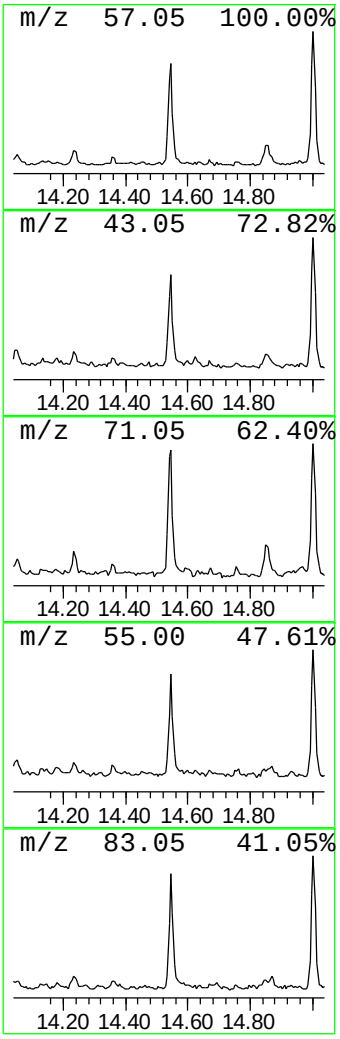
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91











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Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

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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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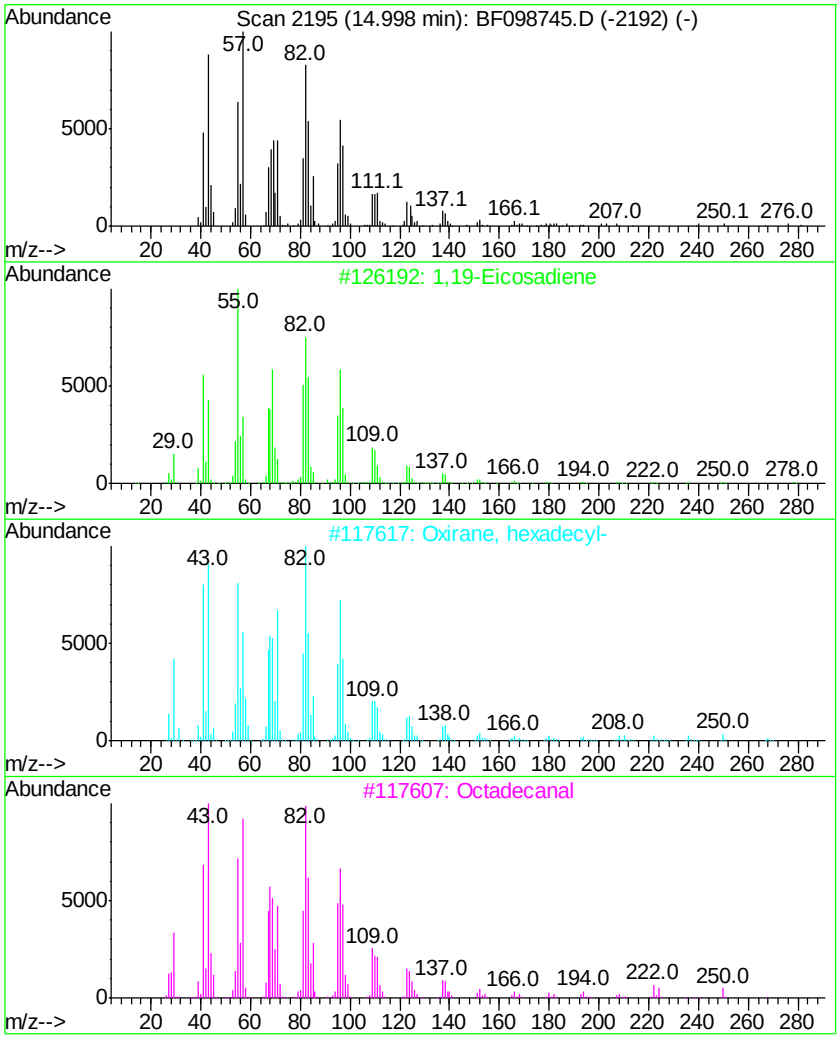
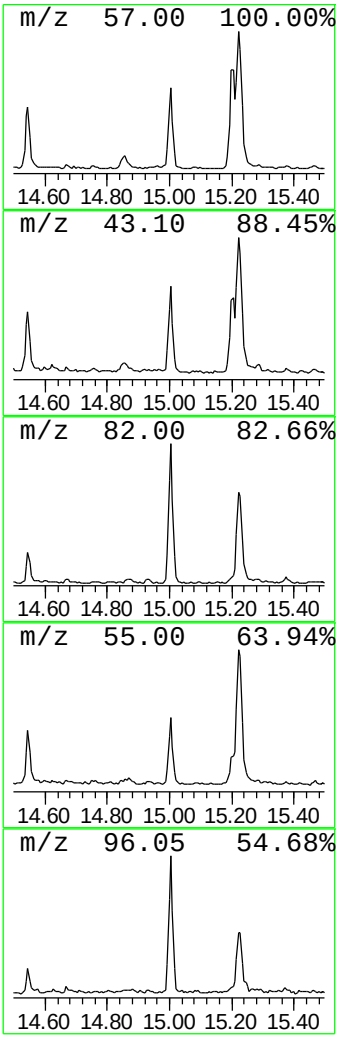
Peak Number 11 1,19-Eicosadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	10.71 ng	479255	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	12-Octadecenal	266	C18H34O	056554-91-7	90





