LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110337.D
Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

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-BF102318.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	2.299	31	36	47	rVB	320974	448281	20.58%	1.912%
2	5.216	528	532	543	rVB	59620	85725	3.94%	0.366%
3	5.604	593	598	613	rBV	1816754	1864594	85.60%	7.953%
4	6.598	763	767	788	rBV	1726031	1953204	89.67%	8.331%
5	6.745	788	792	795	rBV	2195065	1900237	87.24%	8.105%
6	6.975	828	831	835	rBV	477124	378513	17.38%	1.615%
7	7.133	854	858	861	rBV	1622852	1490146	68.41%	6.356%
8	7.539	922	927	936	rBV	1148967	1114990	51.19%	4.756%
9	8.257	1045	1049	1068	rBV	409905	428314	19.66%	1.827%
10	9.333	1227	1232	1247	rBV	1962530	1907217	87.56%	8.135%
11	9.722	1294	1298	1306	rBV	221448	192341	8.83%	0.820%
12	10.022	1345	1349	1357	rBV	422219	428456	19.67%	1.828%
13	10.816	1480	1484	1496	rBV	1067756	1101285	50.56%	4.697%
14	11.010	1511	1517	1523	rBV	50889	43223	1.98%	0.184%
15	11.516	1599	1603	1610	rBV	515479	458869	21.07%	1.957%
16	11.804	1650	1652	1656	rVB	71222	62312	2.86%	0.266%
17	11.880	1662	1665	1669	rBV	941787	810003	37.19%	3.455%
18	12.021	1686	1689	1693	rBV2	32617	30801	1.41%	0.131%
19	12.292	1731	1735	1738	rBV	50834	41123	1.89%	0.175%
20	12.574	1779	1783	1784	rBV	1418572	1180156	54.18%	5.034%
21	12.592	1784	1786	1793	rVV	2123292	2178157	100.00%	9.291%
22	12.645	1793	1795	1797	rVV	31226	22544	1.04%	0.096%
23	12.674	1797	1800	1804	rVB	573947	465354	21.36%	1.985%
24	12.733	1807	1810	1813	rBV	29440	29895	1.37%	0.128%
25	12.915	1836	1841	1845	rBV5	23090	27157	1.25%	0.116%
26	12.968	1845	1850	1855	rVB	31860	48144	2.21%	0.205%
27	13.104	1868	1873	1876	rBV	2148447	2052061	94.21%	8.753%
28	13.310	1903	1908	1909	rBV4	21631	29395	1.35%	0.125%
29	13.321	1909	1910	1916	rVB2	36995	36851	1.69%	0.157%
30	13.404	1921	1924	1926	rBV	31295	29072	1.33%	0.124%
31	13.651	1962	1966	1968	rBV2	20362	23204	1.07%	0.099%
32	13.980	2018	2022	2028	rBV	160506	189758	8.71%	0.809%
33	14.068	2035	2037	2041	rBV4	20289	26715	1.23%	0.114%
34	14.168	2050	2054	2058	rBV	547118	525045	24.11%	2.240%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110337.D
Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.292	2073	2075	2080	rBV	54582	56592	2.60%	0.241%
36	14.604	2125	2128	2136	rVB	113403	148617	6.82%	0.634%
37	14.921	2179	2182	2187	rVB	141483	154314	7.08%	0.658%
38	15.004	2193	2196	2199	rVB	116020	108649	4.99%	0.463%
39	15.080	2205	2209	2212	rBV	125091	131704	6.05%	0.562%
40	15.280	2239	2243	2247	rBV	302256	334256	15.35%	1.426%
41	15.321	2247	2250	2256	rVB3	53784	73403	3.37%	0.313%
42	15.680	2308	2311	2313	rBV	135108	169757	7.79%	0.724%
43	15.709	2313	2316	2323	rVB2	213348	285895	13.13%	1.219%
44	16.151	2386	2391	2396	rVB	180832	268350	12.32%	1.145%
45	16.692	2479	2483	2489	rVB2	66738	109707	5.04%	0.468%

Sum of corrected areas: 23444386

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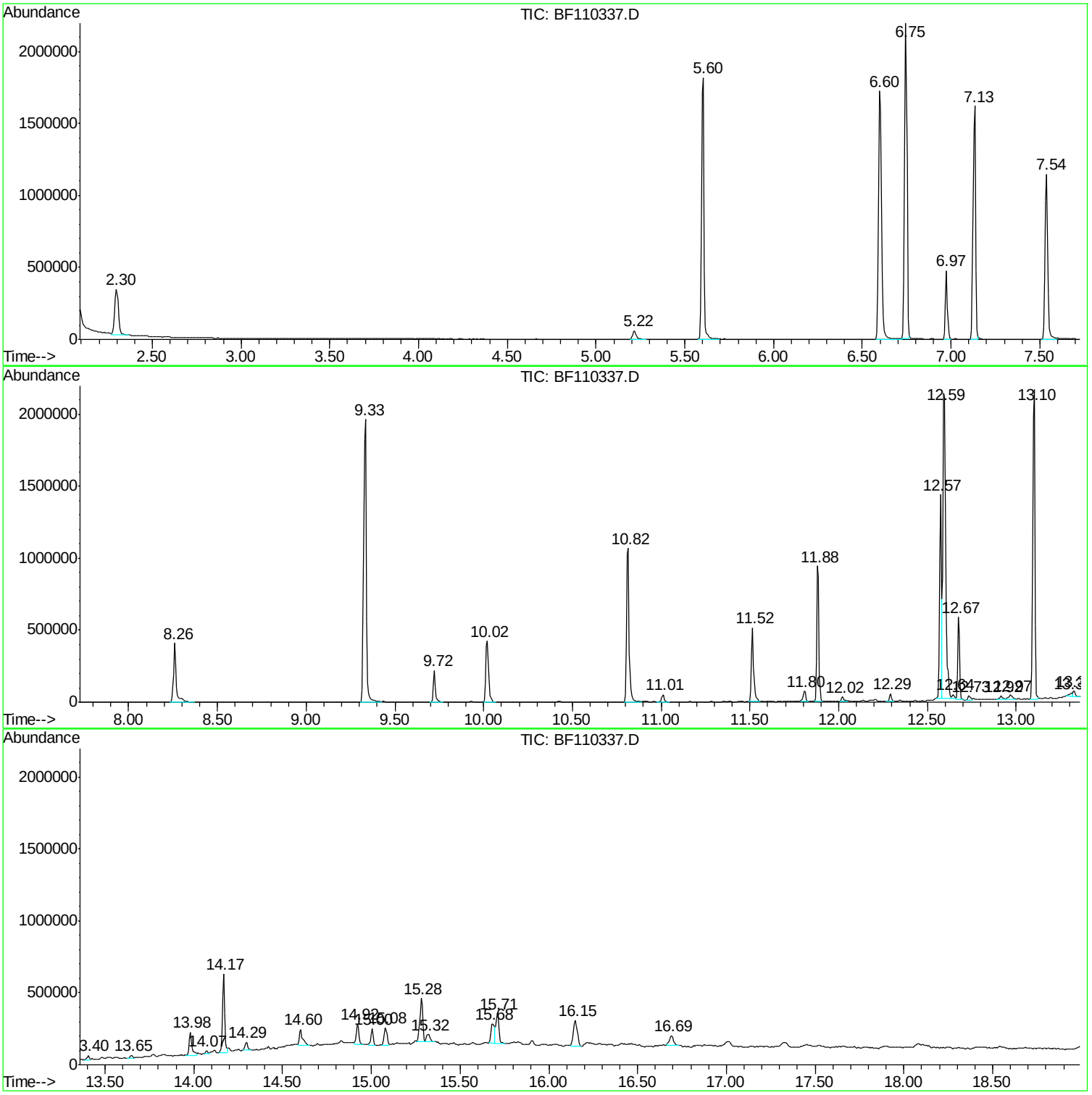
Instrument :
BNA_F
ClientSampleId :
TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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

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Data File : BF110337.D
Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

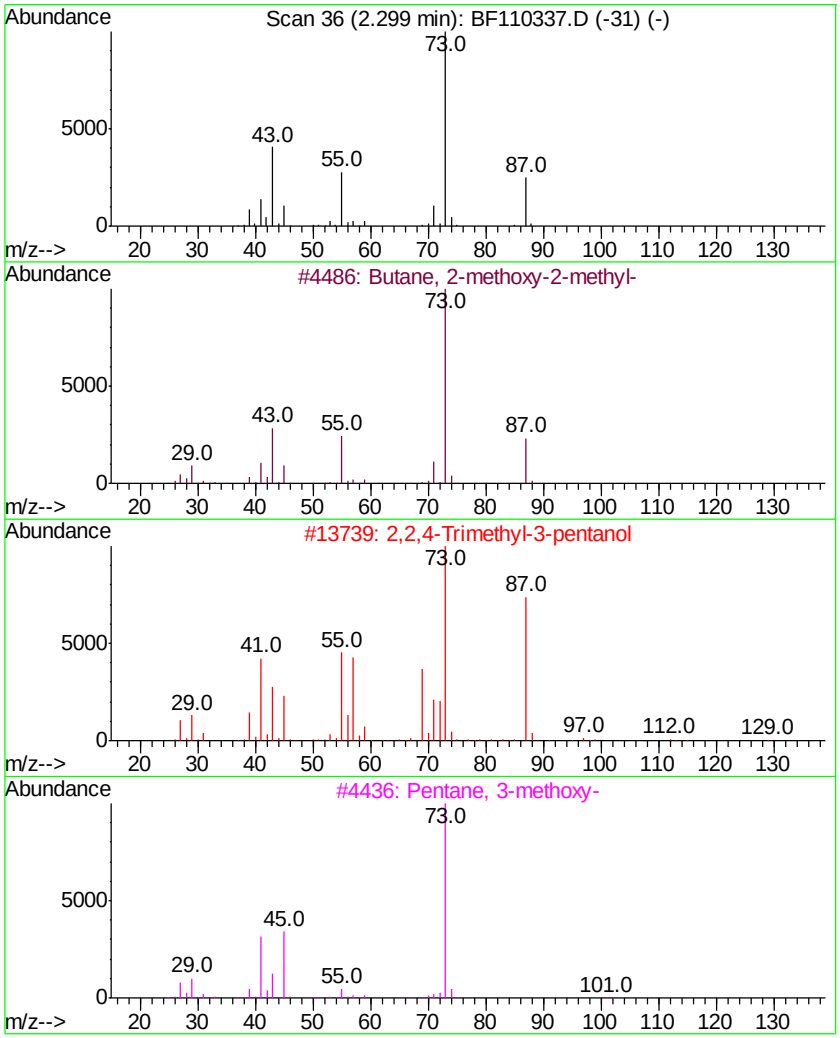
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

