LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117823.D
Acq On : 16 Nov 2019 00:30
Operator : JU
Sample : K5861-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-20

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-BF111319.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	2.193	12	18	24	rVB	933814	1262696	16.54%	1.945%
2	5.134	510	518	526	rBV	1072232	1313520	17.20%	2.023%
3	5.534	580	586	589	rBV	5721097	5753491	75.36%	8.862%
4	6.540	751	757	761	rBV2	5555447	6347445	83.14%	9.777%
5	6.687	777	782	785	rBV	6322261	6172348	80.85%	9.507%
6	6.916	818	821	825	rBV	1791527	1486254	19.47%	2.289%
7	7.075	844	848	852	rBV	5334171	4889546	64.04%	7.531%
8	7.481	912	917	920	rBV	4103756	3840543	50.30%	5.916%
9	8.204	1036	1040	1044	rBV	2402985	1932353	25.31%	2.976%
10	9.286	1219	1224	1227	rBV	7853764	7137273	93.48%	10.994%
11	9.675	1287	1290	1294	rBV	816110	599660	7.85%	0.924%
12	9.969	1336	1340	1343	rBV	2705882	2289923	29.99%	3.527%
13	10.757	1469	1474	1477	rBV	5413112	4934880	64.64%	7.601%
14	11.457	1589	1593	1597	rBV	2757060	2442807	32.00%	3.763%
15	11.527	1600	1605	1608	rVB3	76284	80746	1.06%	0.124%
16	11.986	1678	1683	1697	rBV	852229	1017674	13.33%	1.568%
17	12.769	1813	1816	1829	rBV2	288560	371806	4.87%	0.573%
18	12.933	1841	1844	1856	rVB	66799	119962	1.57%	0.185%
19	13.051	1860	1864	1867	rBV	7817904	7634680	100.00%	11.760%
20	13.963	2014	2019	2038	rBV4	182524	667327	8.74%	1.028%
21	14.104	2039	2043	2047	rVV	2212868	1986285	26.02%	3.059%
22	14.974	2187	2191	2196	rVB	255142	253381	3.32%	0.390%
23	15.251	2234	2238	2245	rBV	81418	100007	1.31%	0.154%
24	15.615	2294	2300	2304	rBV	1658746	2107565	27.61%	3.246%
25	15.651	2304	2306	2311	rVB	77602	93287	1.22%	0.144%
26	16.110	2380	2384	2391	rBV	55568	87001	1.14%	0.134%

Sum of corrected areas: 64922460

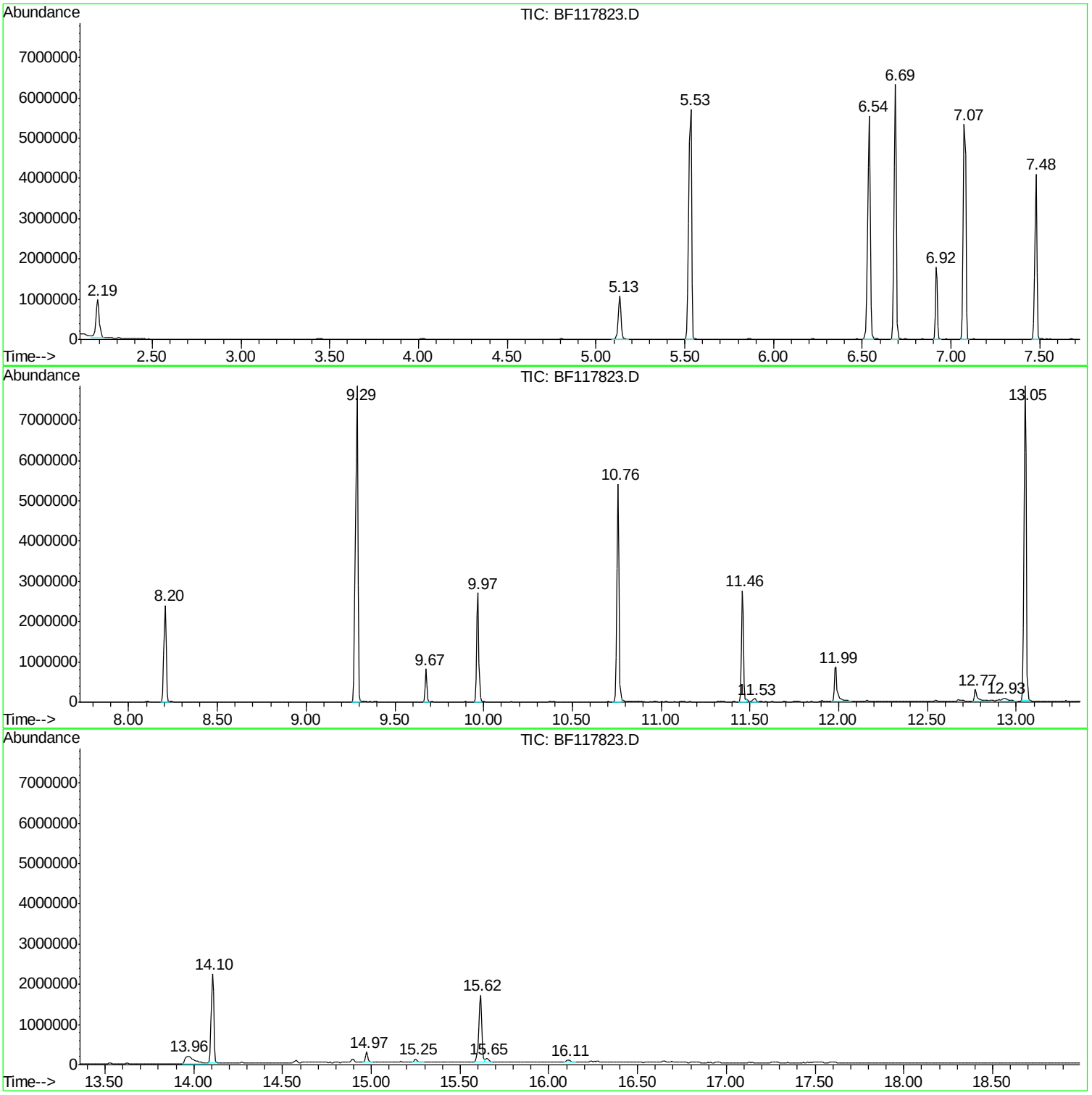
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117823.D
Acq On : 16 Nov 2019 00:30
Operator : JU
Sample : K5861-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117823.D
Acq On : 16 Nov 2019 00:30
Operator : JU
Sample : K5861-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

