LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

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-BF031518.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	2.287	30	34	40	rVB	60606	75130	3.86%	0.313%
2	5.204	526	530	536	rBV2	69879	91082	4.68%	0.380%
3	5.592	590	596	603	rBV	1810535	1638285	84.11%	6.828%
4	6.457	738	743	747	rVB3	31464	35051	1.80%	0.146%
5	6.498	747	750	757	rBV4	21906	42916	2.20%	0.179%
6	6.592	761	766	773	rVV	1802516	1628802	83.62%	6.788%
7	6.645	773	775	781	rVB3	14483	23435	1.20%	0.098%
8	6.739	787	791	794	rBV	2003165	1704927	87.53%	7.105%
9	6.792	798	800	804	rVB	30898	28288	1.45%	0.118%
10	6.975	827	831	834	rBV	1023291	855237	43.91%	3.564%
11	7.086	845	850	853	rBV	23018	27542	1.41%	0.115%
12	7.128	853	857	861	rVB	1578161	1292122	66.33%	5.385%
13	7.239	873	876	878	rBV2	37430	34419	1.77%	0.143%
14	7.286	881	884	885	rBV	19823	19872	1.02%	0.083%
15	7.498	914	920	922	rBV2	30103	28988	1.49%	0.121%
16	7.533	922	926	929	rBV	1222995	998756	51.27%	4.162%
17	7.610	934	939	942	rBV5	16770	27979	1.44%	0.117%
18	7.763	962	965	972	rVB4	21090	30210	1.55%	0.126%