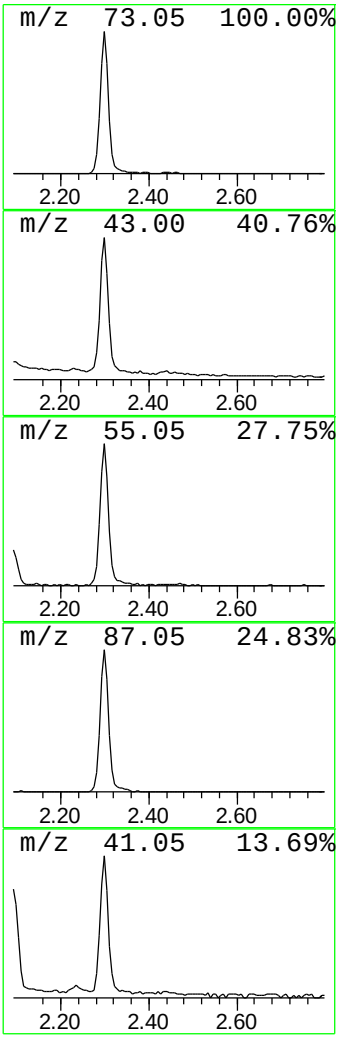
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	23.69 ng	448281	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

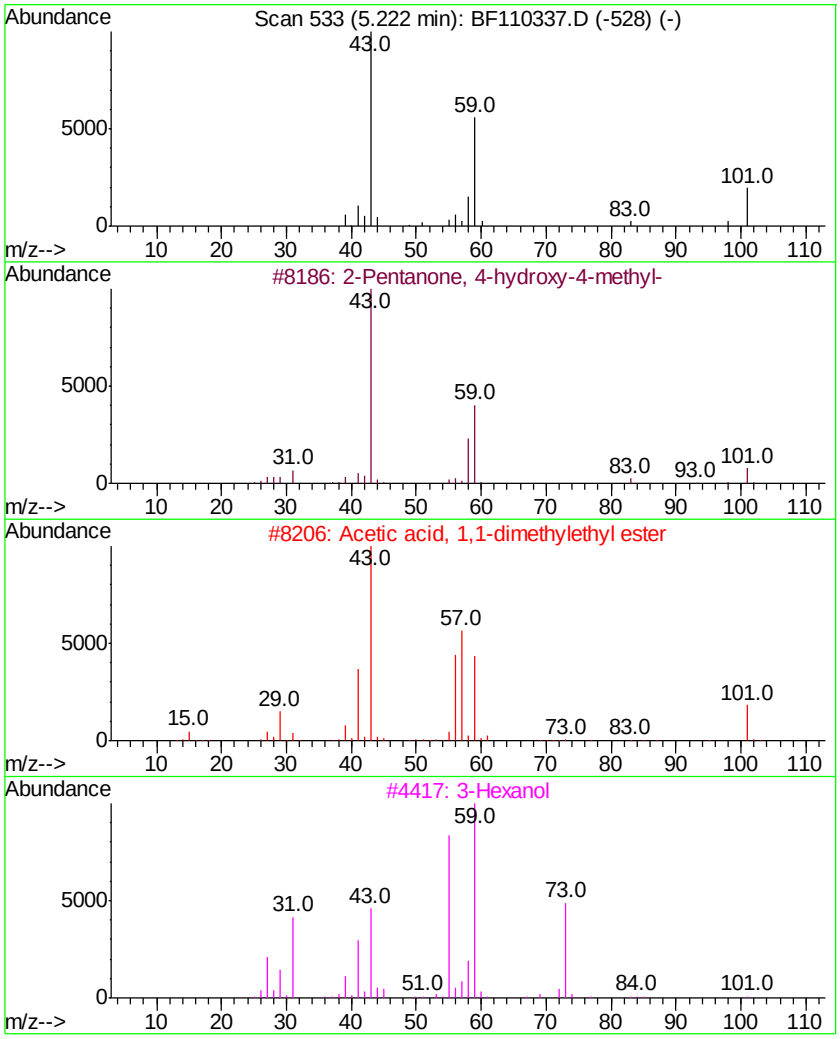
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

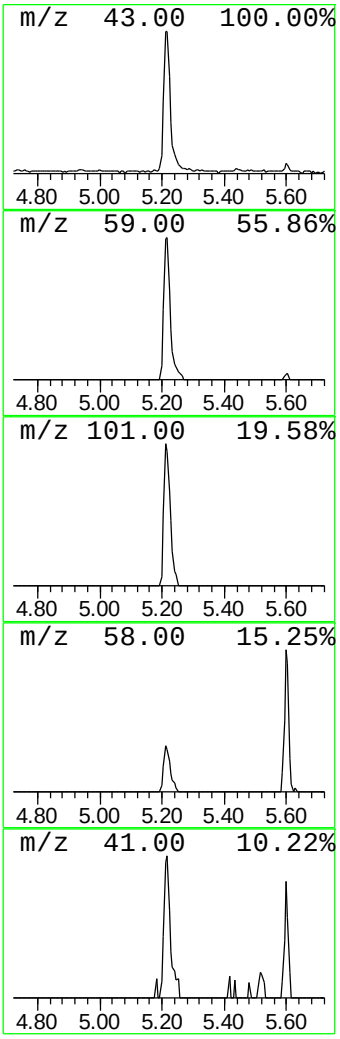
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.53 ng	85725	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110337.D
Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

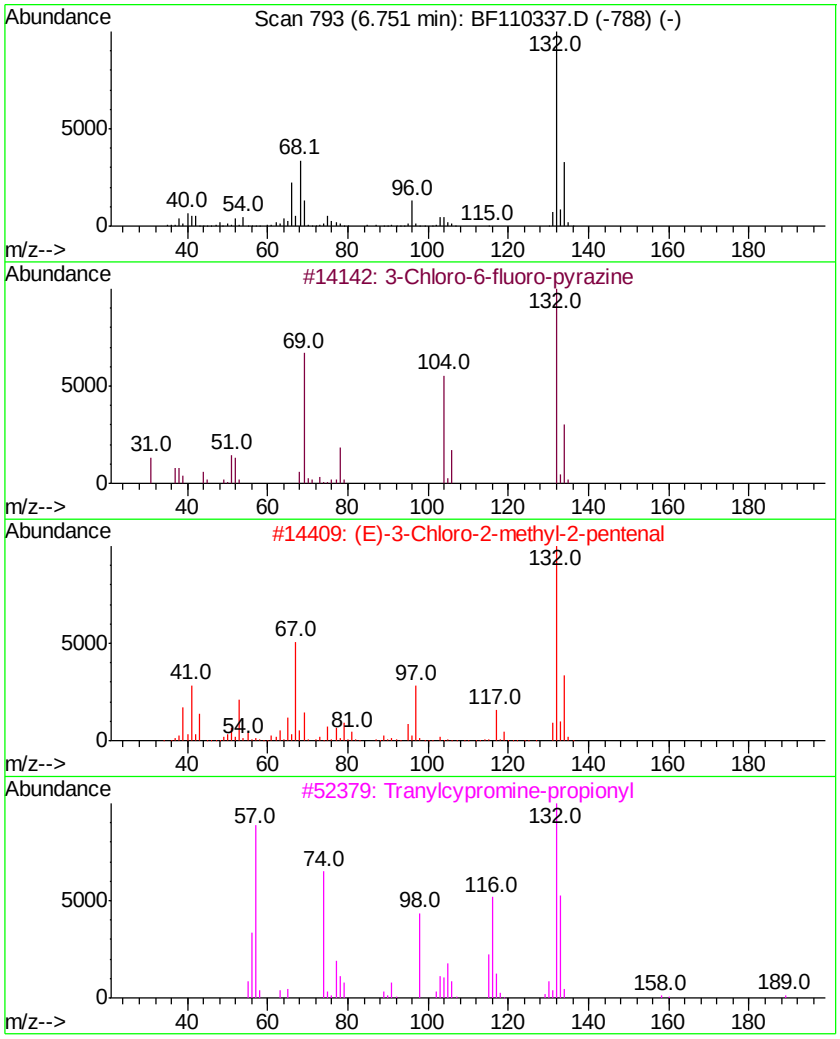
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

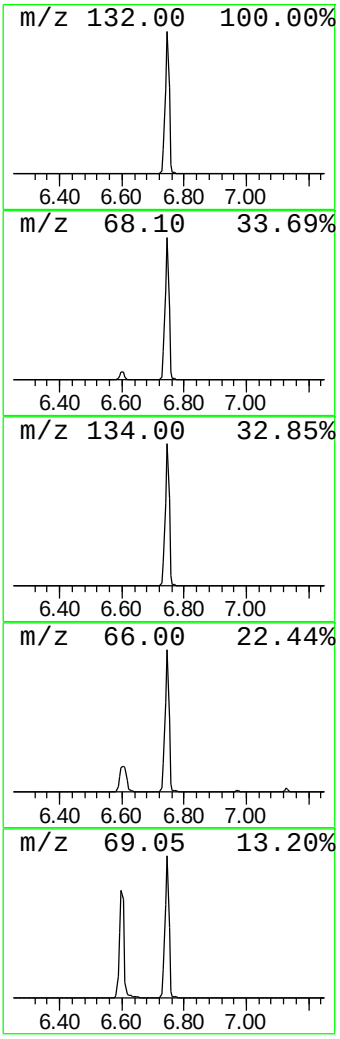
****

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	100.41 ng	1900240	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110337.D
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Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