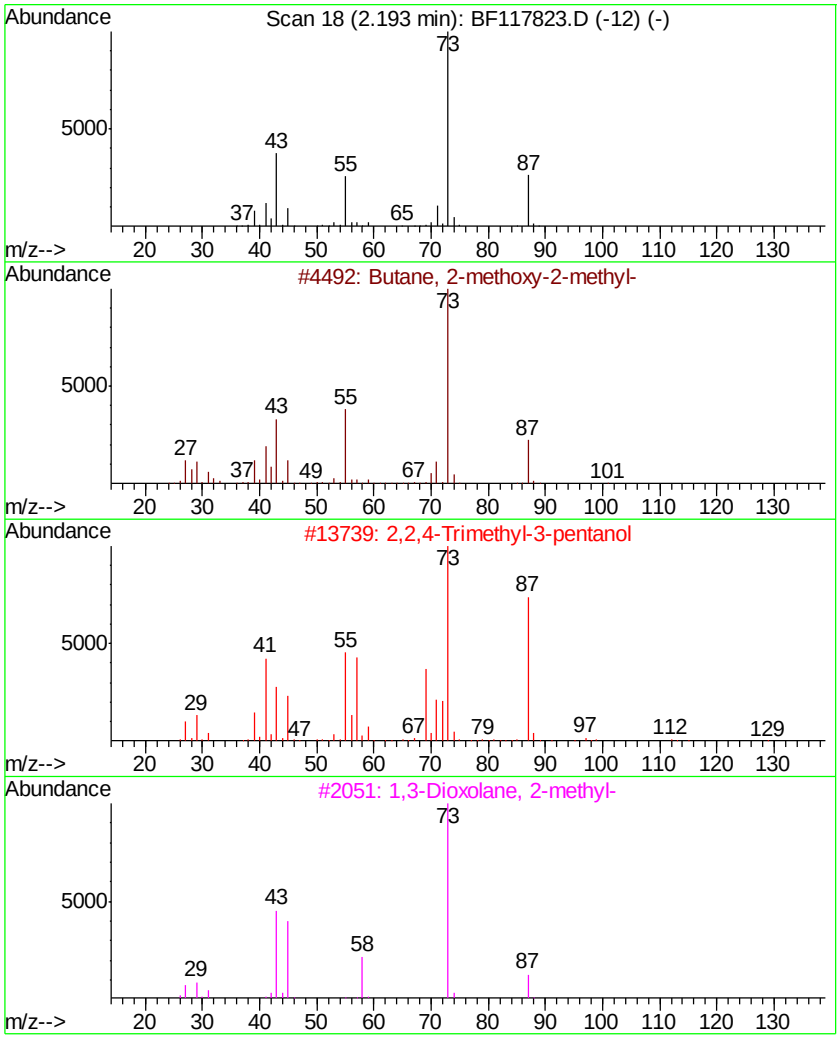
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