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Misc :
ALS Vial : 9 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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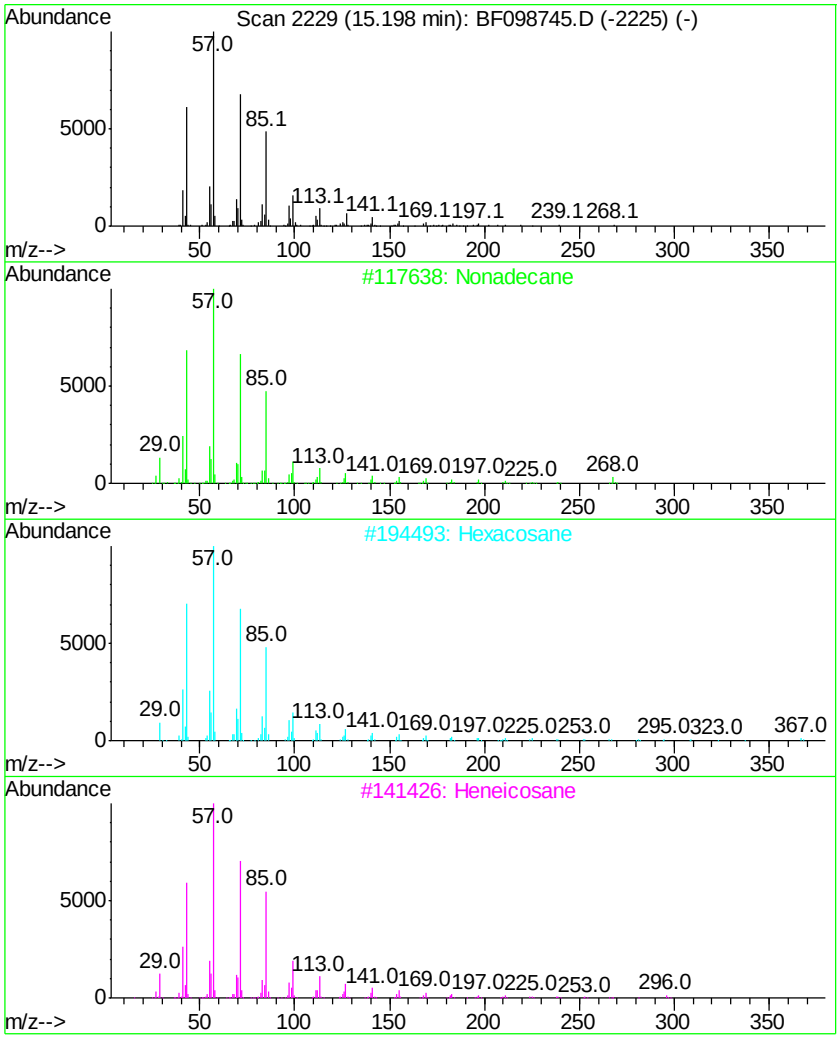
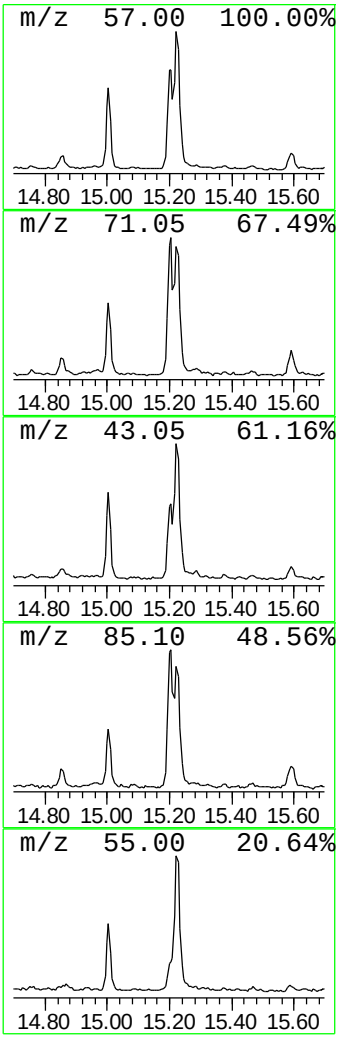
Peak Number 12 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	7.13 ng	319218	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heptadecane	240	C17H36	000629-78-7	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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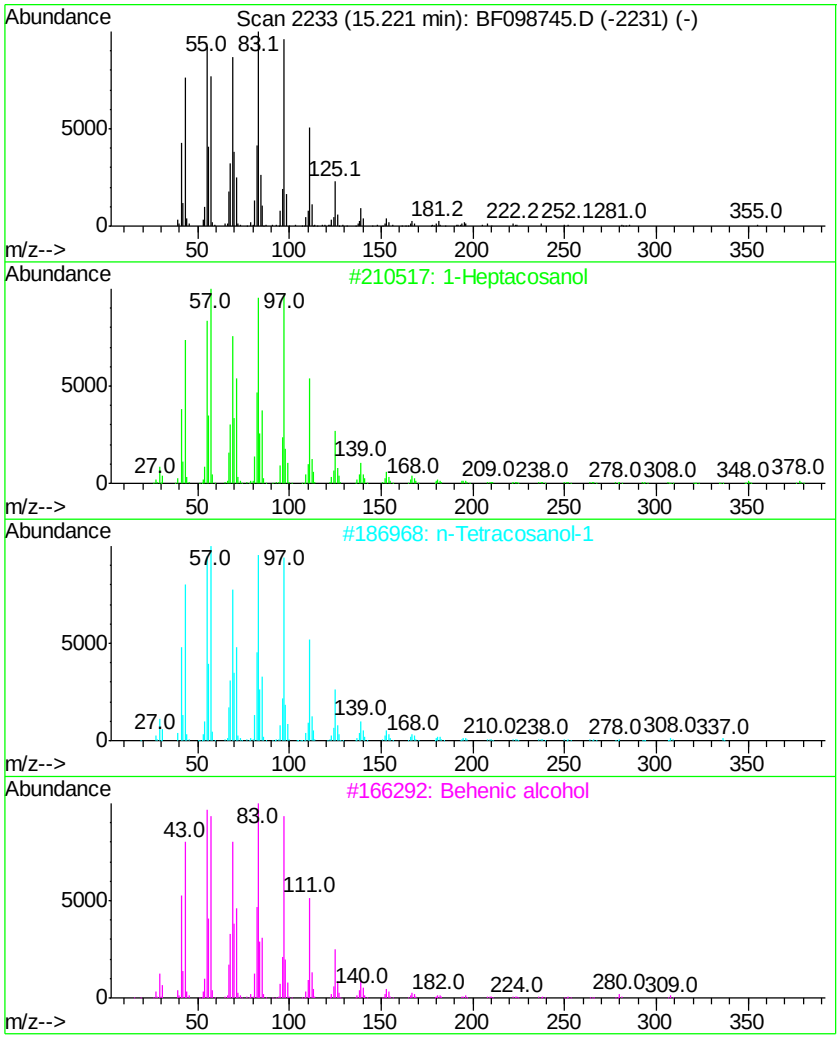
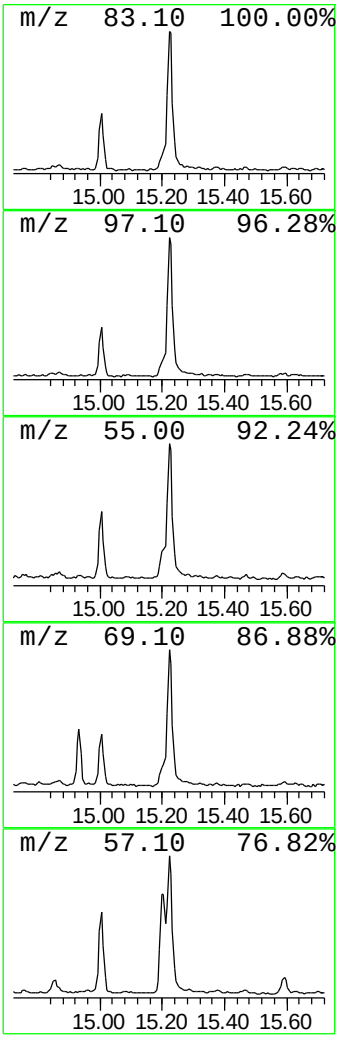
Peak Number 13 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	18.49 ng	827732	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	74