19	7.986	1001	1003	1005	rVB2	31001	22181	1.14%	0.092%
20	8.222	1040	1043	1045	rBV	25559	26308	1.35%	0.110%
21	8.257	1045	1049	1054	rVV	1318600	1150420	59.06%	4.794%
22	8.298	1054	1056	1060	rVB	47090	41397	2.13%	0.173%
23	8.533	1093	1096	1101	rVB5	24781	33243	1.71%	0.139%
24	8.833	1144	1147	1151	rBV4	21460	28382	1.46%	0.118%
25	9.192	1205	1208	1213	rBV5	18626	23868	1.23%	0.099%
26	9.327	1227	1231	1240	rBV	2065294	1757666	90.23%	7.325%
27	9.398	1240	1243	1246	rVB2	39391	40320	2.07%	0.168%
28	9.592	1273	1276	1282	rBV3	18365	30210	1.55%	0.126%
29	9.669	1282	1289	1292	rBV4	27351	44540	2.29%	0.186%
30	9.716	1294	1297	1305	rVB	132076	134053	6.88%	0.559%
31	9.774	1305	1307	1310	rBV3	16009	20181	1.04%	0.084%
32	9.874	1321	1324	1326	rBV	29826	25338	1.30%	0.106%
33	9.927	1329	1333	1337	rVV2	93495	82367	4.23%	0.343%
34	10.016	1344	1348	1362	rVB	1351384	1239392	63.63%	5.165%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.210	1379	1381	1385	rVB3	26259	25444	1.31%	0.106%
36	10.251	1385	1388	1392	rBV3	35176	35692	1.83%	0.149%