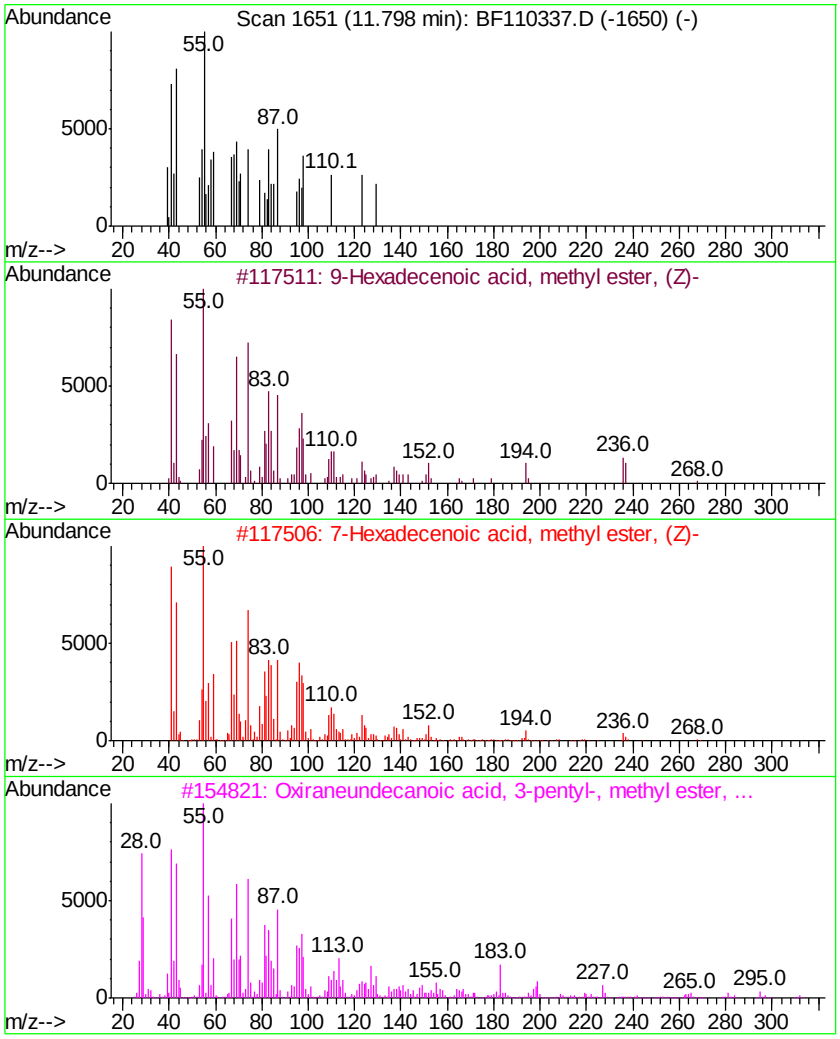
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

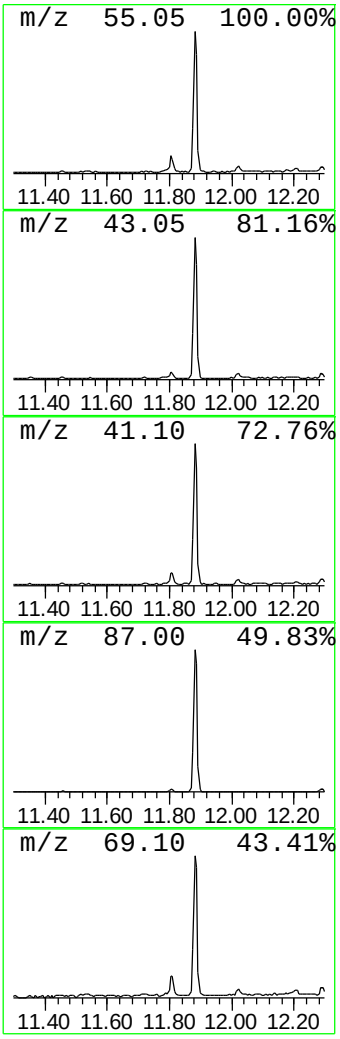
****

Peak Number 5 9-Hexadecenoic acid, methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.72 ng	62312	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	91
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	74
3	Oxiraneundecanoic acid, 3-pentyl...	312	C19H36O3	038520-31-9	58
4	9-Dodecenoic acid, methyl ester,...	212	C13H24O2	055030-26-7	52
5	3-Cyclopropylcarbonyloxytetradecane	282	C18H34O2	1000245-58-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110337.D
Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

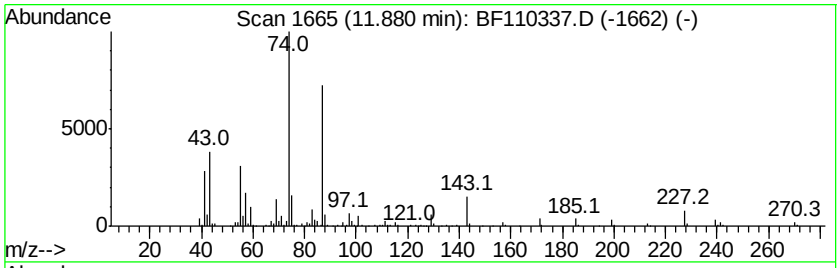
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

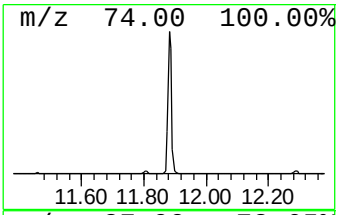
****

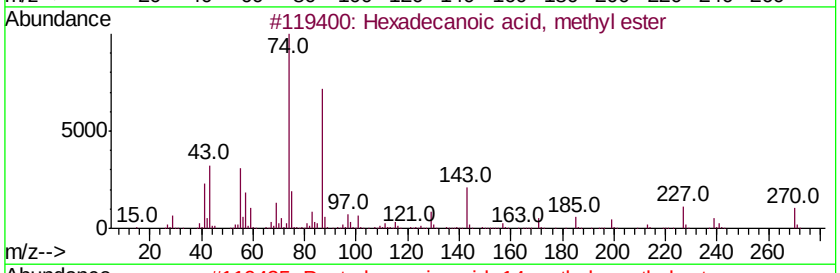
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 5

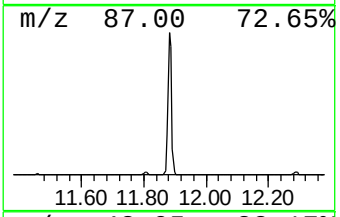
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	35.30 ng	810003	Phenanthrene-d10	11.52

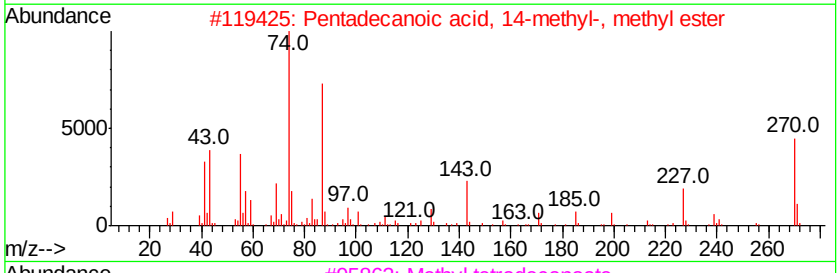
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86

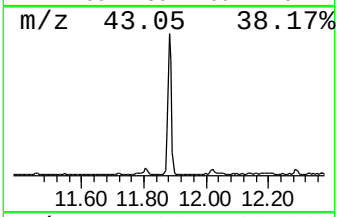


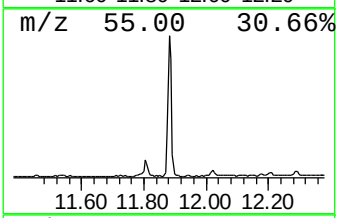


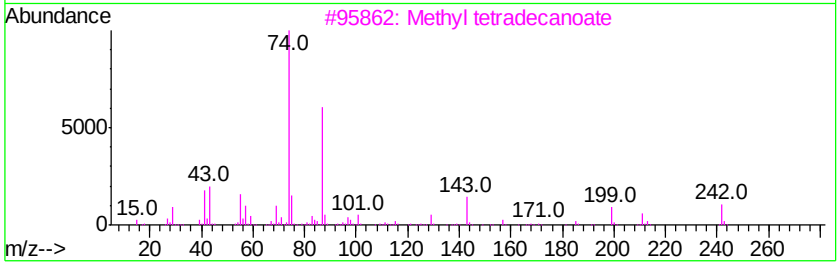


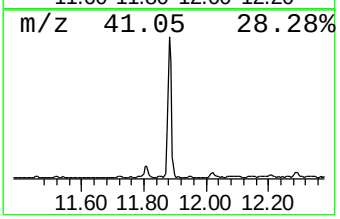












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Misc :
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Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

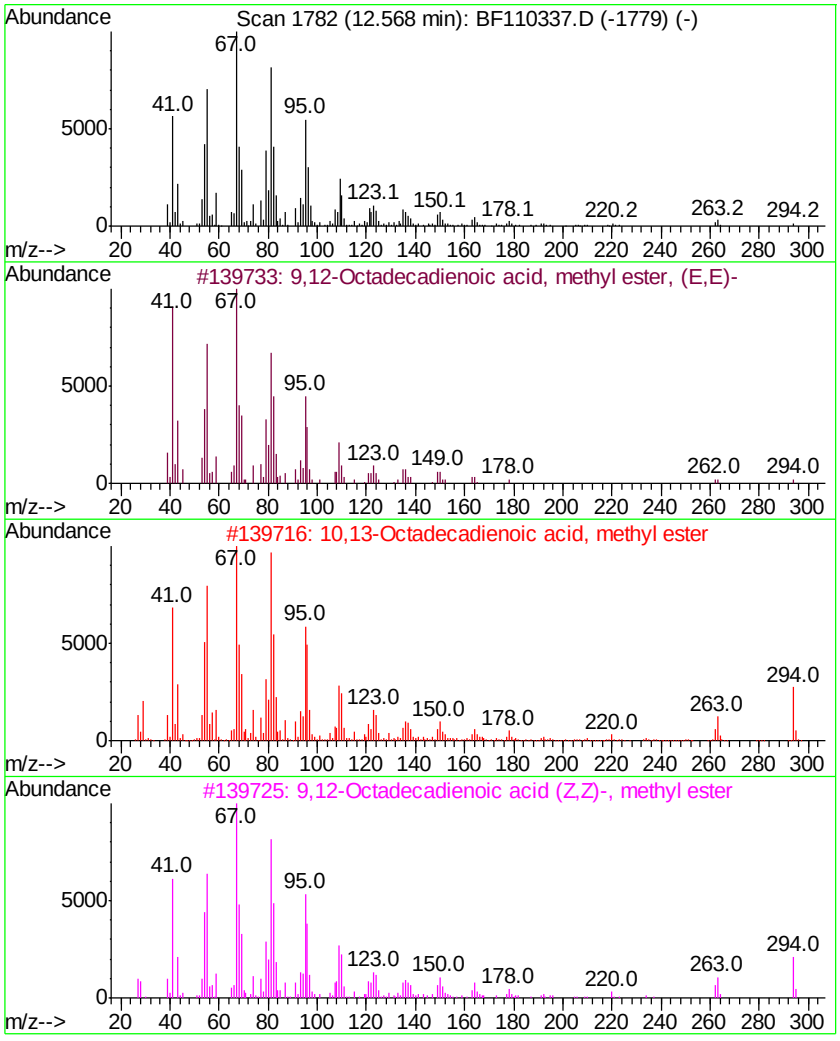
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