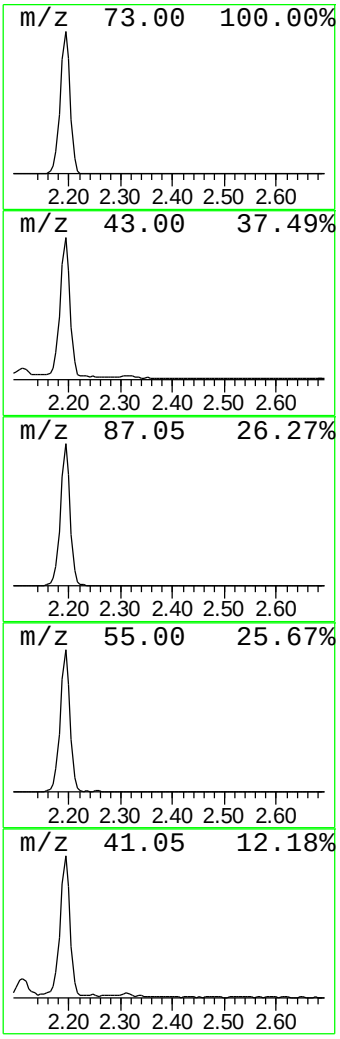
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	16.99 ng	1262700	1,4-Dichlorobenzene-d4	6.92

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

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Data File : BF117823.D
Acq On : 16 Nov 2019 00:30
Operator : JU
Sample : K5861-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

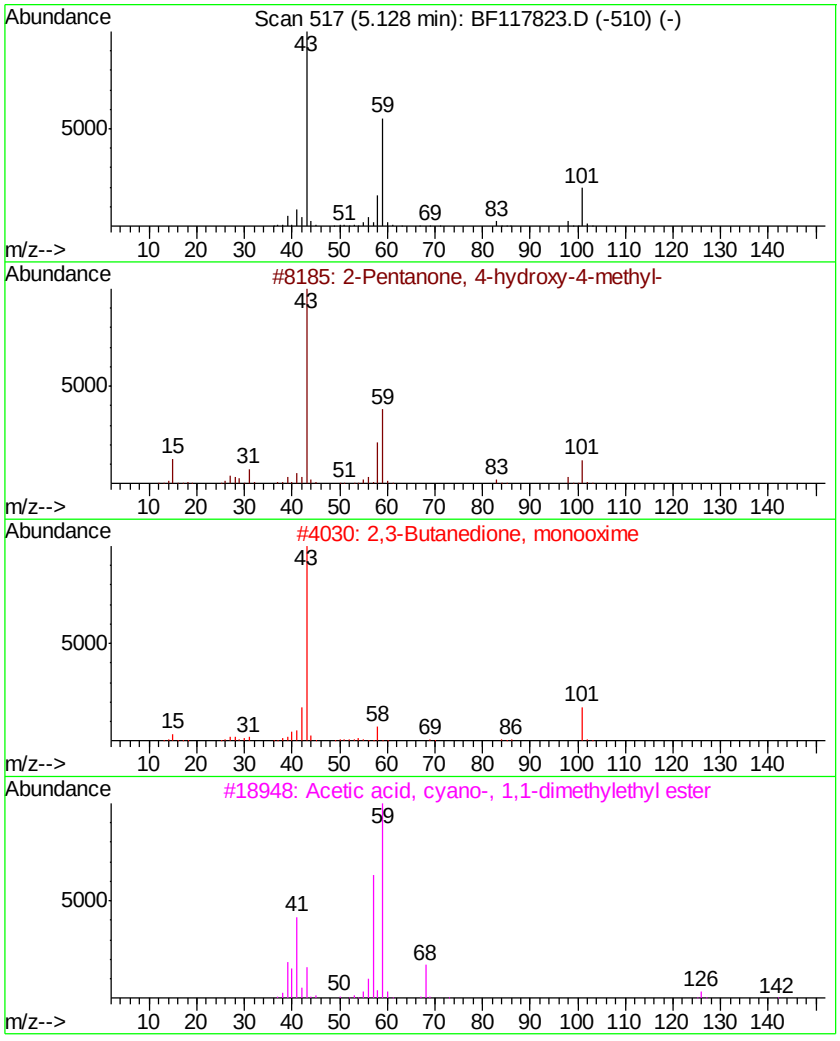
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