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Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

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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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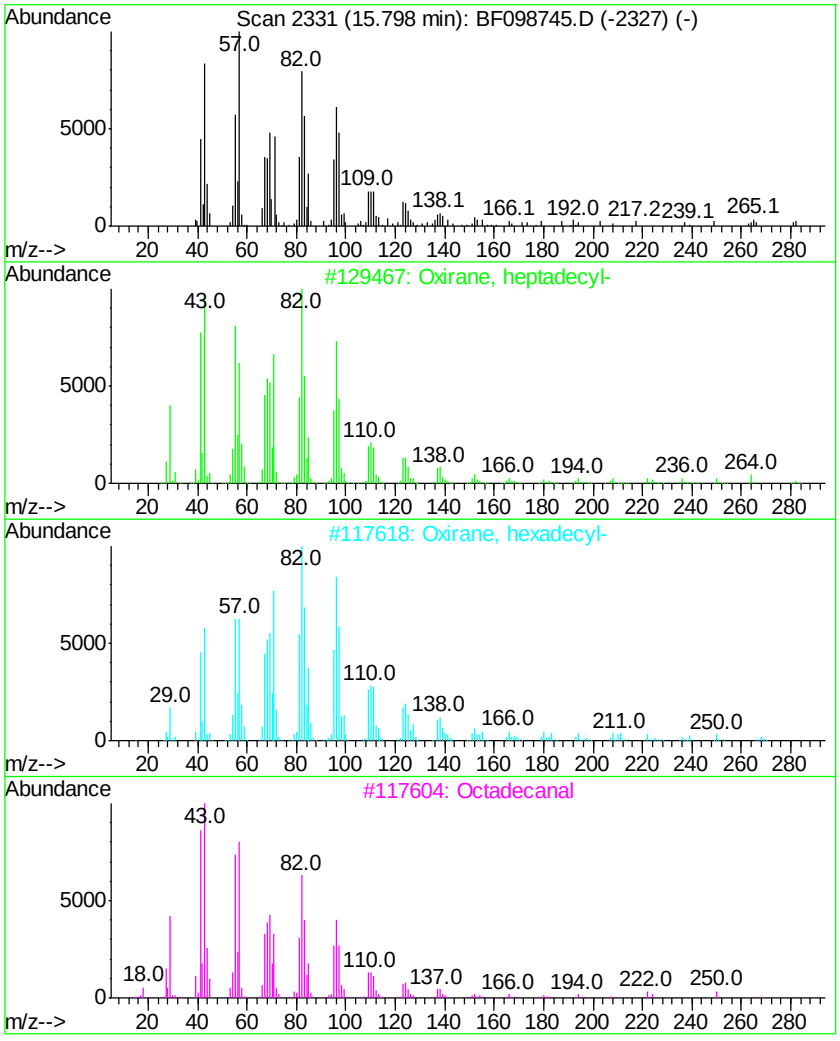
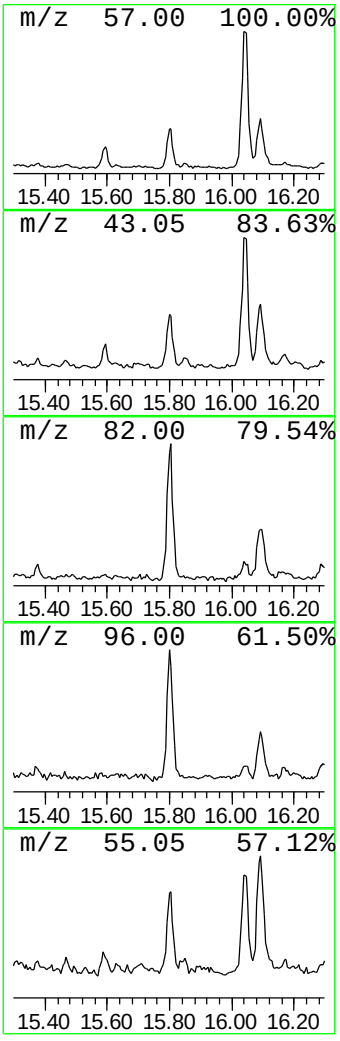
Peak Number 14 Oxirane, heptadecyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.20 ng	232779	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	86
4	1,19-Eicosadiene	278	C20H38	014811-95-1	81
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	64