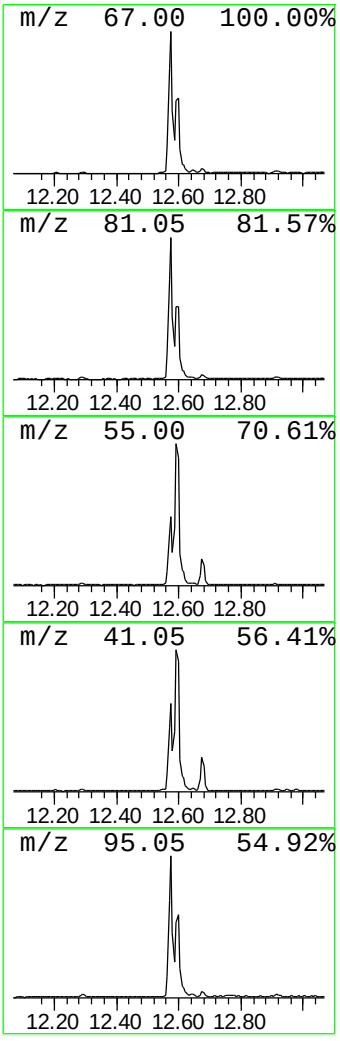
****

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	51.44 ng	1180160	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Sample : J5205-09
Misc :
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Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

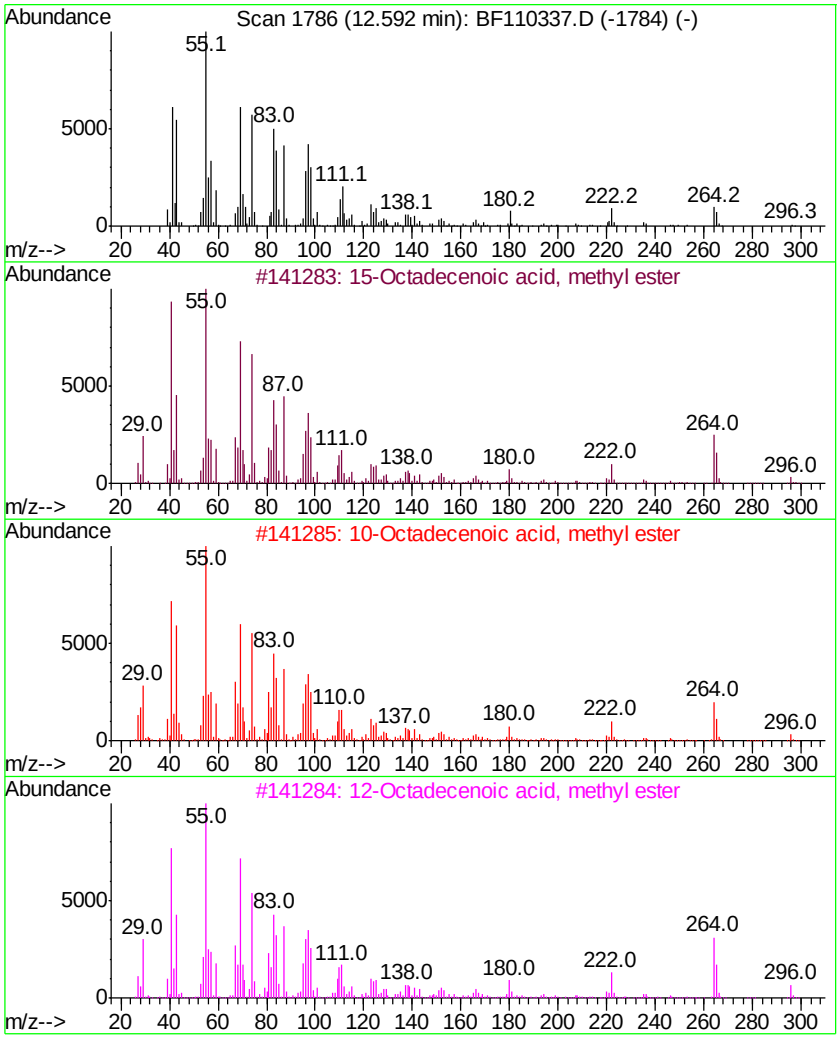
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

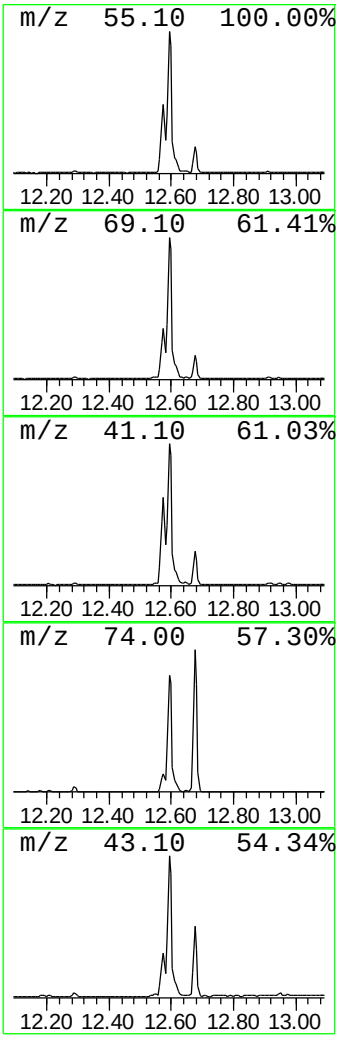
****

Peak Number 8 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	94.94 ng	2178160	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	95
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	95
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	95
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94





Library Search Compound Report

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Data File : BF110337.D
Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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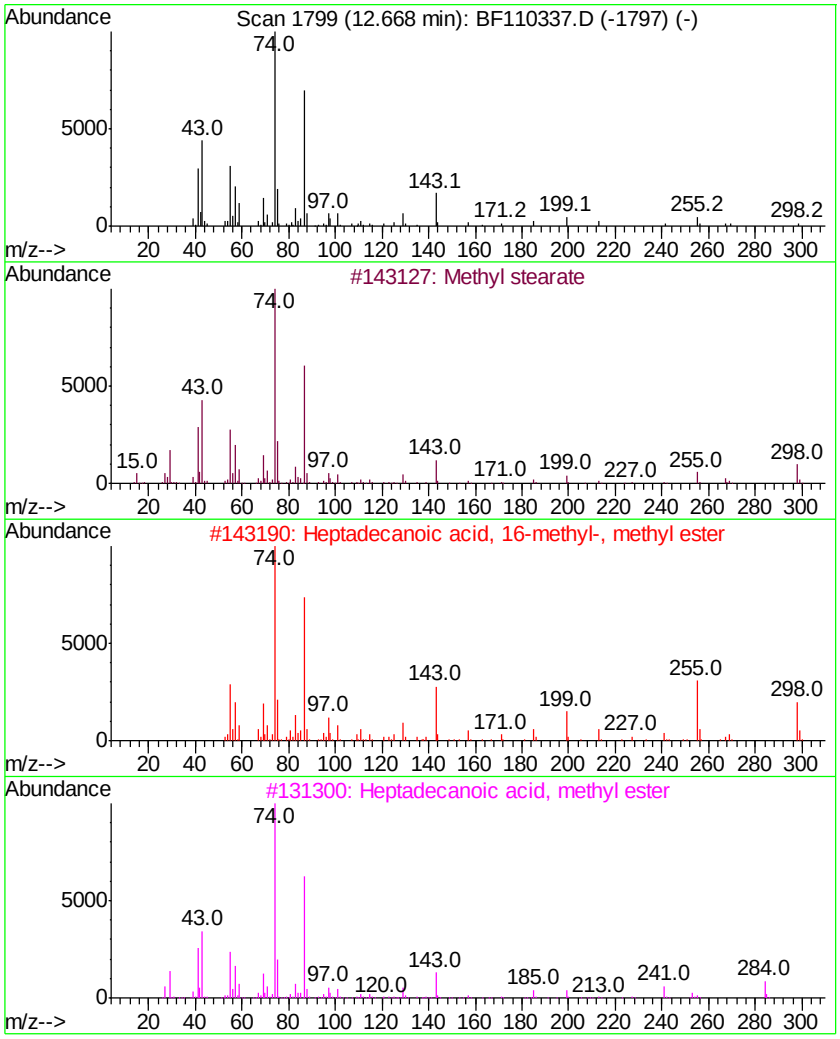
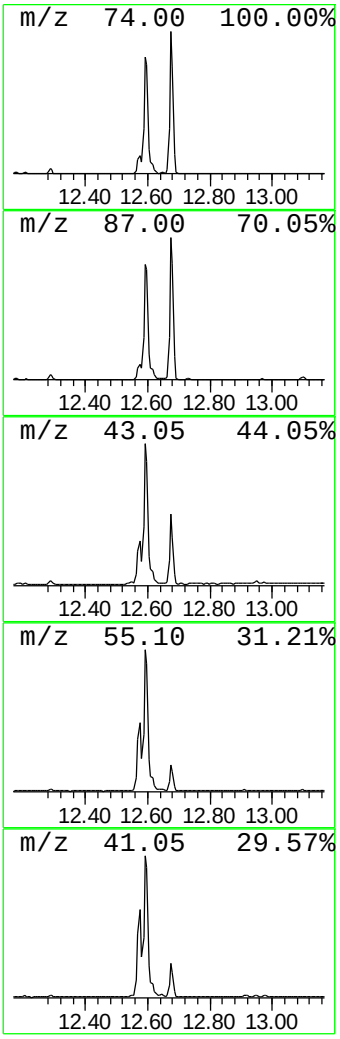
Peak Number 9 Methyl stearate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	20.28 ng	465354	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90