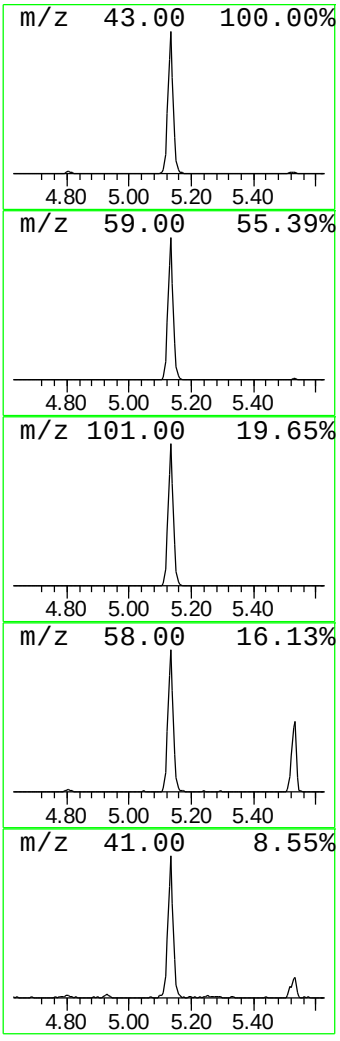
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	17.68 ng	1313520	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	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117823.D
Acq On : 16 Nov 2019 00:30
Operator : JU
Sample : K5861-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

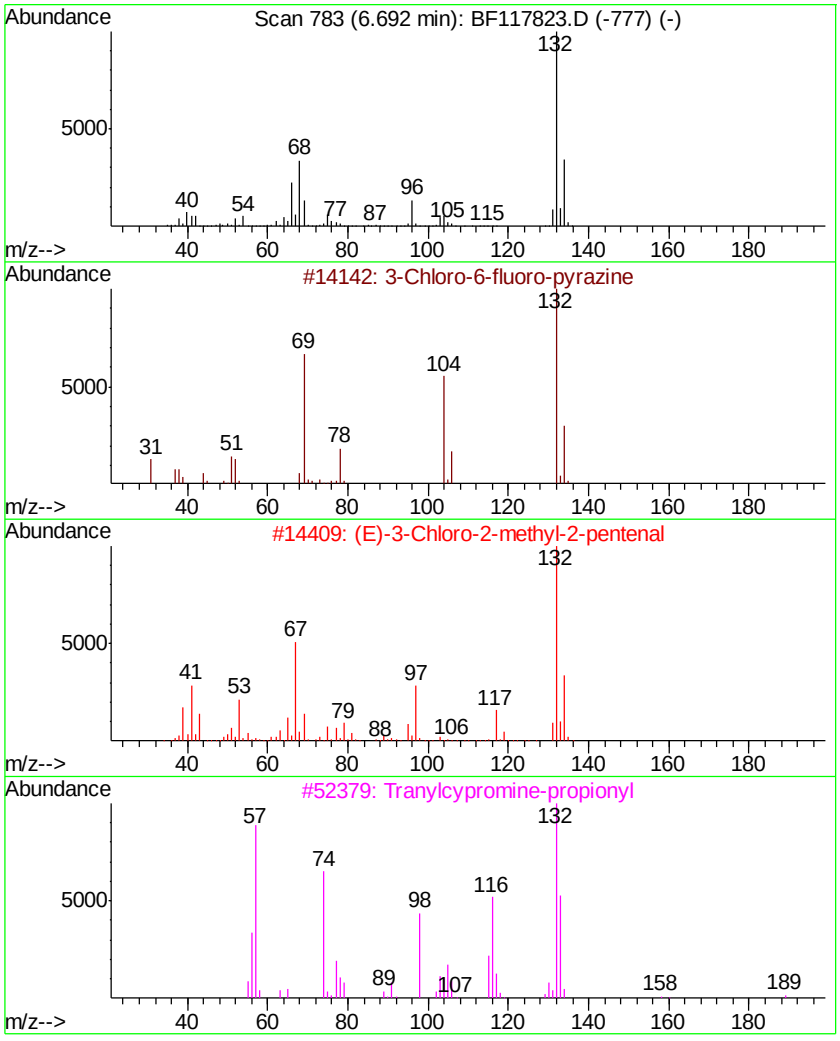
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