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ALS Vial : 9 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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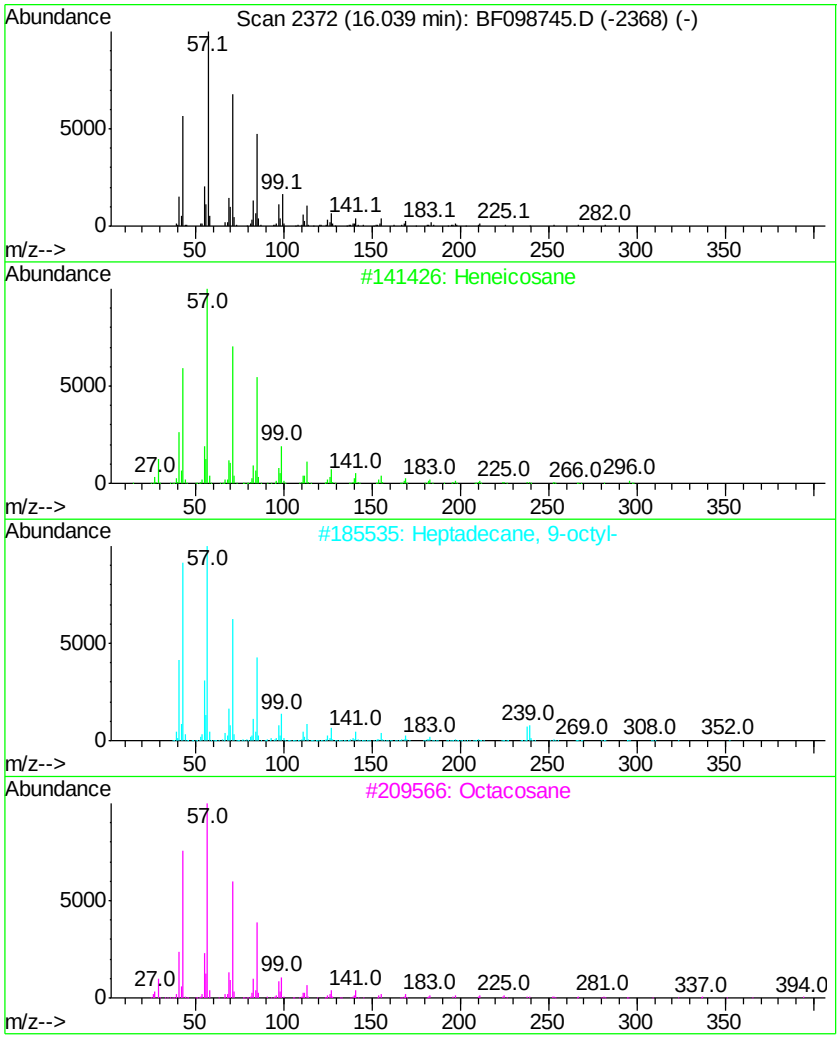
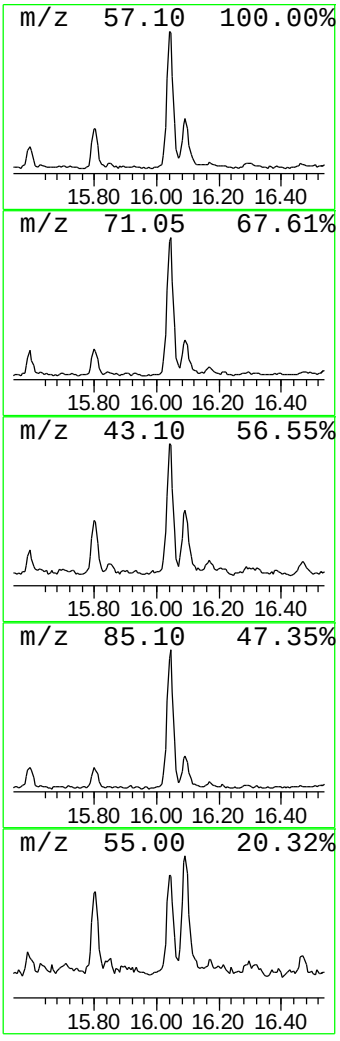
Peak Number 15 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	8.38 ng	375220	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
5	Triacontane	422	C30H62	000638-68-6	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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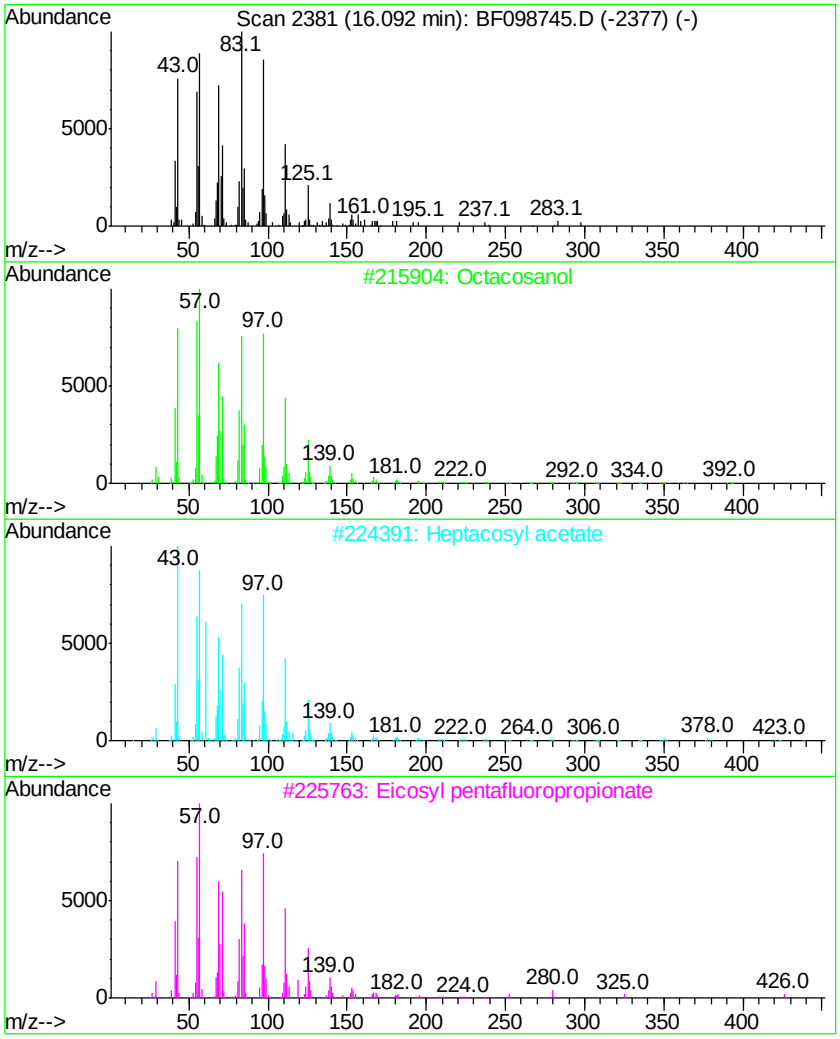
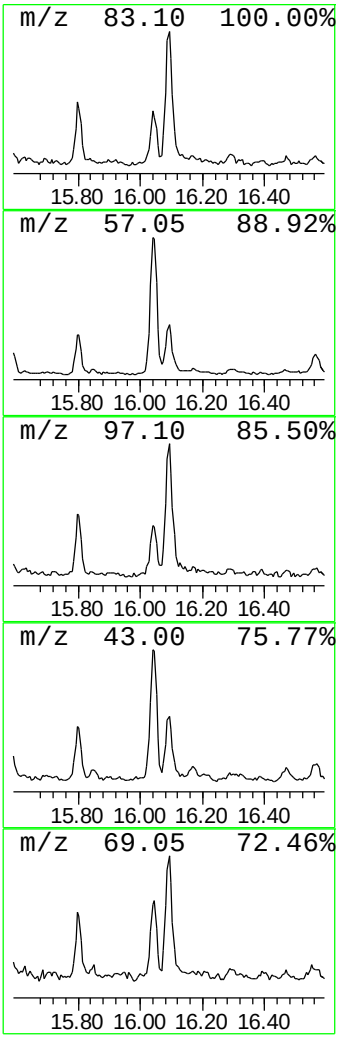
Peak Number 16 Octacosanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	6.11 ng	273328	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	91
2	Heptacosyl acetate	438	C29H58O2	1000351-78-2	83
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	70
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	70
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	62