Library Search Compound Report

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Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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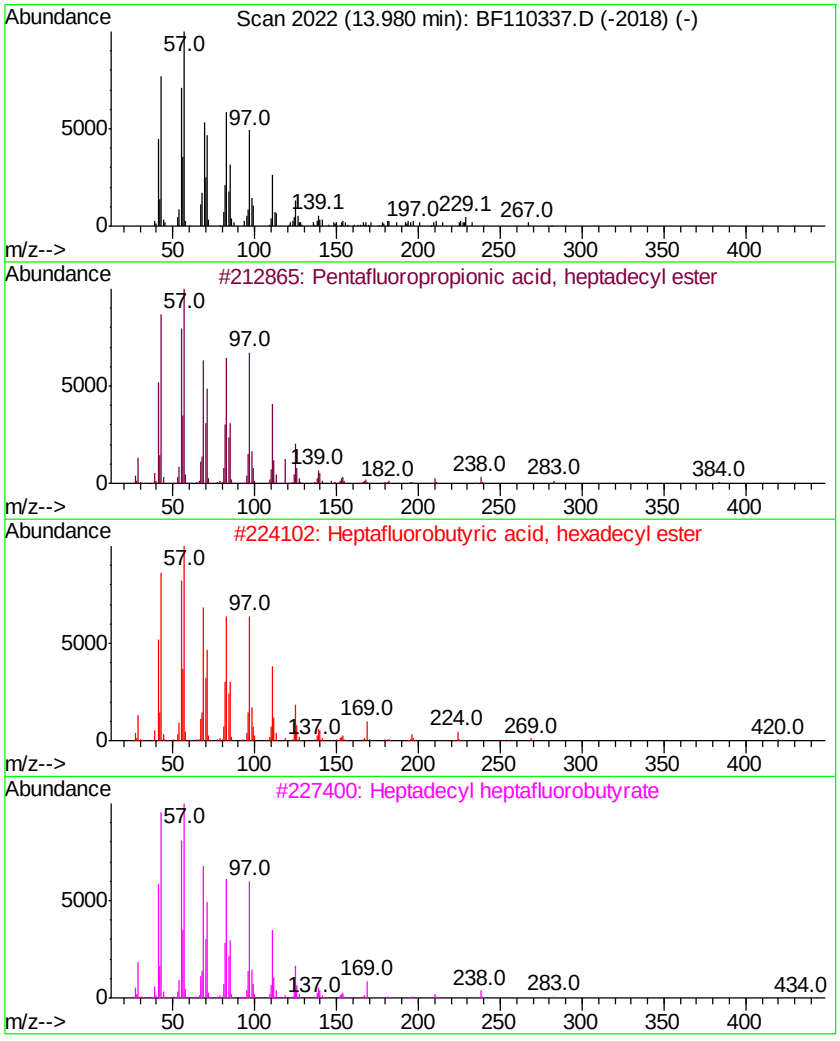
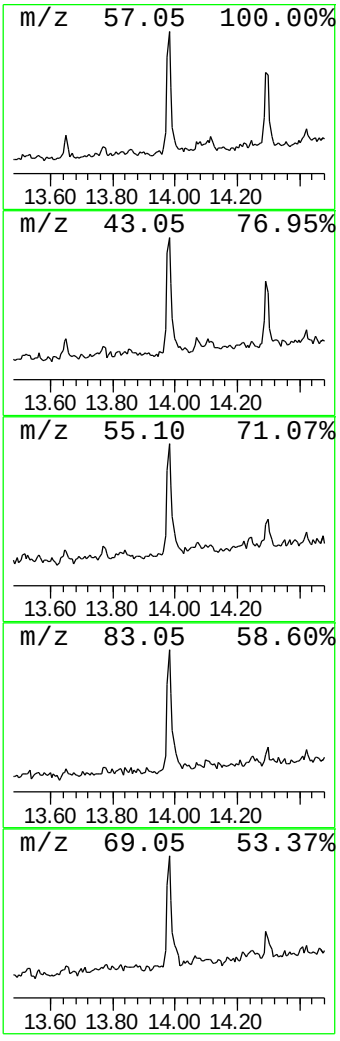
Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	7.23 ng	189758	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Library Search Compound Report

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Sample : J5205-09
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

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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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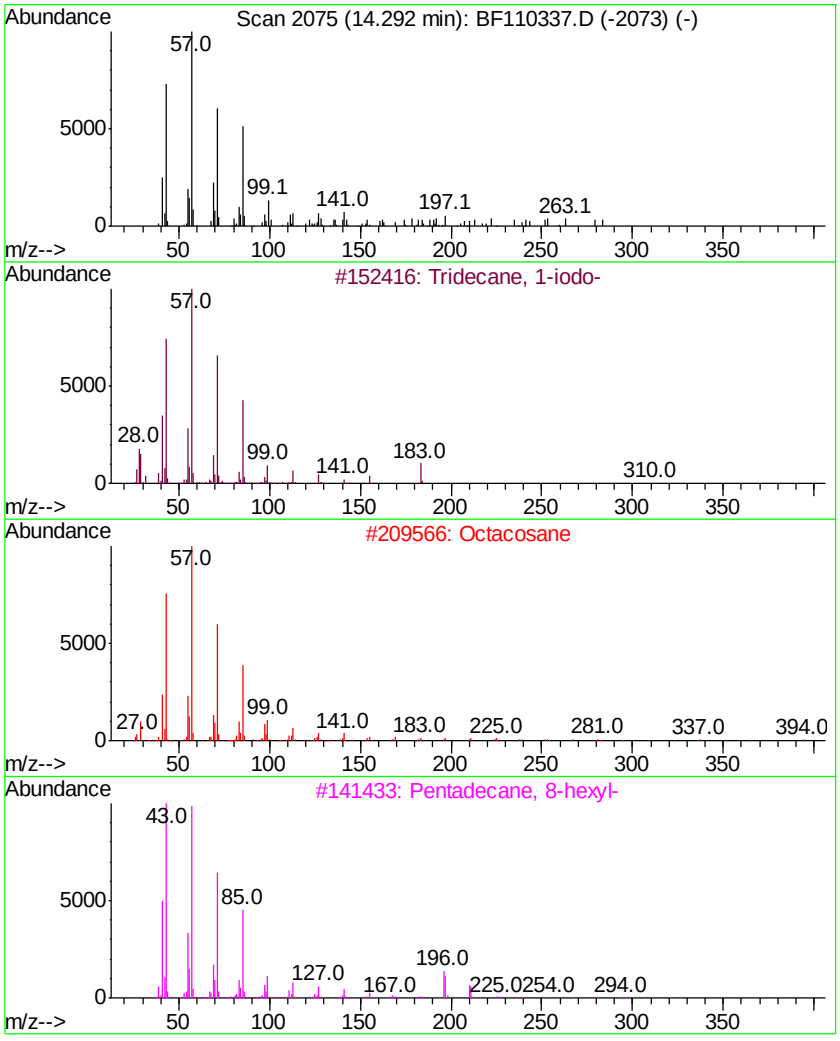
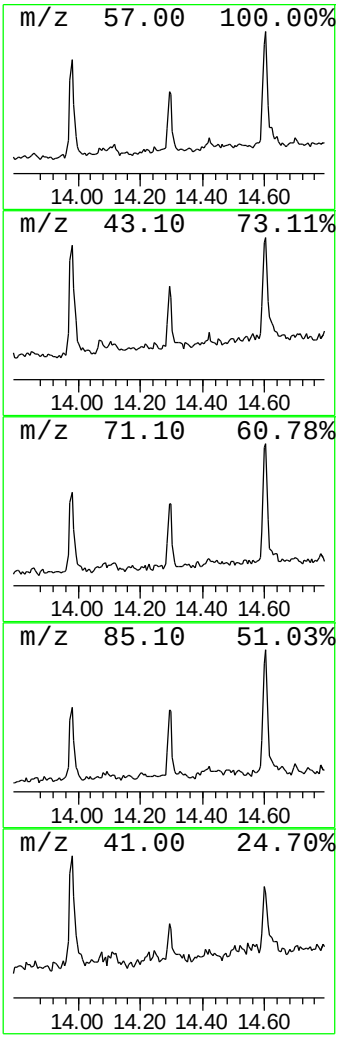
Peak Number 11 Tridecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.16 ng	56592	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
2	Octacosane	394	C28H58	000630-02-4	72
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	64
4	Heptacosane	380	C27H56	000593-49-7	52
5	Docosane	310	C22H46	000629-97-0	52





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Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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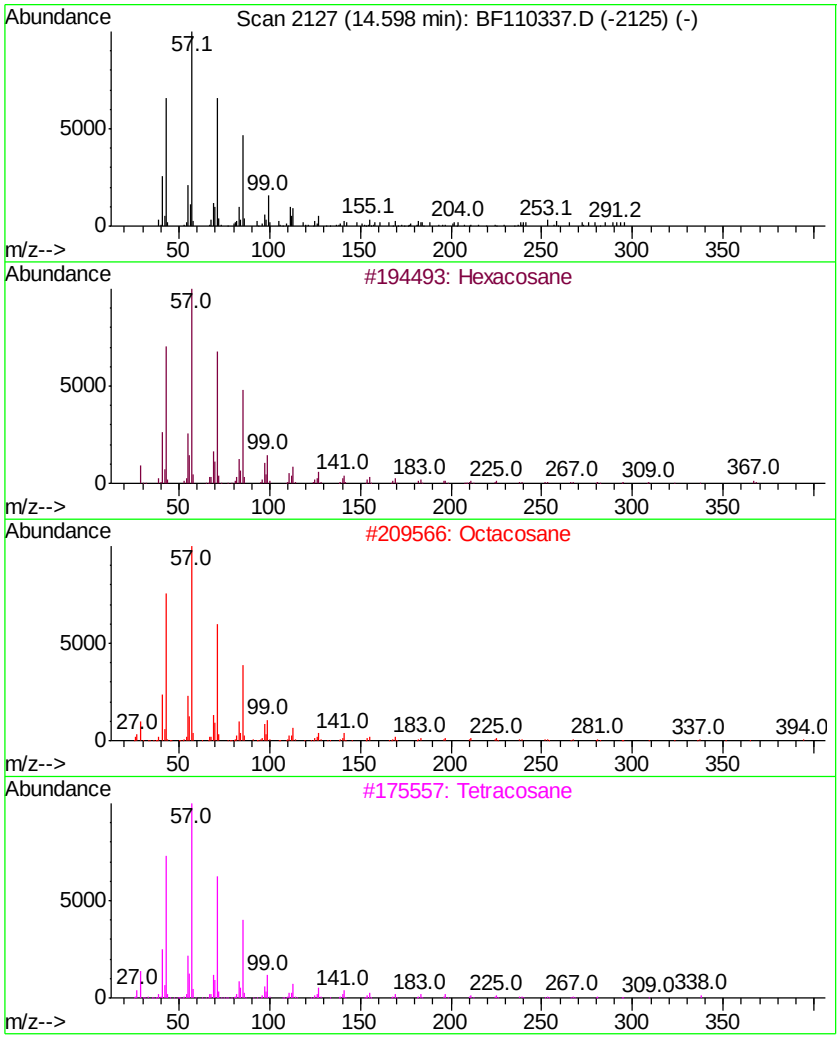
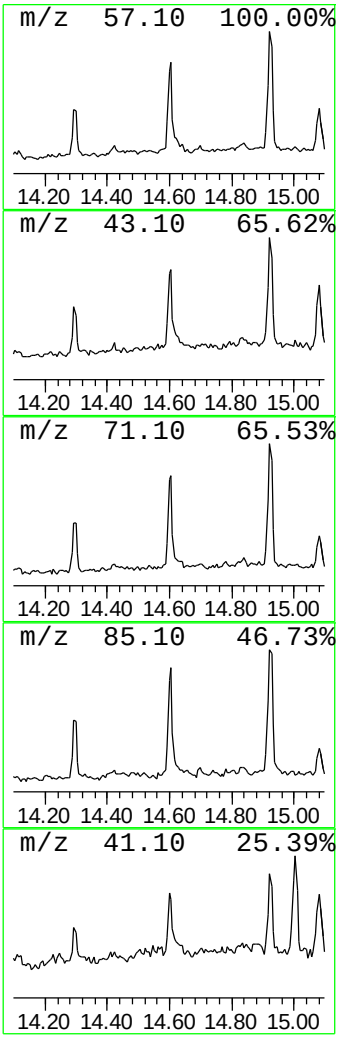
Peak Number 12 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.66 ng	148617	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Pentacosane	352	C25H52	000629-99-2	86