37	10.327	1398	1401	1403	rBV2	26795	28130	1.44%	0.117%
38	10.357	1403	1406	1412	rVV3	21452	29421	1.51%	0.123%
39	10.427	1412	1418	1421	rVV	128107	121584	6.24%	0.507%
40	10.645	1450	1455	1458	rBV2	44825	53690	2.76%	0.224%
41	10.804	1478	1482	1492	rBV	1167856	1062851	54.56%	4.429%
42	10.904	1495	1499	1509	rVB2	100607	149711	7.69%	0.624%
43	11.057	1522	1525	1528	rVB2	21542	20866	1.07%	0.087%
44	11.098	1528	1532	1535	rBV6	13241	23068	1.18%	0.096%
45	11.145	1538	1540	1545	rVB4	20433	23200	1.19%	0.097%
46	11.351	1572	1575	1577	rBV	75573	58285	2.99%	0.243%
47	11.380	1577	1580	1587	rVB3	44993	60200	3.09%	0.251%
48	11.510	1598	1602	1604	rBV	1176835	1074095	55.14%	4.476%
49	11.533	1604	1606	1610	rVB	84521	76478	3.93%	0.319%
50	11.780	1645	1648	1651	rVB	42774	31156	1.60%	0.130%
51	11.880	1662	1665	1668	rBV	803059	598140	30.71%	2.493%
52	12.010	1684	1687	1690	rBV2	47117	51644	2.65%	0.215%
53	12.039	1690	1692	1696	rVB2	31910	29675	1.52%	0.124%
54	12.121	1703	1706	1709	rBV3	25059	32321	1.66%	0.135%
55	12.186	1714	1717	1719	rBV2	39590	36396	1.87%	0.152%
56	12.568	1778	1782	1784	rBV	2003023	1947901	100.00%	8.118%