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Instrument : BNA_F
ClientSampleId : LT-TS-007

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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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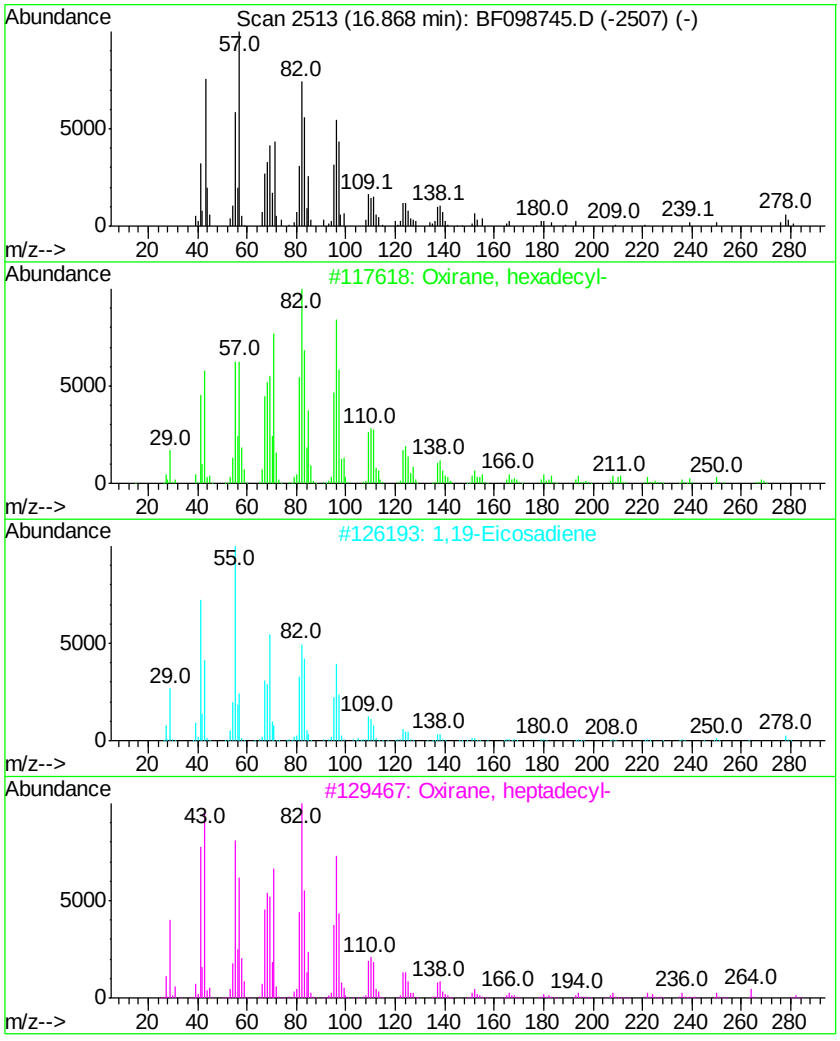
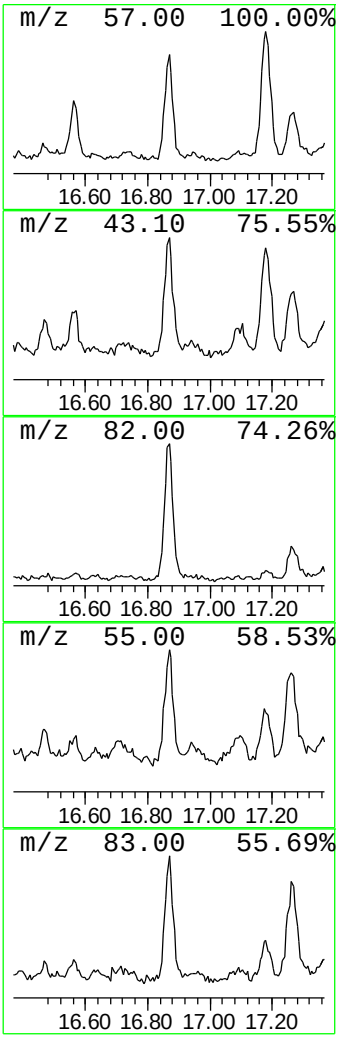
Peak Number 17 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	6.75 ng	302345	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	1,19-Eicosadiene	278	C20H38	014811-95-1	90
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	76
4	Octadecanal	268	C18H36O	000638-66-4	68
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	64