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Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
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Instrument : BNA_F
ClientSampleId : TR-04-103018-B

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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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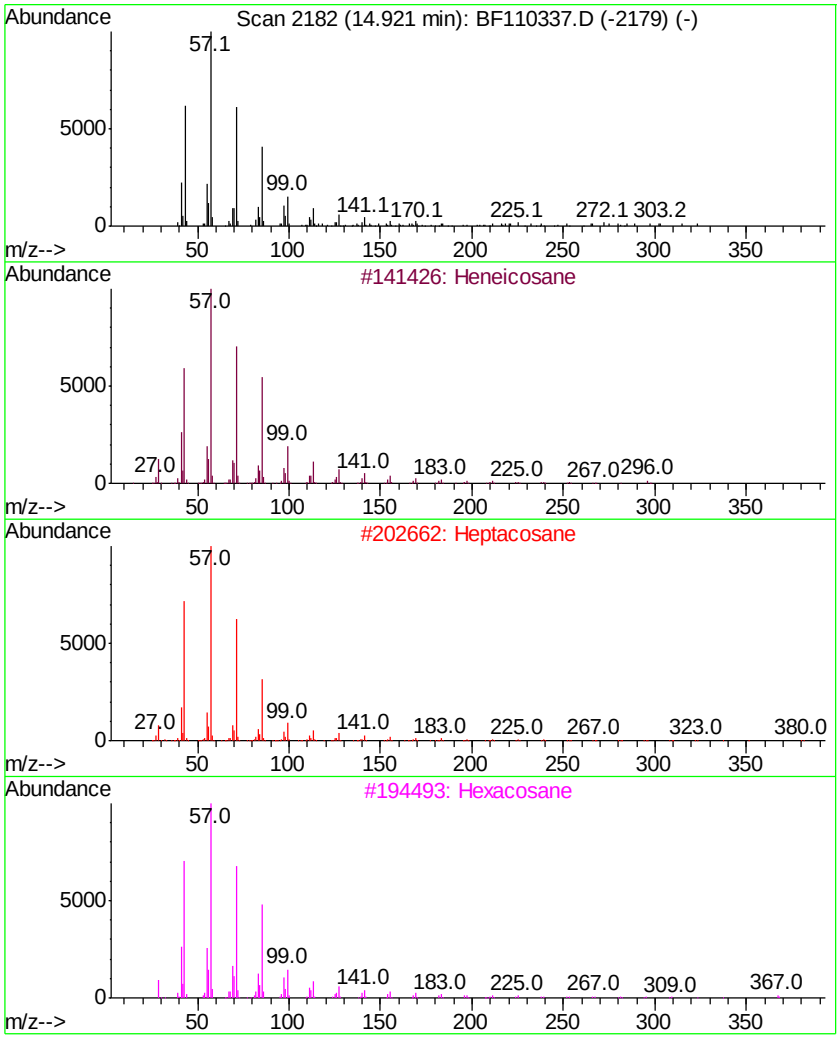
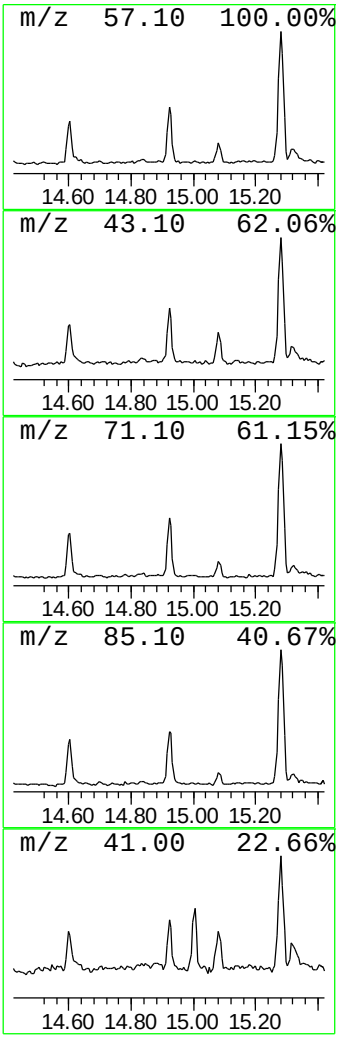
Peak Number 13 Heneicosane, 11-(1-ethylpro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.88 ng	154314	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5	Hexadecane	226	C16H34	000544-76-3	83





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Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

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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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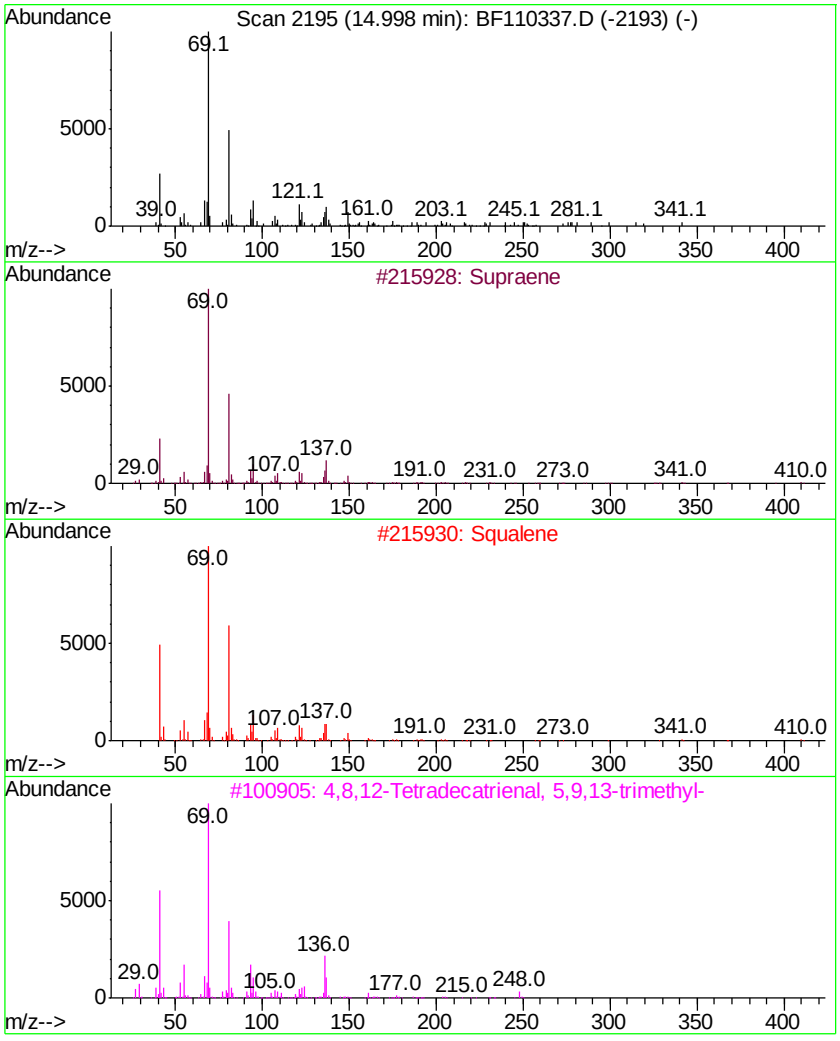
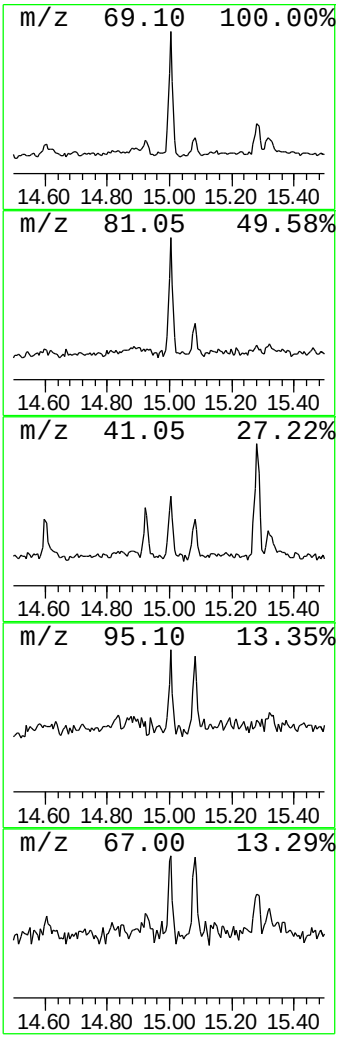
Peak Number 14 Supraene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	7.60 ng	108649	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	83
2	Squalene	410	C30H50	000111-02-4	80
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59
5	Succinic acid, di(3-methylbut-3-...	254	C14H22O4	1000353-45-6	53