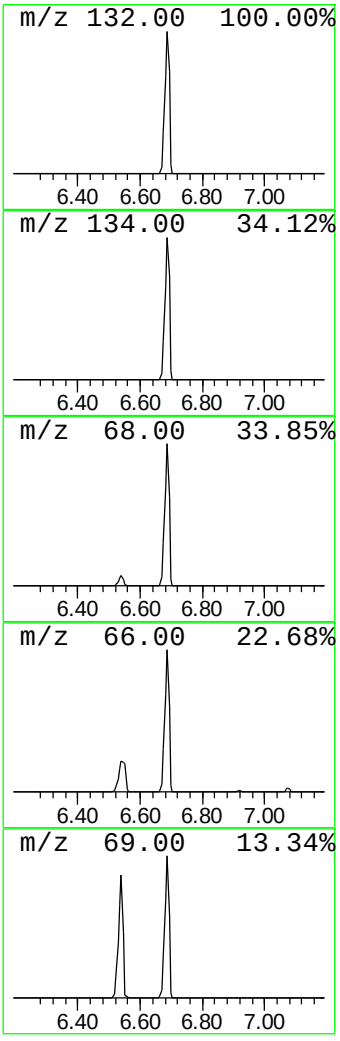
****

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	83.06 ng	6172350	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Data File : BF117823.D
Acq On : 16 Nov 2019 00:30
Operator : JU
Sample : K5861-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

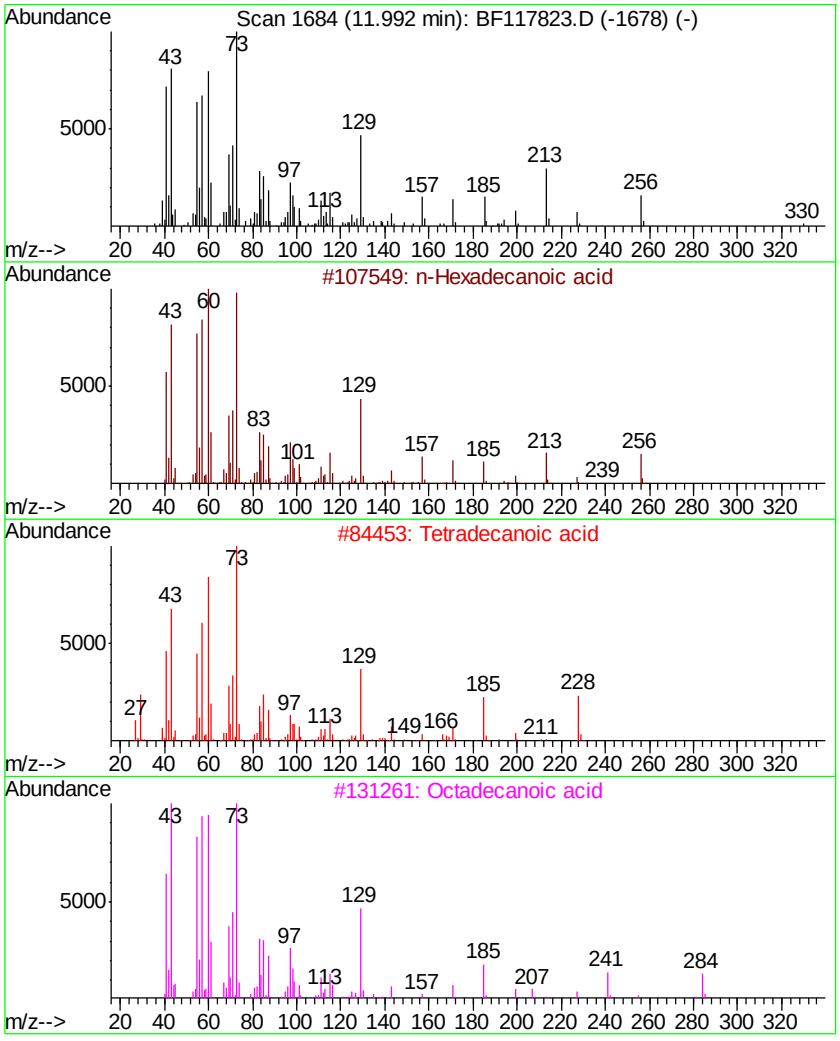
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

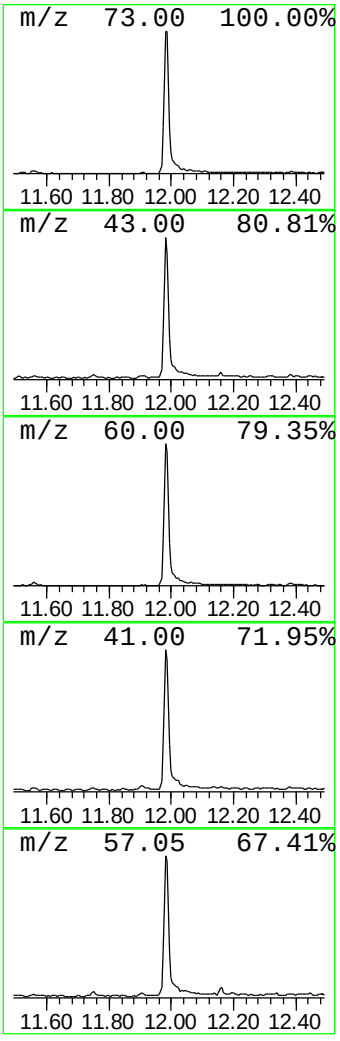
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	8.33 ng	1017670	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117823.D
Acq On : 16 Nov 2019 00:30
Operator : JU
Sample : K5861-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