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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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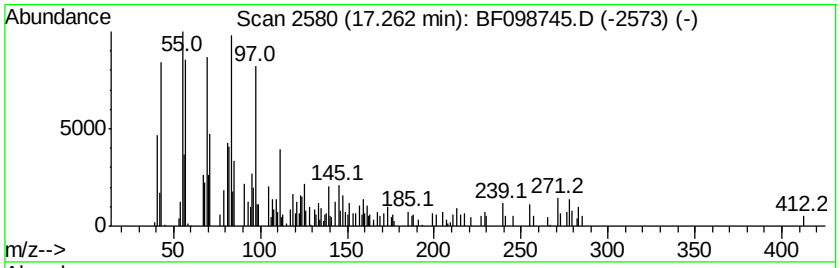
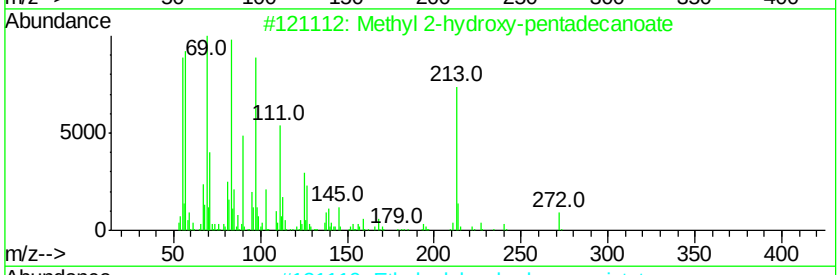
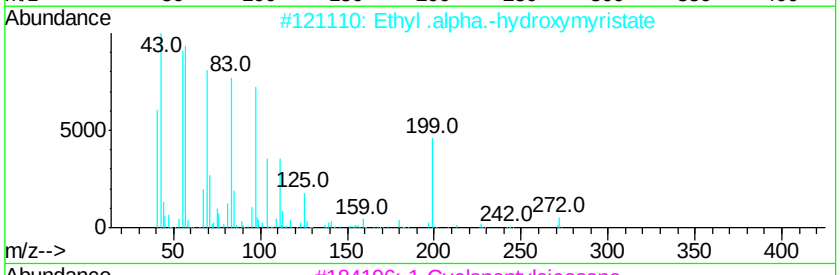
Peak Number 18 Methyl 2-hydroxy-pentadecan... Concentration Rank 17

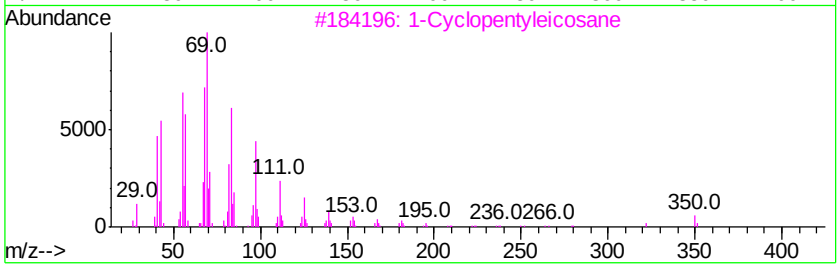
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	6.07 ng	271768	Perylene-d12	15.57