57	12.592	1784	1786	1792	rVB2	1643032	1430188	73.42%	5.960%
58	12.674	1797	1800	1804	rVB	325141	258466	13.27%	1.077%
59	12.727	1805	1809	1812	rBV	91923	89649	4.60%	0.374%
60	12.910	1838	1840	1843	rVB3	28917	24757	1.27%	0.103%
61	12.957	1844	1848	1854	rVB2	116485	150422	7.72%	0.627%
62	13.092	1867	1871	1874	rBV	1570482	1296398	66.55%	5.403%
63	13.239	1893	1896	1898	rBV3	46204	44016	2.26%	0.183%
64	13.310	1906	1908	1909	rBV	29373	22578	1.16%	0.094%
65	13.974	2018	2021	2024	rBV2	116766	112492	5.78%	0.469%
66	14.162	2049	2053	2056	rBV	867610	847120	43.49%	3.530%
67	15.015	2196	2198	2203	rVB	120114	117857	6.05%	0.491%
68	15.709	2311	2316	2322	rBV	559300	748095	38.41%	3.118%

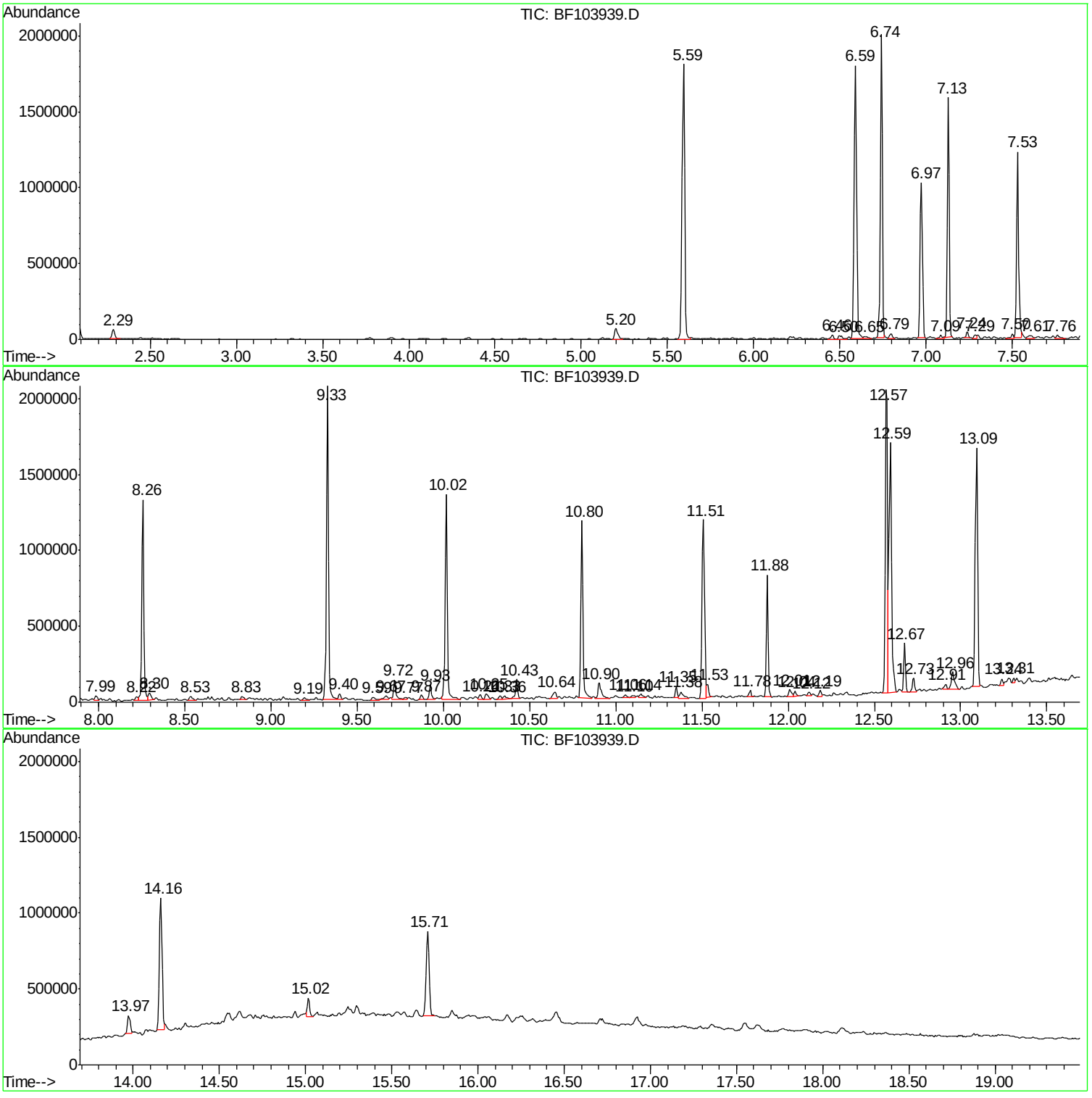
Sum of corrected areas: 23994893

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
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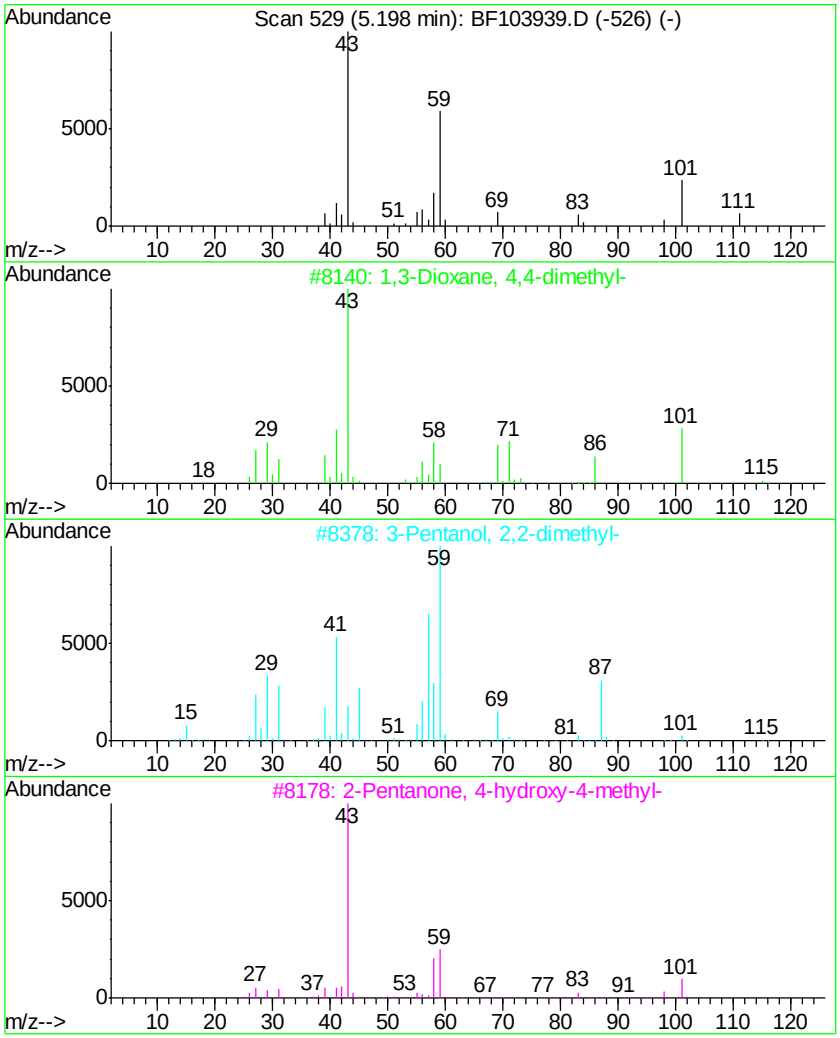
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

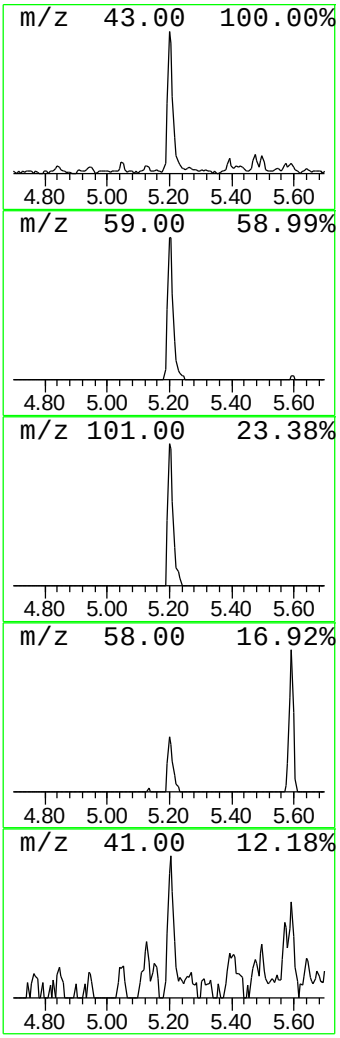