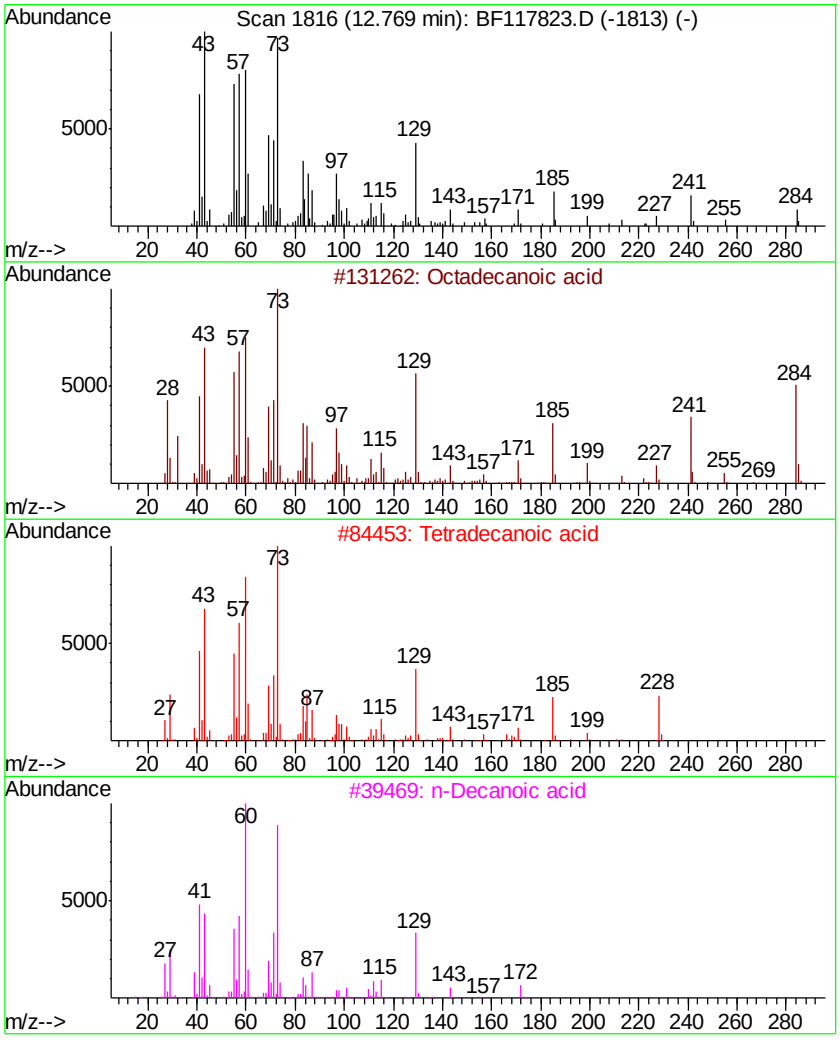
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

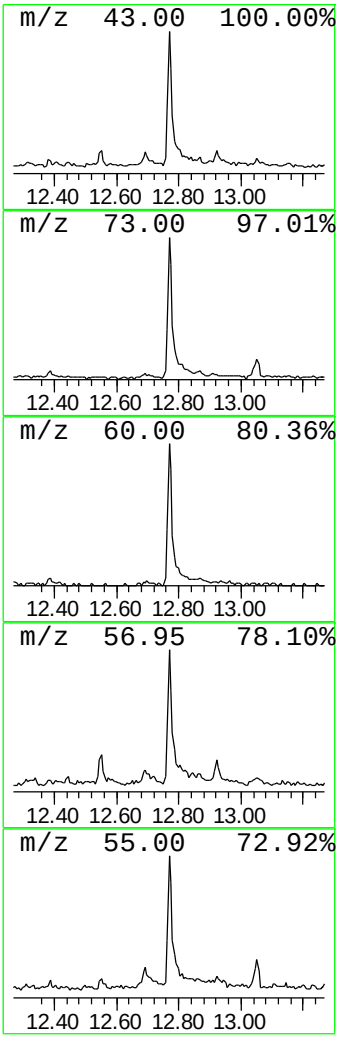
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.04 ng	371806	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : EP-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