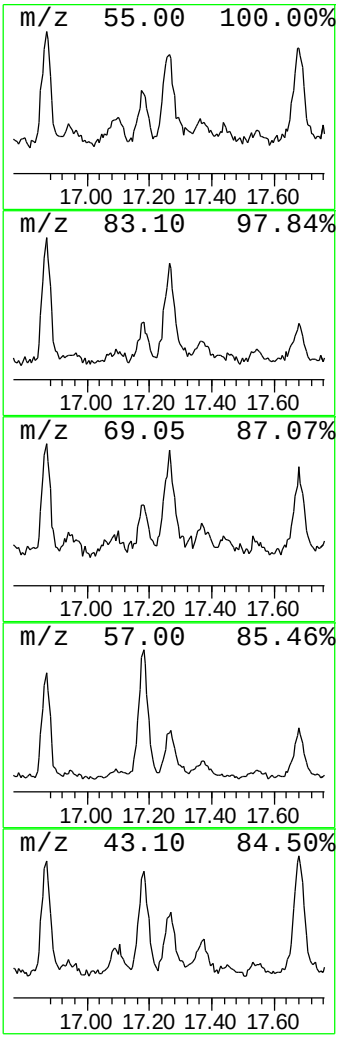
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-hydroxy-pentadecanoate	272	C16H32O3	1000336-35-7	81
2	Ethyl .alpha.-hydroxymyristate	272	C16H32O3	129086-73-3	81
3	1-Cyclopentyleicosane	350	C25H50	1000357-25-6	58
4	Octacosanol	410	C28H58O	000557-61-9	55
5	1-Heptacosanol	396	C27H56O	002004-39-9	55











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Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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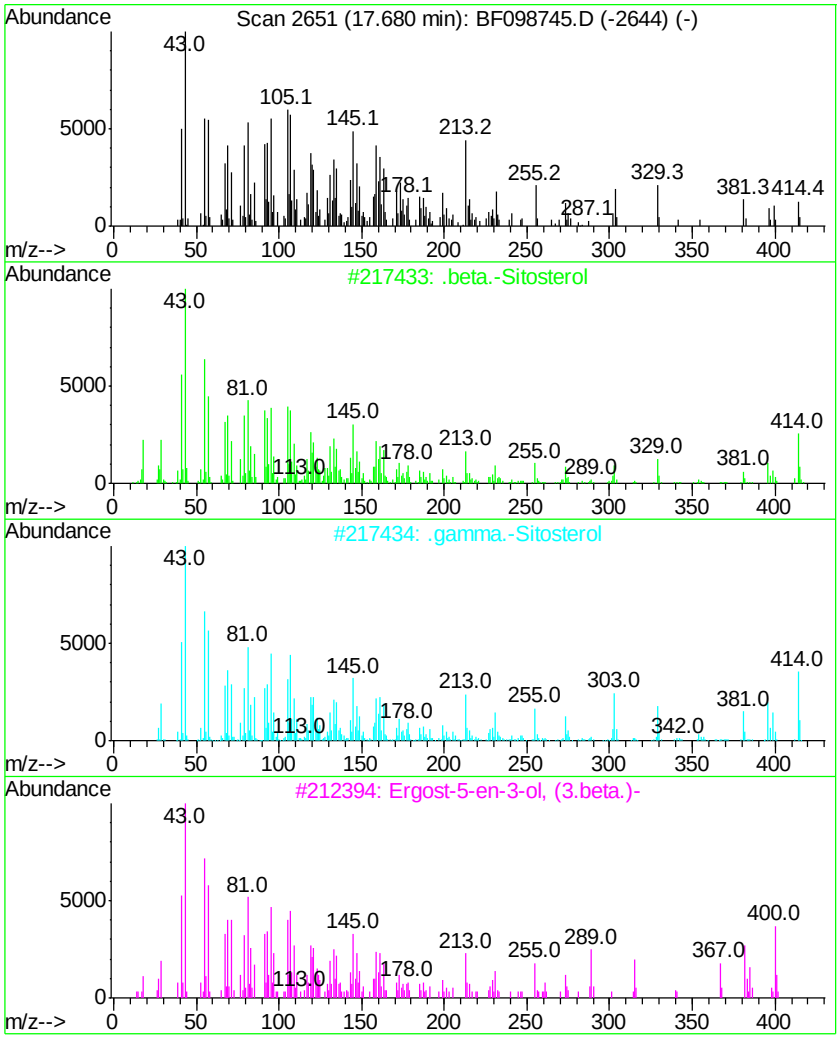
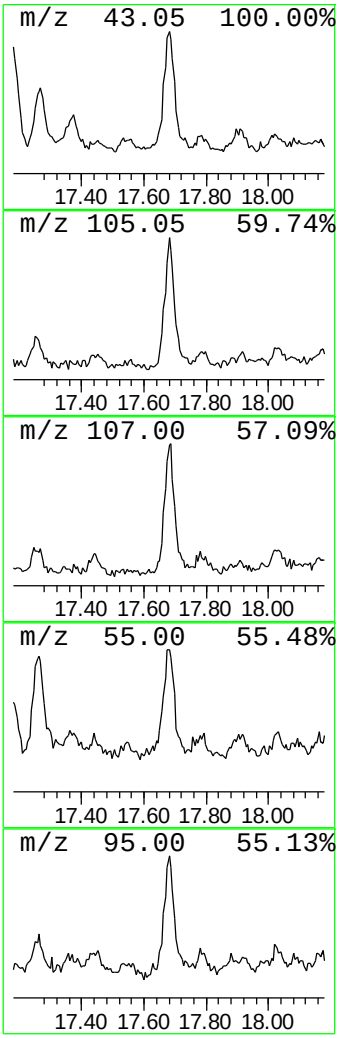
Peak Number 19 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	12.68 ng	567725	Perylene-d12	15.57

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	64
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	49
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	47
5	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