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Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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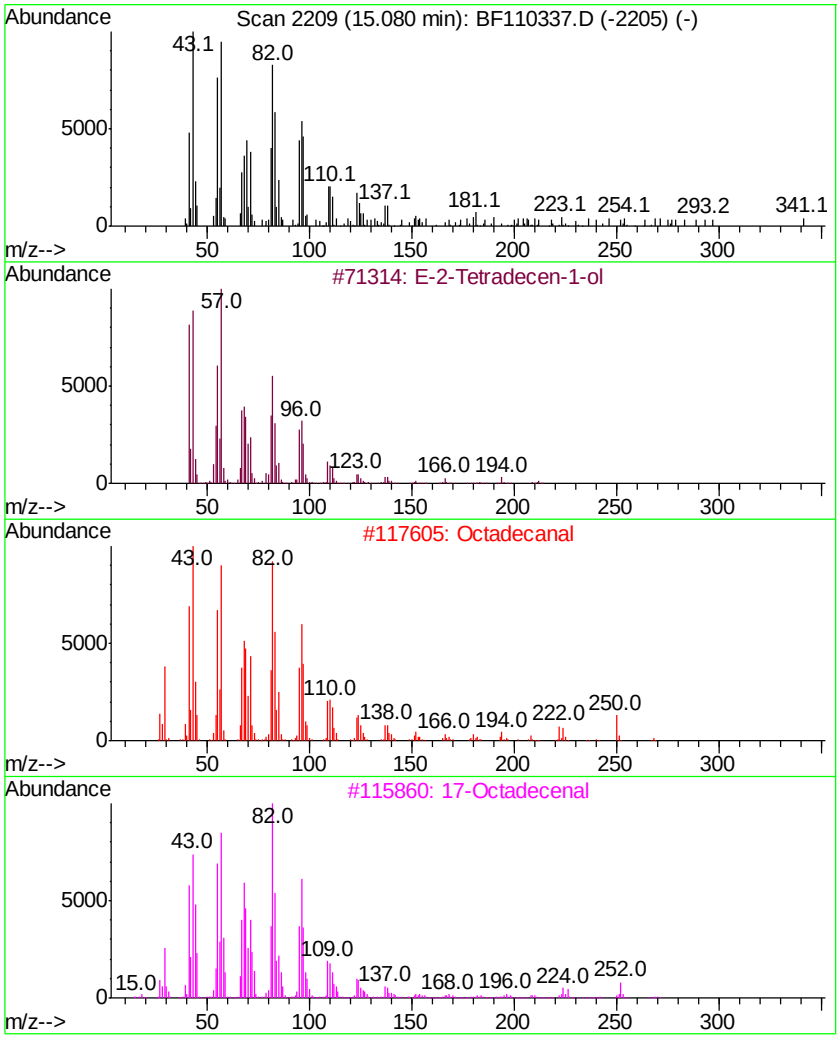
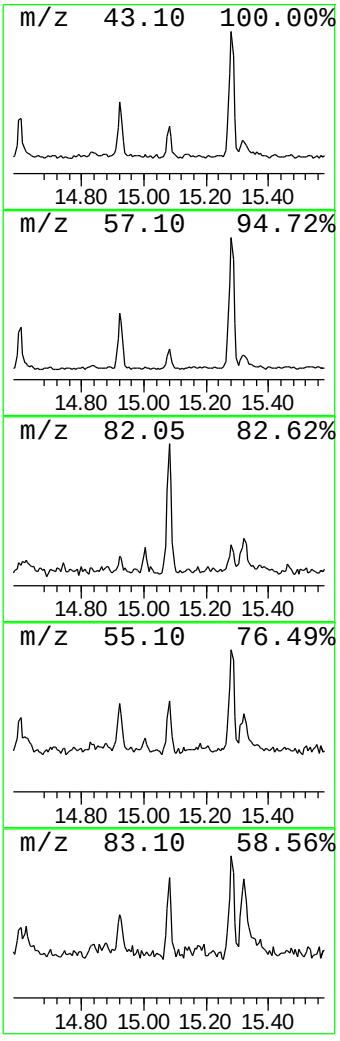
Peak Number 15 E-2-Tetradecen-1-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	9.21 ng	131704	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	90
2	Octadecanal	268	C18H36O	000638-66-4	90
3	17-Octadecenal	266	C18H34O	056554-86-0	90
4	Tridecanal	198	C13H26O	010486-19-8	86
5	1,19-Eicosadiene	278	C20H38	014811-95-1	81





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ClientSampleId : TR-04-103018-B

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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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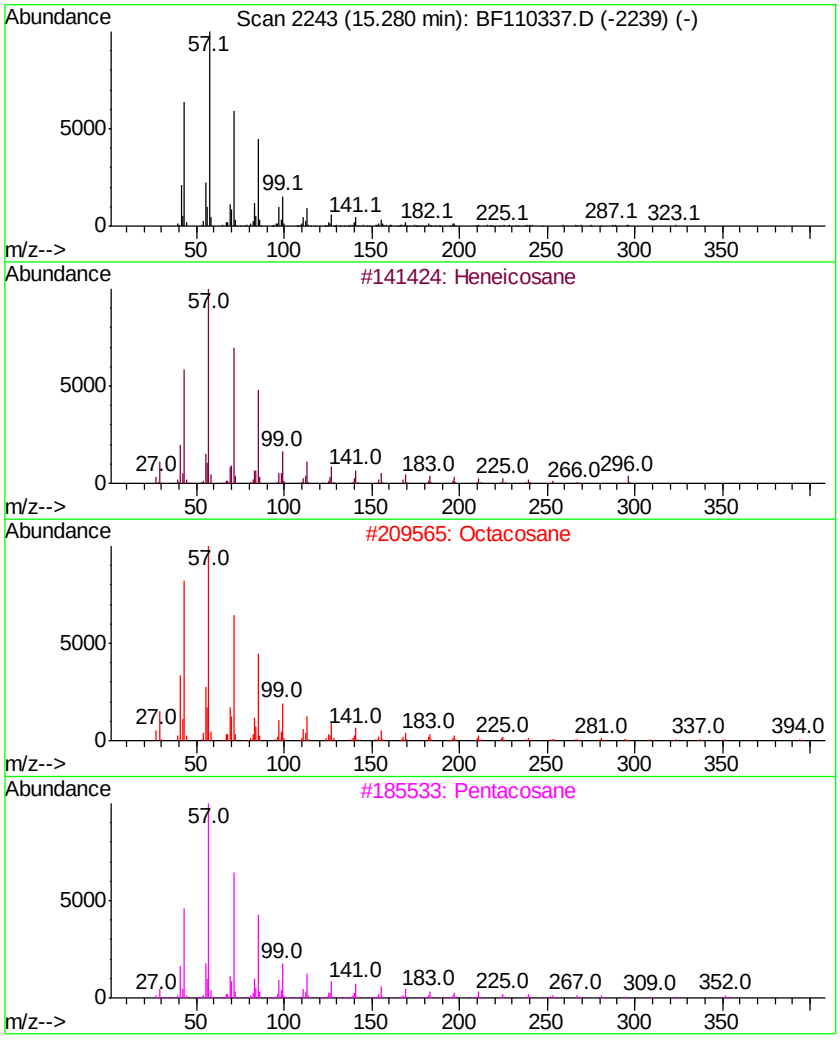
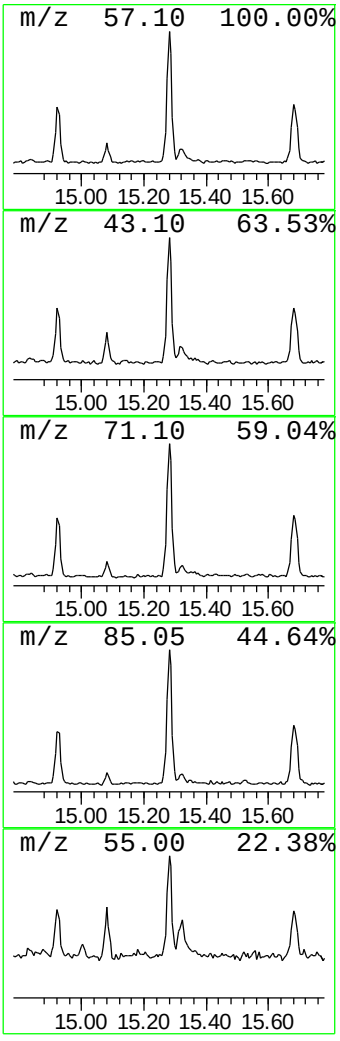
Peak Number 16 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	23.38 ng	334256	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	Tetracosane	338	C24H50	000646-31-1	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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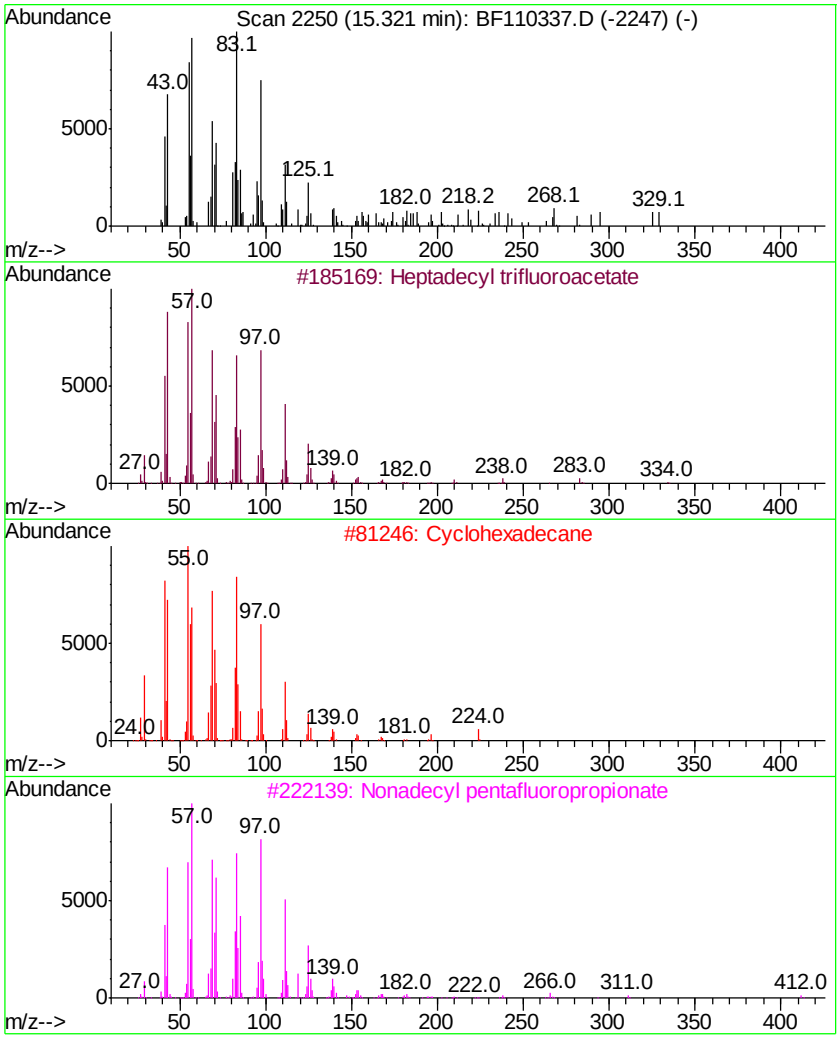
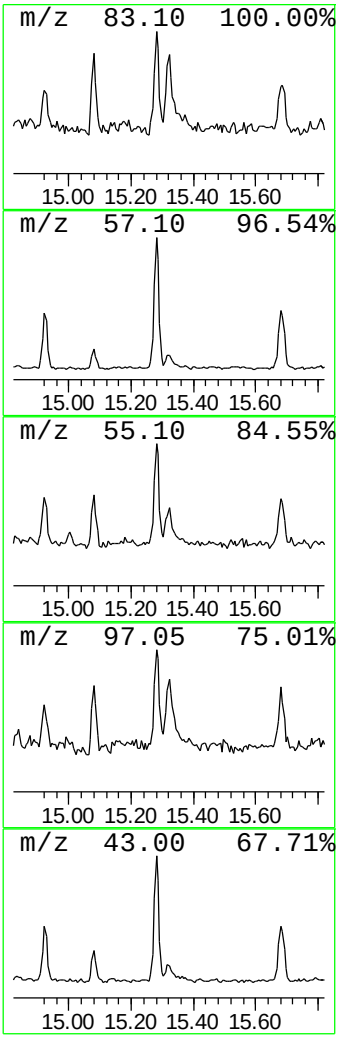
Peak Number 17 Heptadecyl trifluoroacetate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.13 ng	73403	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
2	Cyclohexadecane	224	C16H32	000295-65-8	86
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	76
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76