****

Peak Number 1 unknown5.20 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.13 ng	91082	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	37
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	32
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

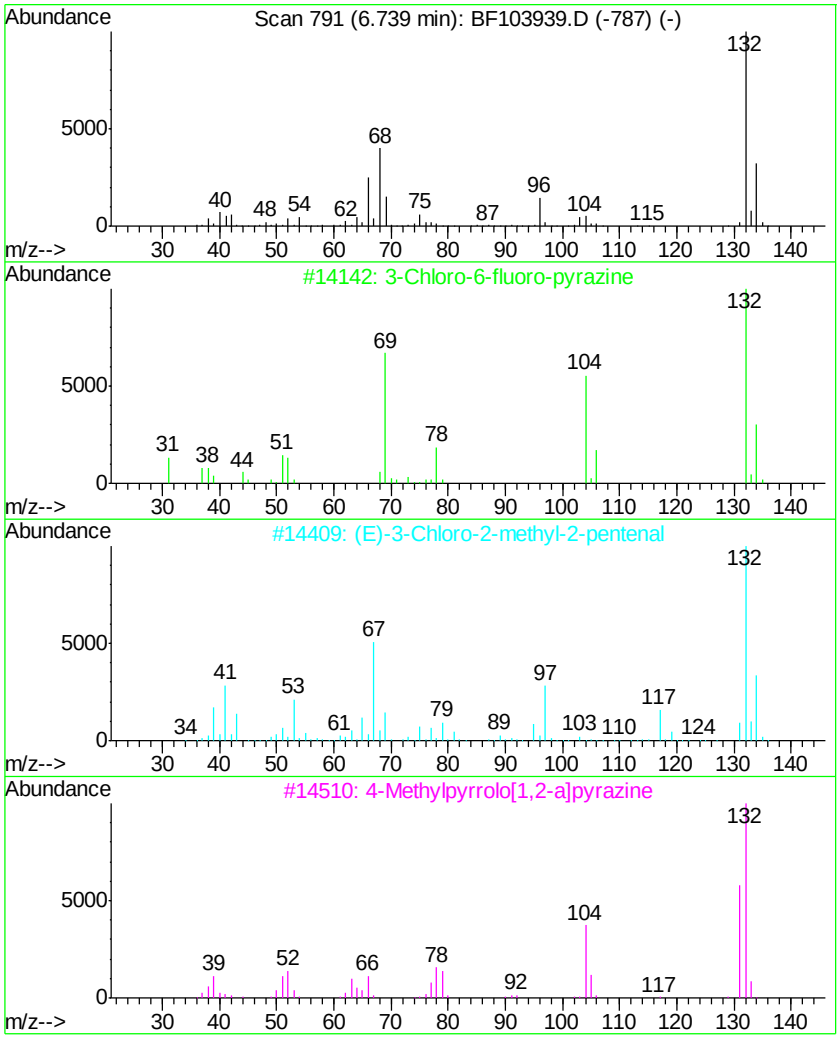
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

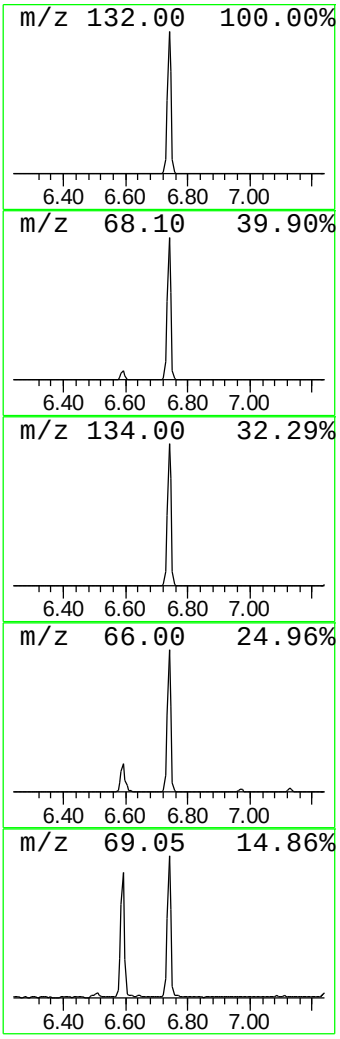
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	39.87 ng	1704930	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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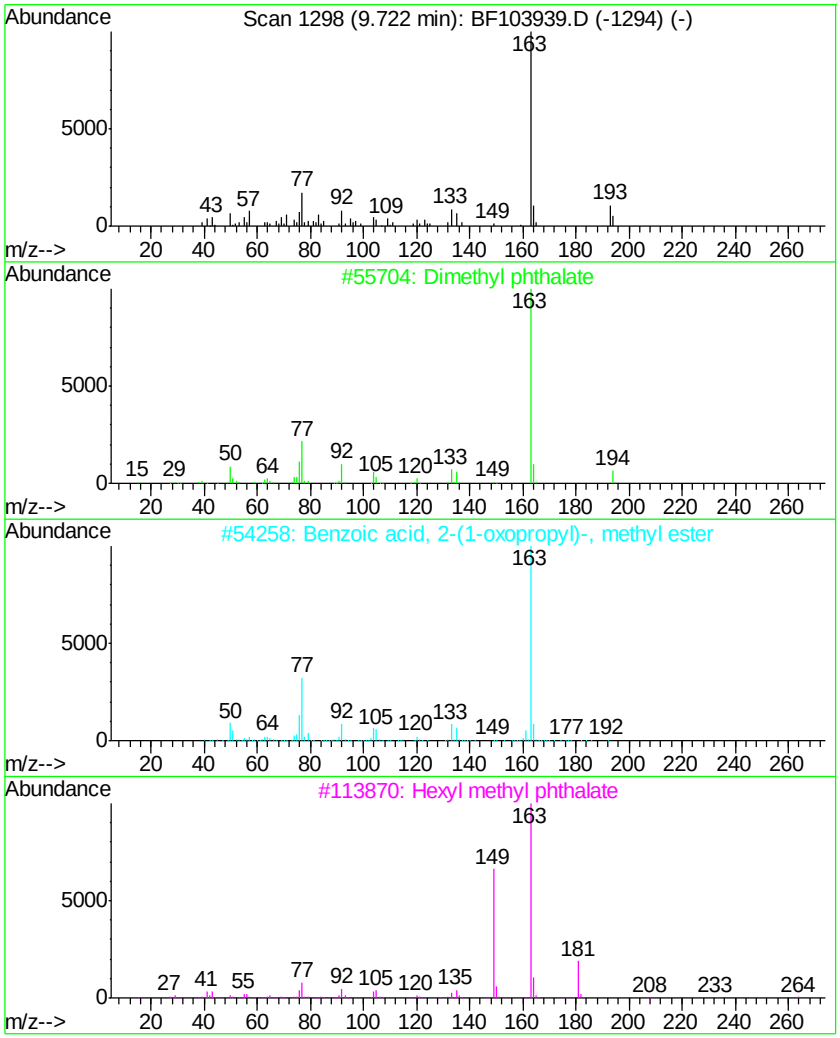
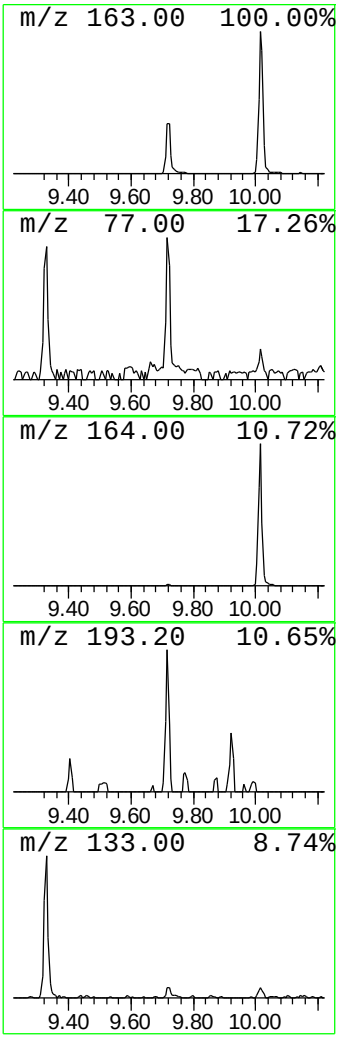
Peak Number 4 Dimethyl phthalate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.16 ng	134053	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	96
2	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	64
3	Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	59
4	Heptyl methyl phthalate	278	C16H22O4	1000373-88-4	59
5	Methyl propyl phthalate	222	C12H14O4	1000373-89-2	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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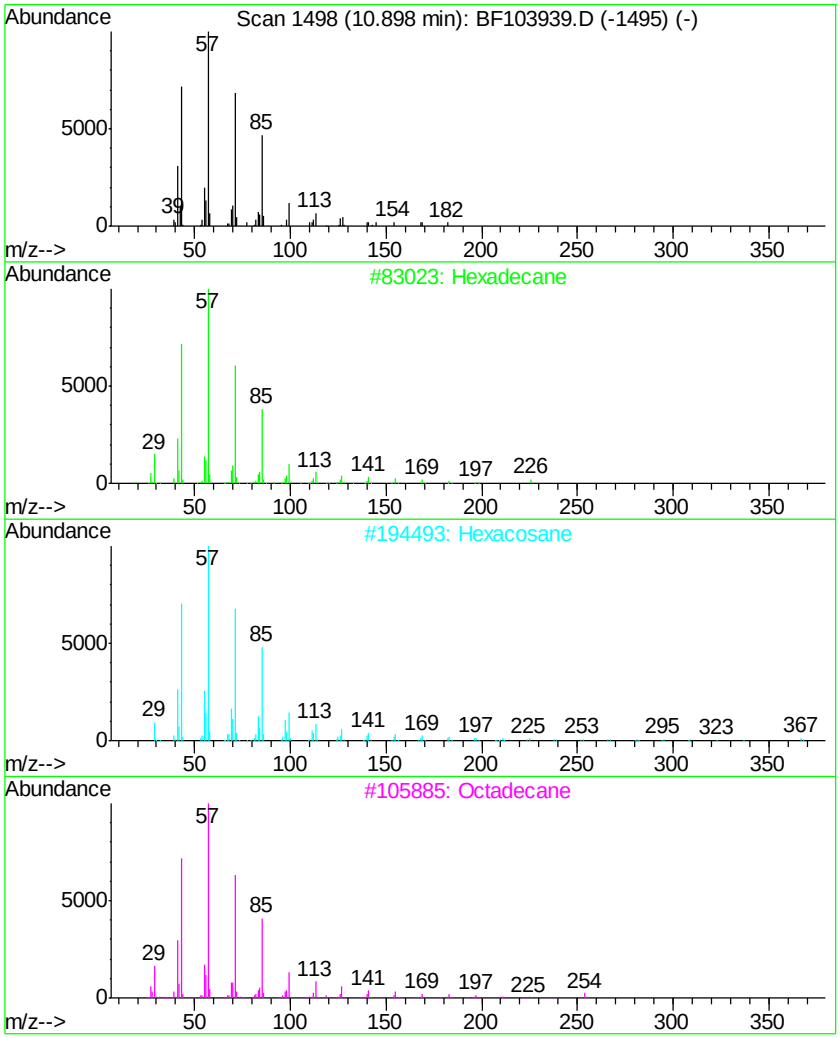