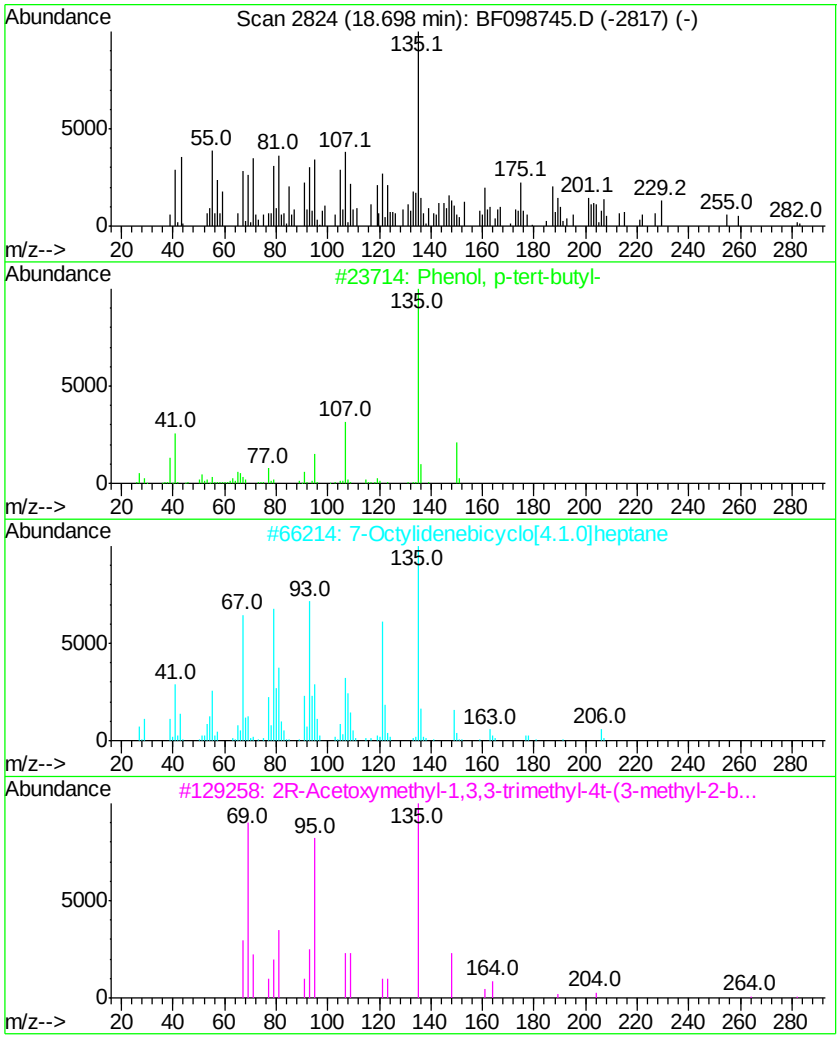
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

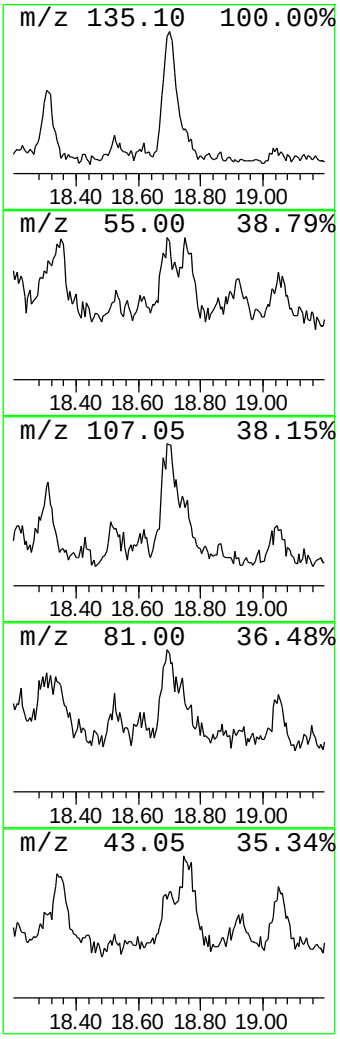
****

Peak Number 20 unknown18.70 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	4.46 ng	199648	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	38
2	7-Octylidenebicyclo[4.1.0]heptane	206	C15H26	082253-11-0	38
3	2R-Acetoxymethyl-1,3,3-trimethyl...	282	C17H30O3	1000146-23-9	35
4	3-Adamantan-1-yl-butan-2-one	206	C14H22O	1000300-40-8	30
5	3,4-Pyridinedimethanol, 6-methyl-	153	C8H11NO2	004664-11-3	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	5.16	15.5	ng	839420	1	6.92	1085290	20.0
.alpha.-Pinene	6.20	10.1	ng	548412	1	6.92	1085290	20.0
unknown6.69	6.69	81.3	ng	4413330	1	6.92	1085290	20.0
n-Hexadecanoic acid	11.96	11.1	ng	668503	4	11.45	1199780	20.0
Octadecanoic acid	12.75	11.5	ng	689492	4	11.45	1199780	20.0
5,8,11,14,17-Eico...	13.79	9.8	ng	459084	5	14.08	939720	20.0
Dehydroabietic acid	13.87	4.5	ng	212029	5	14.08	939720	20.0
Trichloroacetic a...	13.91	7.9	ng	370814	5	14.08	939720	20.0
Ethanol, 2-(tetra...	14.54	6.7	ng	316564	5	14.08	939720	20.0
1,19-Eicosadiene	15.00	10.7	ng	479255	6	15.57	895224	20.0
Nonadecane	15.20	7.1	ng	319218	6	15.57	895224	20.0
1-Heptacosanol	15.22	18.5	ng	827732	6	15.57	895224	20.0
Oxirane, heptadecyl-	15.80	5.2	ng	232779	6	15.57	895224	20.0
Heneicosane	16.04	8.4	ng	375220	6	15.57	895224	20.0
Octacosanol	16.09	6.1	ng	273328	6	15.57	895224	20.0
Oxirane, hexadecyl-	16.87	6.8	ng	302345	6	15.57	895224	20.0
Methyl 2-hydroxy-...	17.26	6.1	ng	271768	6	15.57	895224	20.0
.beta.-Sitosterol	17.68	12.7	ng	567725	6	15.57	895224	20.0
unknown18.70	18.70	4.5	ng	199648	6	15.57	895224	20.0