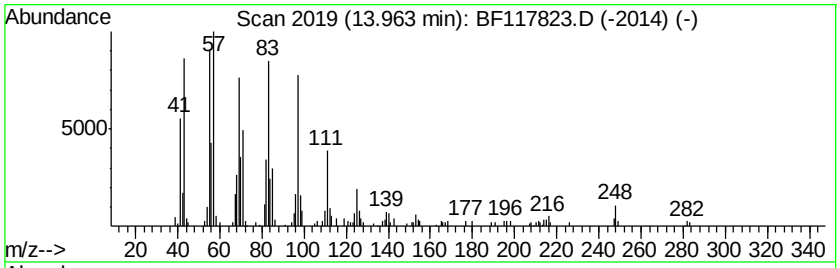
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

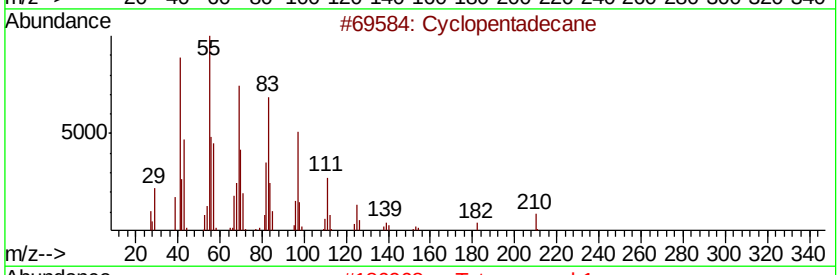
****

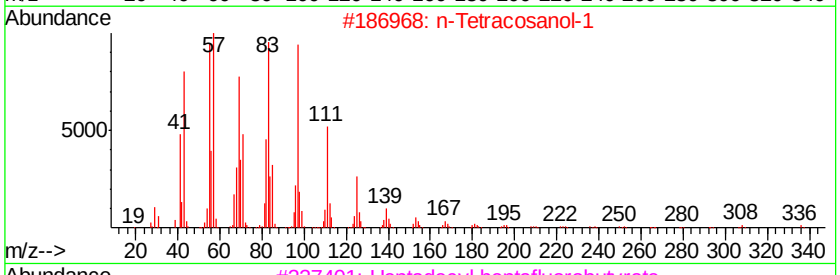
Peak Number 7 Cyclopentadecane Concentration Rank 6

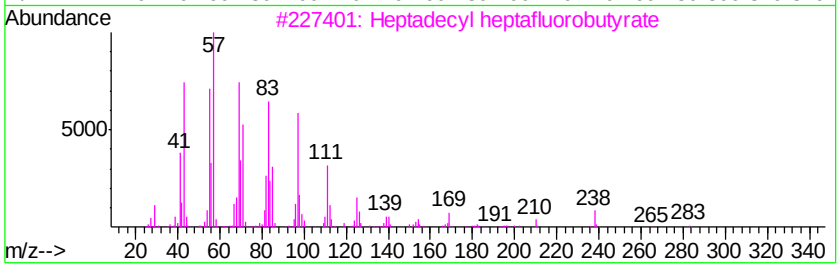
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	6.72 ng	667327	Chrysene-d12	14.10

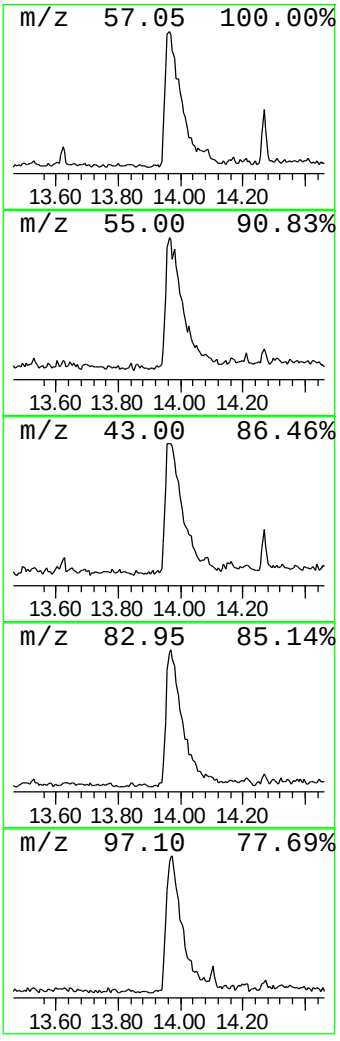
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93











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Instrument : BNA_F
ClientSampleId : EP-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