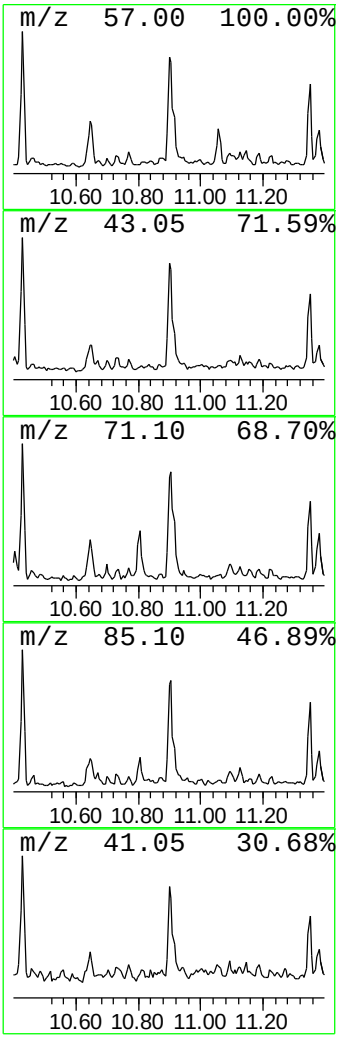
Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.79 ng	149711	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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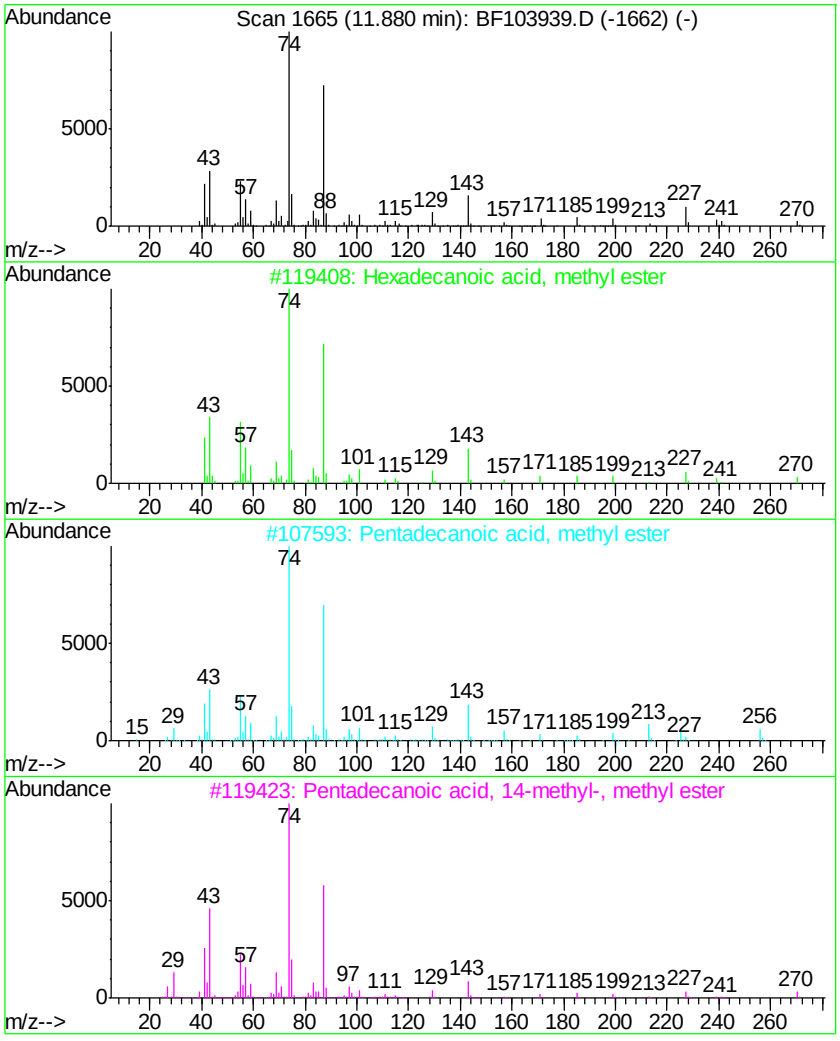
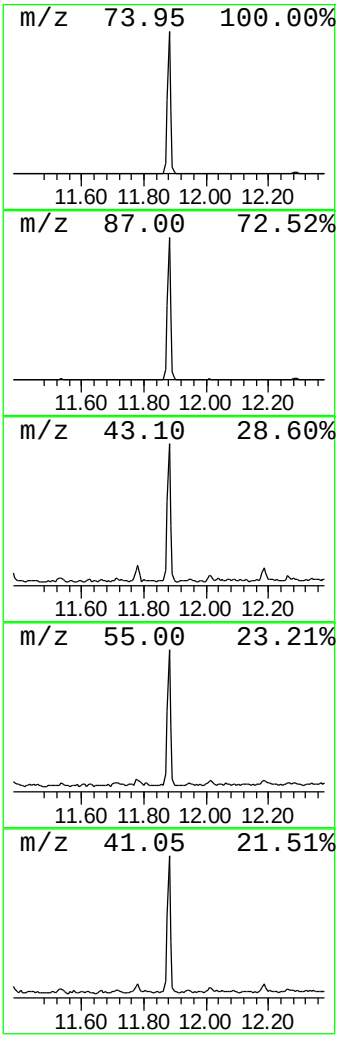
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	11.14 ng	598140	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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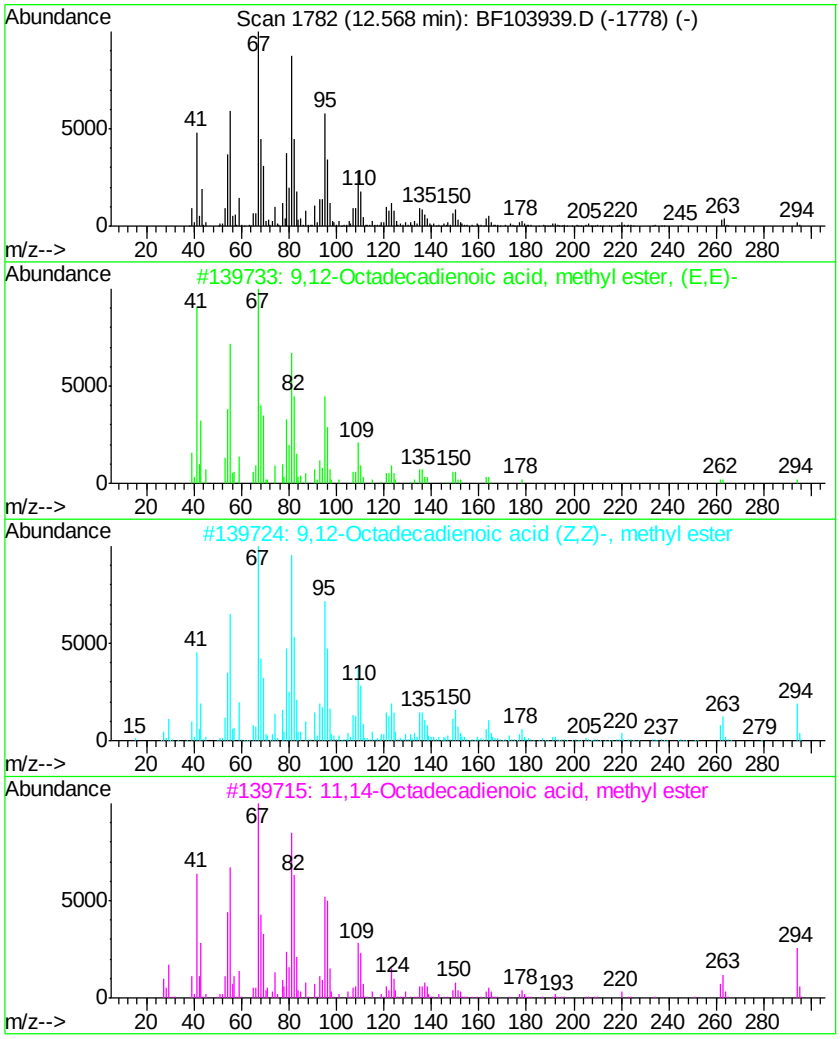
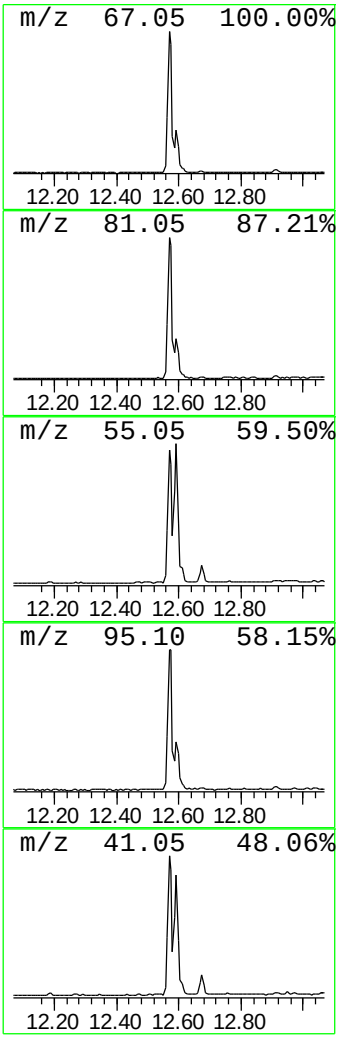
Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	36.27 ng	1947900	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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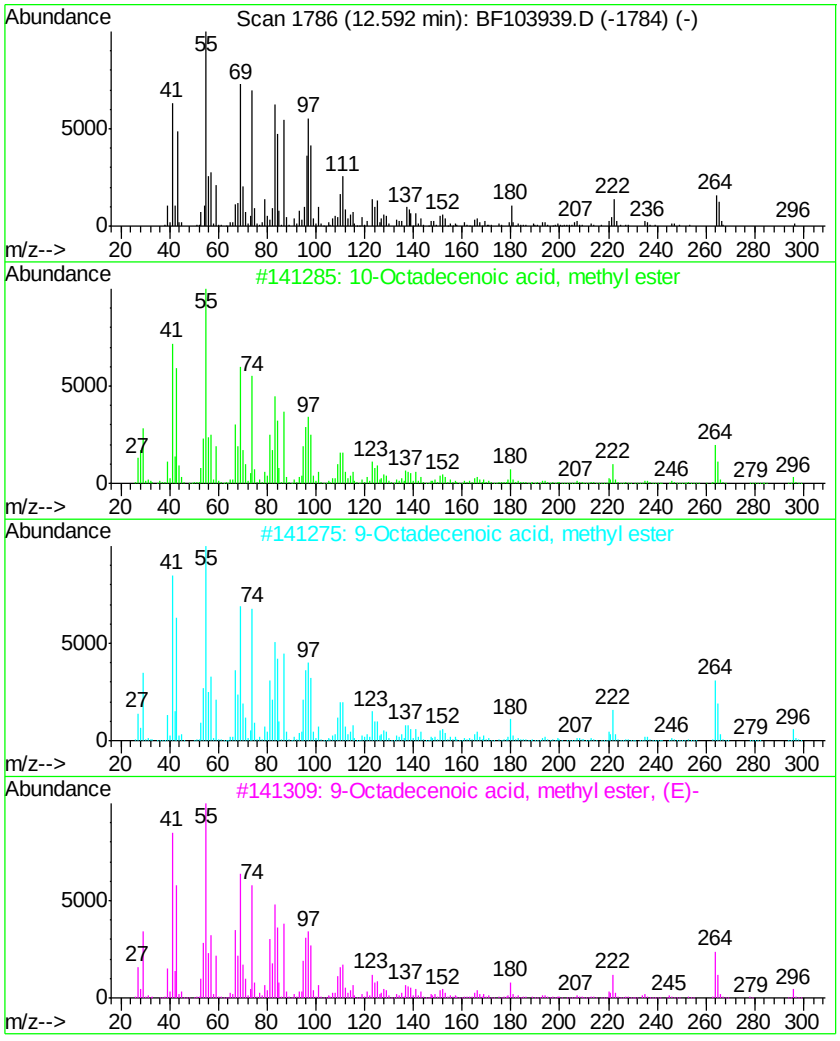
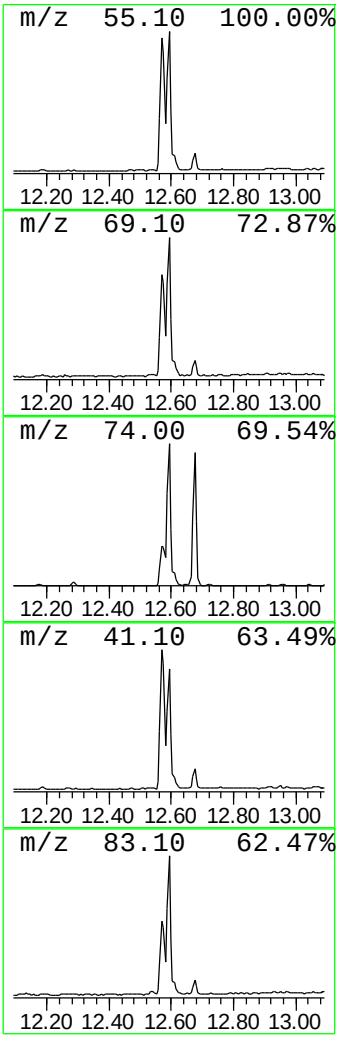
Peak Number 8 10-Octadecenoic acid, methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	26.63 ng	1430190	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	93
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	93