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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : TR-04-103018-B

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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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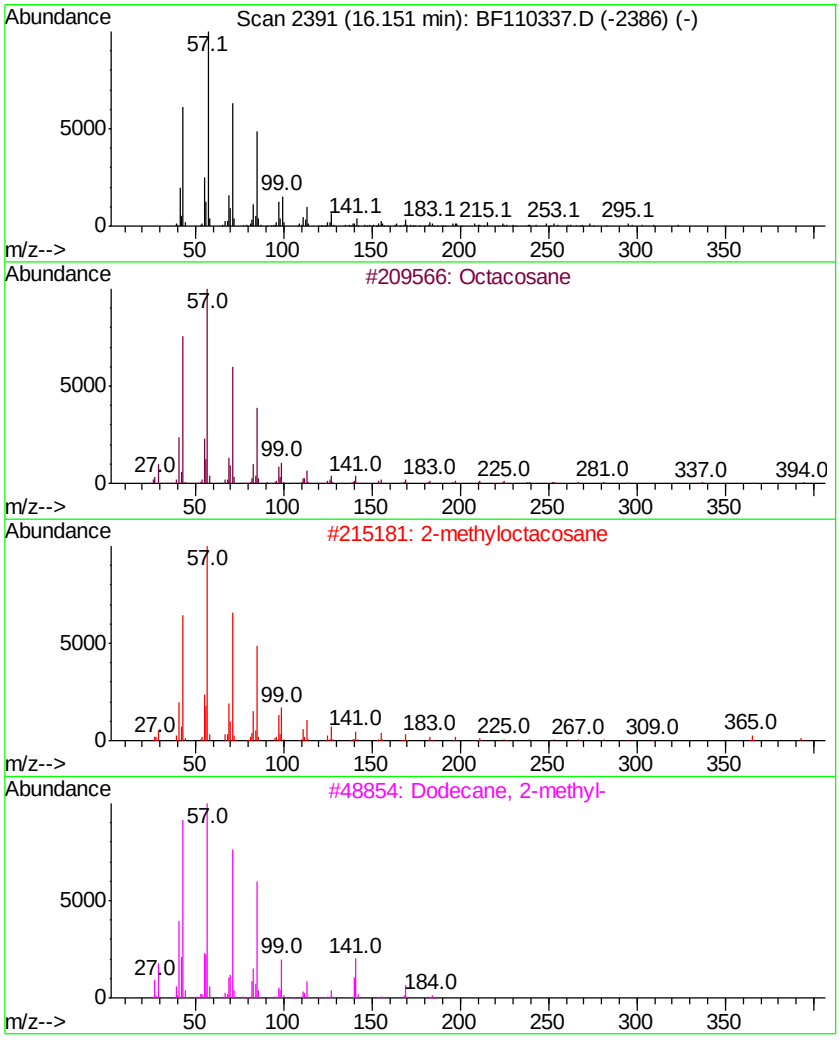
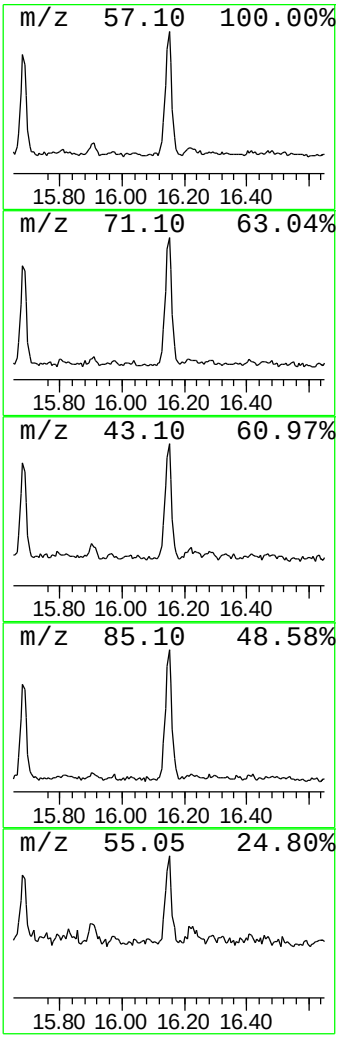
Peak Number 18 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	18.77 ng	268350	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	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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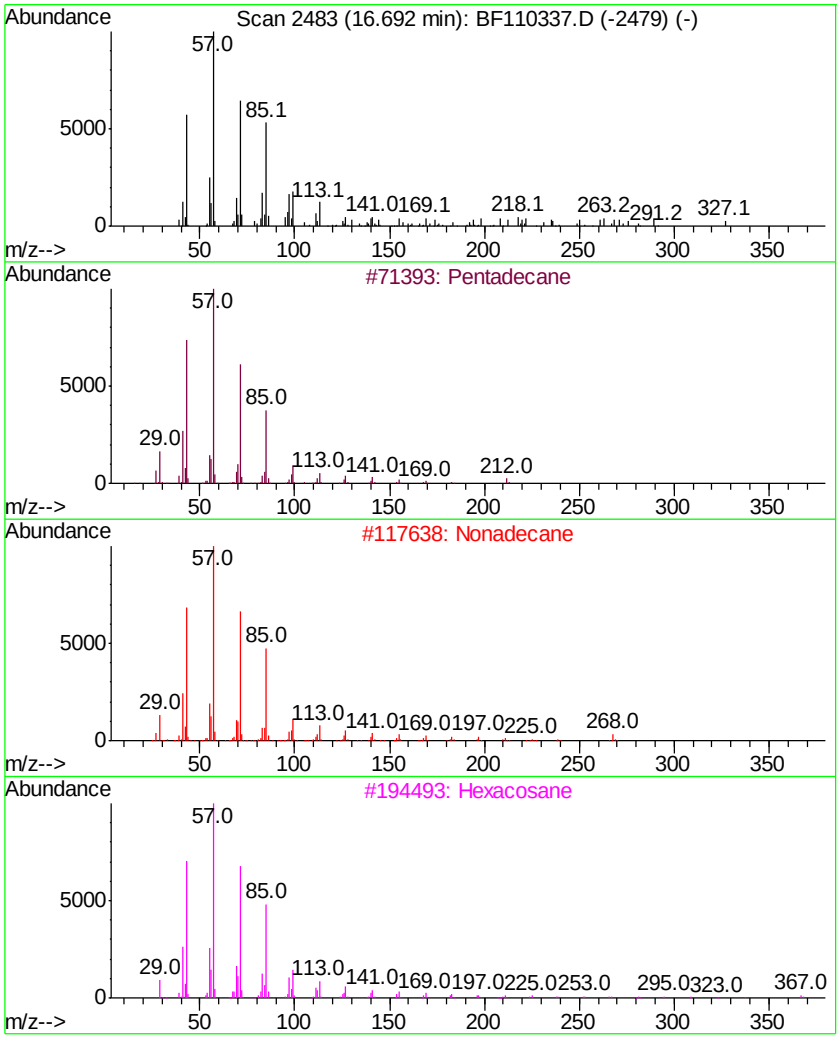
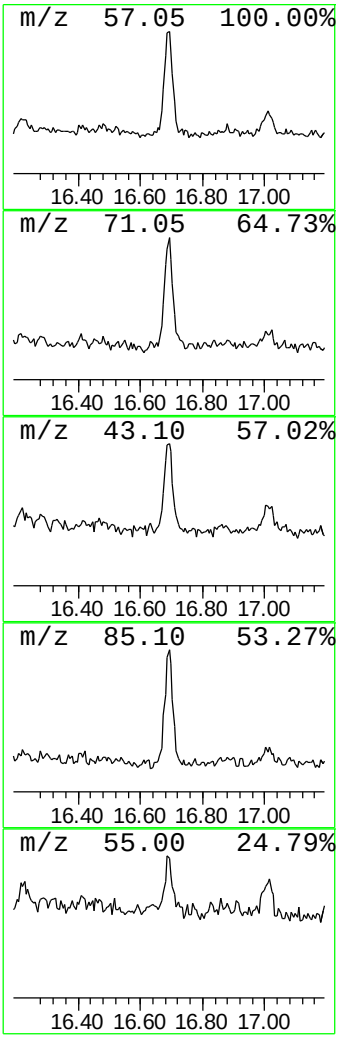
Peak Number 19 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	7.67 ng	109707	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Nonadecane	268	C19H40	000629-92-5	68
3	Hexacosane	366	C26H54	000630-01-3	68
4	Tetradecane	198	C14H30	000629-59-4	64
5	Triacontane	422	C30H62	000638-68-6	64





Tentatively Identified Compound (LSC) summary

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Data File : BF110337.D
Acq On : 31 Oct 2018 17:14
Operator : JU/SJ
Sample : J5205-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.30	23.7	ng	448281	1	6.97	378513	20.0
2-Pentanone, 4-hy...	5.22	4.5	ng	85725	1	6.97	378513	20.0
unknown6.75	6.75	100.4	ng	1900240	1	6.97	378513	20.0
9-Hexadecenoic ac...	11.80	2.7	ng	62312	4	11.52	458869	20.0
Hexadecanoic acid...	11.88	35.3	ng	810003	4	11.52	458869	20.0
9,12-Octadecadien...	12.57	51.4	ng	1180160	4	11.52	458869	20.0
15-Octadecenoic a...	12.59	94.9	ng	2178160	4	11.52	458869	20.0
Methyl stearate	12.67	20.3	ng	465354	4	11.52	458869	20.0
Pentafluoropropio...	13.98	7.2	ng	189758	5	14.17	525045	20.0
Tridecane, 1-iodo-	14.29	2.2	ng	56592	5	14.17	525045	20.0
Hexacosane	14.60	5.7	ng	148617	5	14.17	525045	20.0
Heneicosane, 11-(...	14.92	5.9	ng	154314	5	14.17	525045	20.0
Supraene	15.00	7.6	ng	108649	6	15.71	285895	20.0
E-2-Tetradecen-1-ol	15.08	9.2	ng	131704	6	15.71	285895	20.0
Heneicosane	15.28	23.4	ng	334256	6	15.71	285895	20.0
Heptadecyl triflu...	15.32	5.1	ng	73403	6	15.71	285895	20.0
Octacosane	16.15	18.8	ng	268350	6	15.71	285895	20.0
Pentadecane	16.69	7.7	ng	109707	6	15.71	285895	20.0