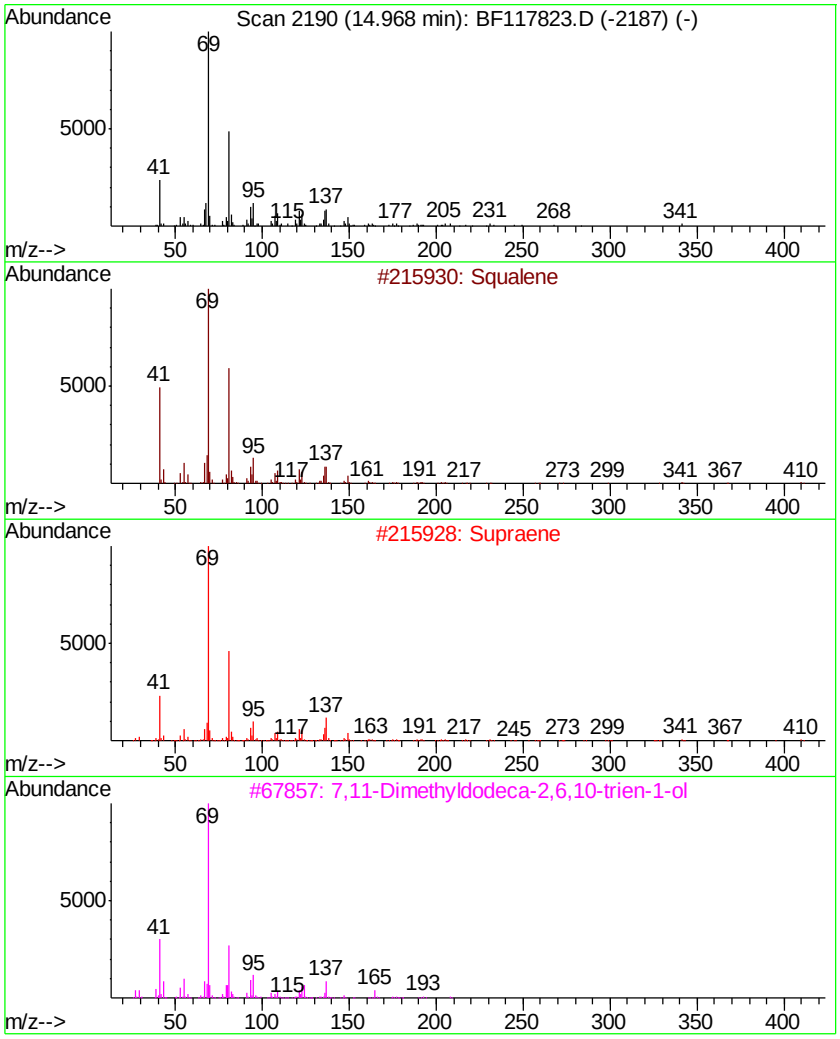
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

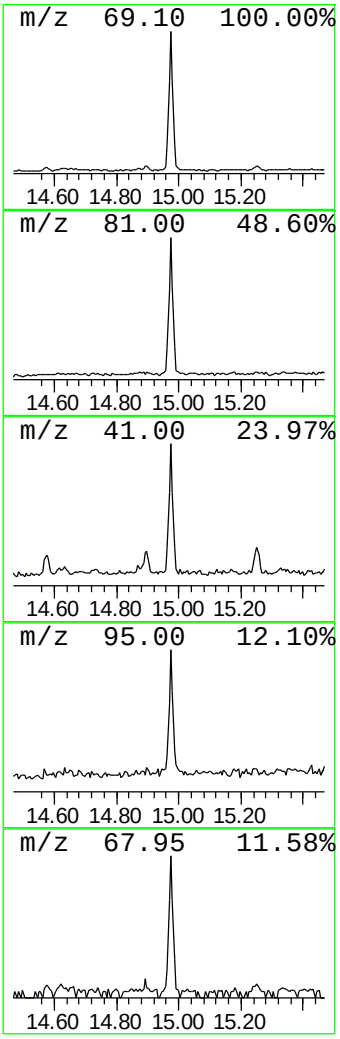
****

Peak Number 8 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.40 ng	253381	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	83
4	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	72
5	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
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ClientSampleId : EP-20

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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...	2.19	17.0	ng	1262700	1	6.92	1486250	20.0
2-Pentanone, 4-hy...	5.13	17.7	ng	1313520	1	6.92	1486250	20.0
unknown6.69	6.69	83.1	ng	6172350	1	6.92	1486250	20.0
n-Hexadecanoic acid	11.99	8.3	ng	1017670	4	11.46	2442810	20.0
Octadecanoic acid	12.77	3.0	ng	371806	4	11.46	2442810	20.0
Cyclopentadecane	13.96	6.7	ng	667327	5	14.10	1986290	20.0
Squalene	14.97	2.4	ng	253381	6	15.62	2107570	20.0