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91





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Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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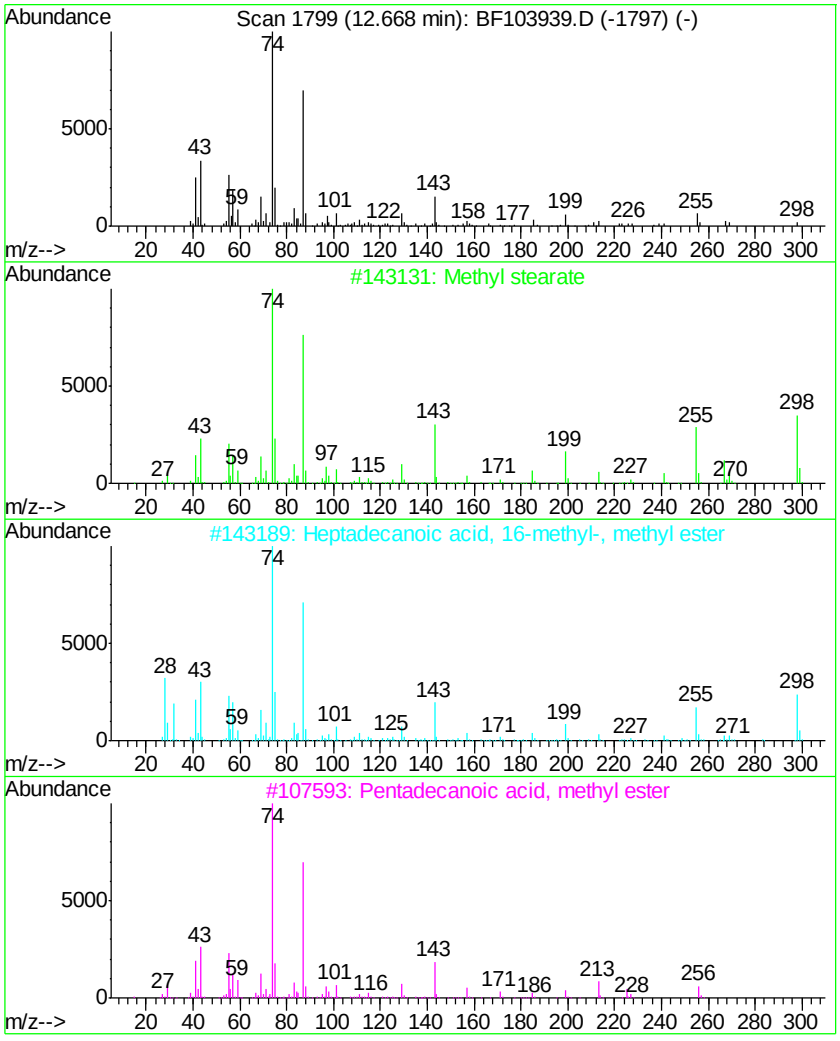
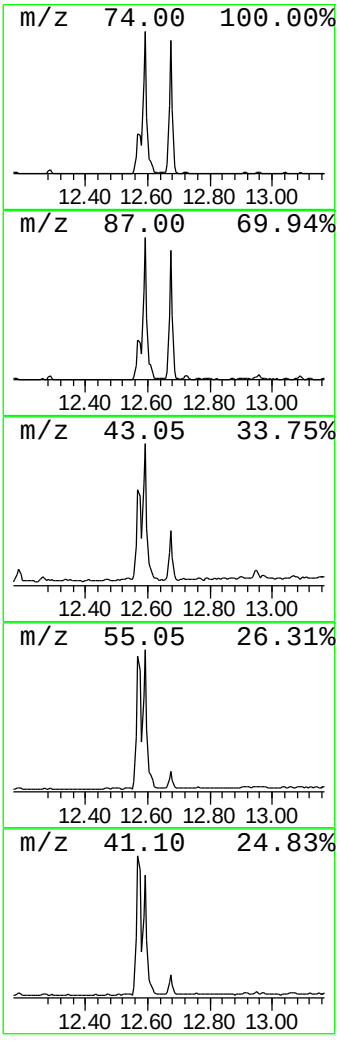
Peak Number 9 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	4.81 ng	258466	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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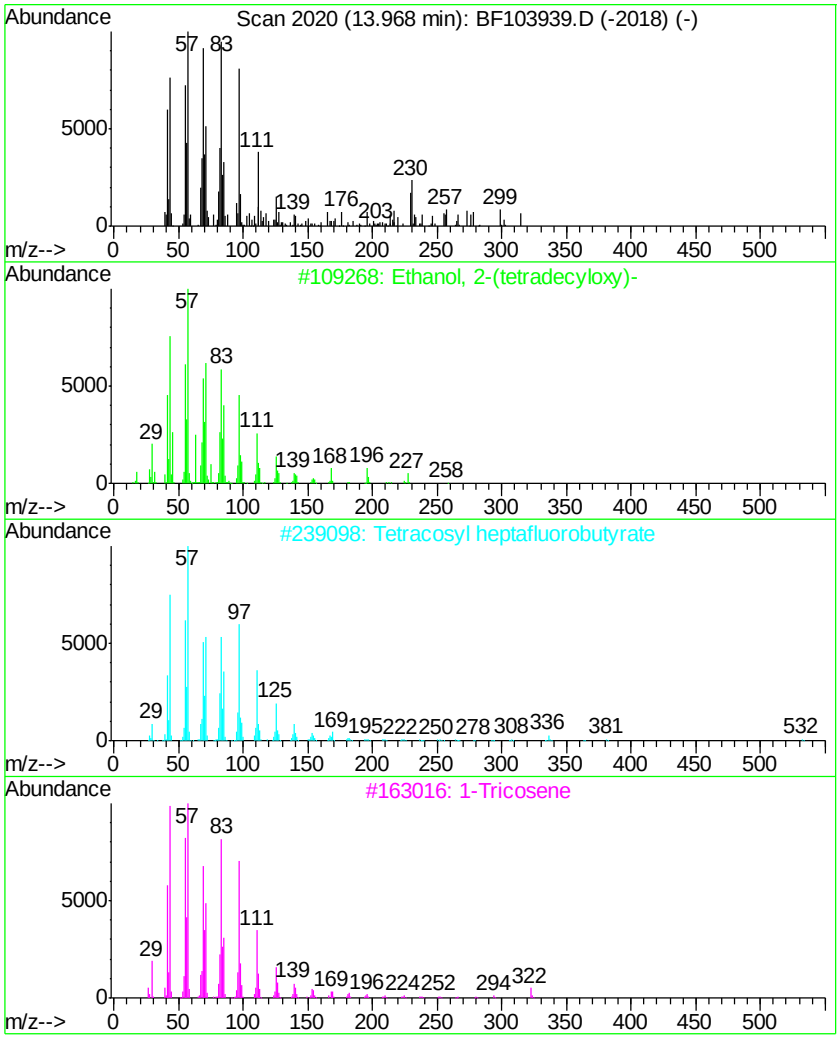
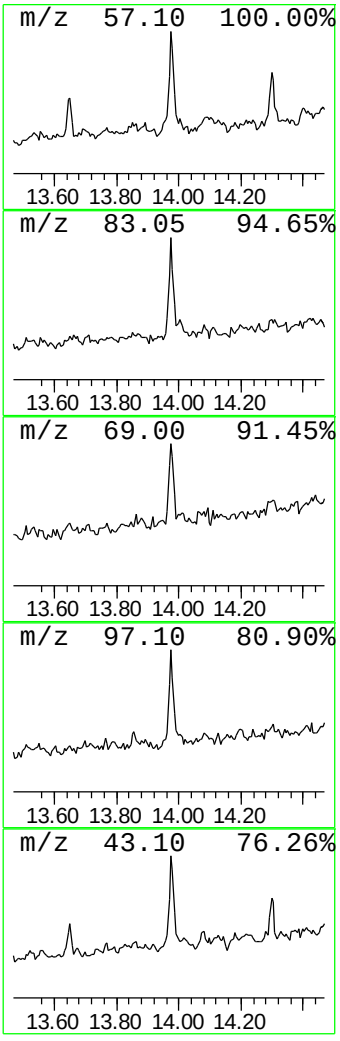
Peak Number 11 Ethanol, 2-(tetradecyloxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.66 ng	112492	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
3	1-Tricosene	322	C23H46	018835-32-0	83
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	76
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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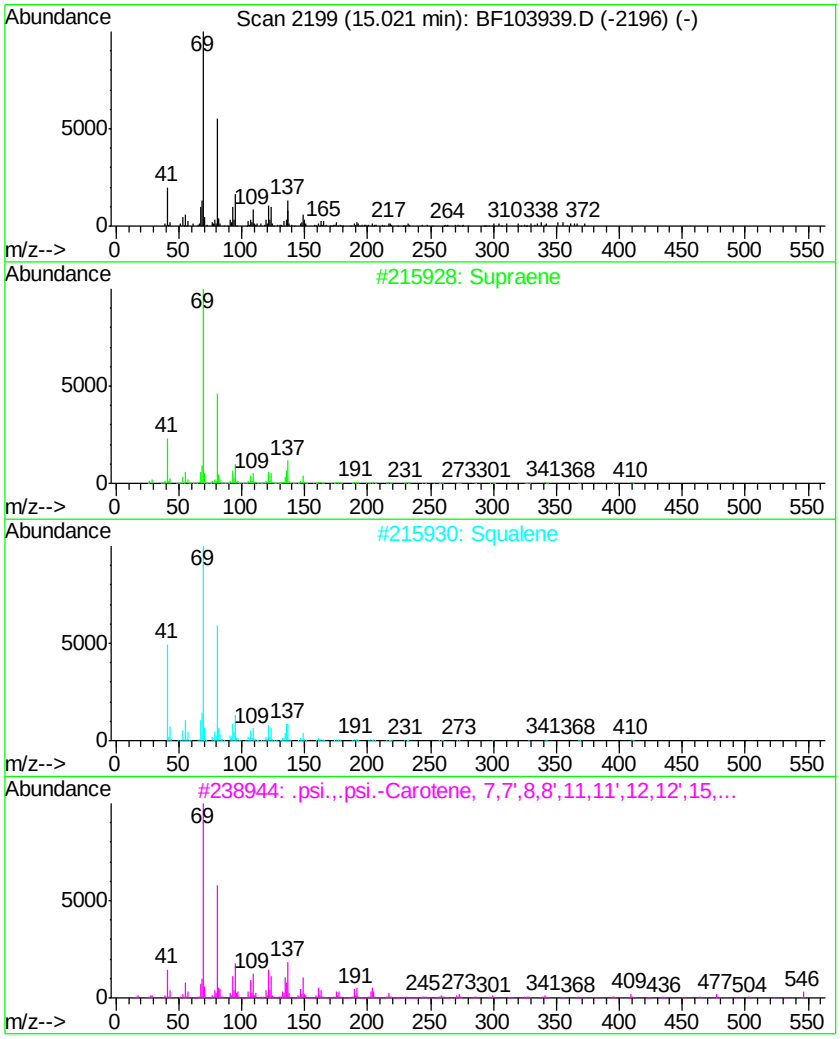
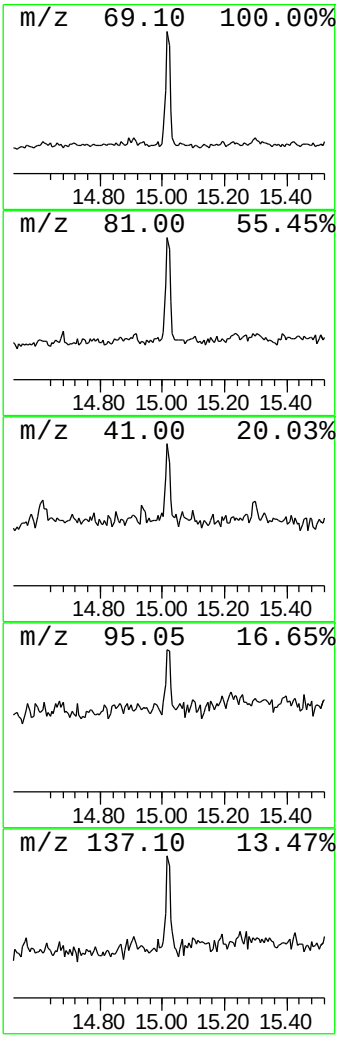
Peak Number 12 Supraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.15 ng	117857	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	Squalene	410	C30H50	000111-02-4	87
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	72
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	68
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
Data File : BF103939.D
Acq On : 26 Mar 2018 21:40
Operator : JU/SJ
Sample : J1760-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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
unknown5.20	5.20	2.1	ng	91082	1	6.97	855237	20.0
unknown6.74	6.74	39.9	ng	1704930	1	6.97	855237	20.0
Dimethyl phthalate	9.72	2.2	ng	134053	3	10.02	1239390	20.0
Hexadecane	10.90	2.8	ng	149711	4	11.51	1074100	20.0
Hexadecanoic acid...	11.88	11.1	ng	598140	4	11.51	1074100	20.0
9,12-Octadecadien...	12.57	36.3	ng	1947900	4	11.51	1074100	20.0
10-Octadecenoic a...	12.59	26.6	ng	1430190	4	11.51	1074100	20.0
Methyl stearate	12.67	4.8	ng	258466	4	11.51	1074100	20.0
Ethanol, 2-(tetra...	13.97	2.7	ng	112492	5	14.16	847120	20.0
Supraene	15.02	3.1	ng	117857	6	15.71	748095	20.0