LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

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-BF012020.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	2.169	7	14	20	rVB	897493	1213764	15.99%	1.968%
2	5.475	570	576	579	rBV	4955892	5327169	70.16%	8.637%
3	6.475	740	746	751	rBV	5072970	5540549	72.97%	8.983%
4	6.845	805	809	813	rBV	1939027	1653736	21.78%	2.681%
5	7.004	832	836	839	rBV	5310433	4690874	61.78%	7.606%
6	7.404	898	904	907	rBV	3582068	3638726	47.92%	5.900%
7	8.128	1022	1027	1030	rBV	2454657	2220669	29.25%	3.601%
8	9.204	1204	1210	1213	rBV	7353386	7266953	95.70%	11.782%
9	9.592	1272	1276	1280	rBV	938598	782480	10.31%	1.269%
10	9.880	1319	1325	1329	rBV	2782964	2768118	36.46%	4.488%
11	10.669	1453	1459	1462	rBV	5240931	5055293	66.58%	8.197%
12	10.763	1472	1475	1478	rBV	93234	85846	1.13%	0.139%
13	11.363	1573	1577	1580	rBV	3197747	2887209	38.02%	4.681%
14	11.433	1584	1589	1592	rVB3	69278	79813	1.05%	0.129%
15	11.592	1612	1616	1624	rBV	289061	287542	3.79%	0.466%
16	11.892	1663	1667	1678	rBV2	851806	892200	11.75%	1.447%
17	12.145	1707	1710	1714	rVB	408520	351120	4.62%	0.569%
18	12.674	1797	1800	1812	rVB	154294	172881	2.28%	0.280%
19	12.951	1842	1847	1850	rBV	8158715	7593085	100.00%	12.311%
20	13.845	1995	1999	2010	rBV	788715	1008594	13.28%	1.635%
21	13.998	2019	2025	2029	rBV	2385860	2351856	30.97%	3.813%
22	14.168	2050	2054	2061	rBV	153642	147166	1.94%	0.239%
23	14.474	2102	2106	2113	rBV	289551	313436	4.13%	0.508%
24	14.780	2155	2158	2164	rVB	159007	167121	2.20%	0.271%
25	14.857	2166	2171	2176	rVB	1678143	1721374	22.67%	2.791%
26	15.115	2210	2215	2225	rBV	229074	346761	4.57%	0.562%
27	15.457	2267	2273	2277	rBV	1566656	1974722	26.01%	3.202%
28	15.492	2277	2279	2292	rVB	145070	212283	2.80%	0.344%
29	15.892	2342	2347	2350	rBV2	95855	143315	1.89%	0.232%
30	15.927	2350	2353	2357	rVV2	135362	191479	2.52%	0.310%
31	15.974	2357	2361	2369	rVB3	78414	131351	1.73%	0.213%
32	16.339	2418	2423	2430	rBV5	74595	132840	1.75%	0.215%
33	16.427	2433	2438	2443	rBV	56855	99200	1.31%	0.161%
34	17.586	2631	2635	2645	rVB10	57285	140821	1.85%	0.228%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.839	2673	2678	2683	rBV8	37028	85517	1.13%	0.139%

Sum of corrected areas: 61675863

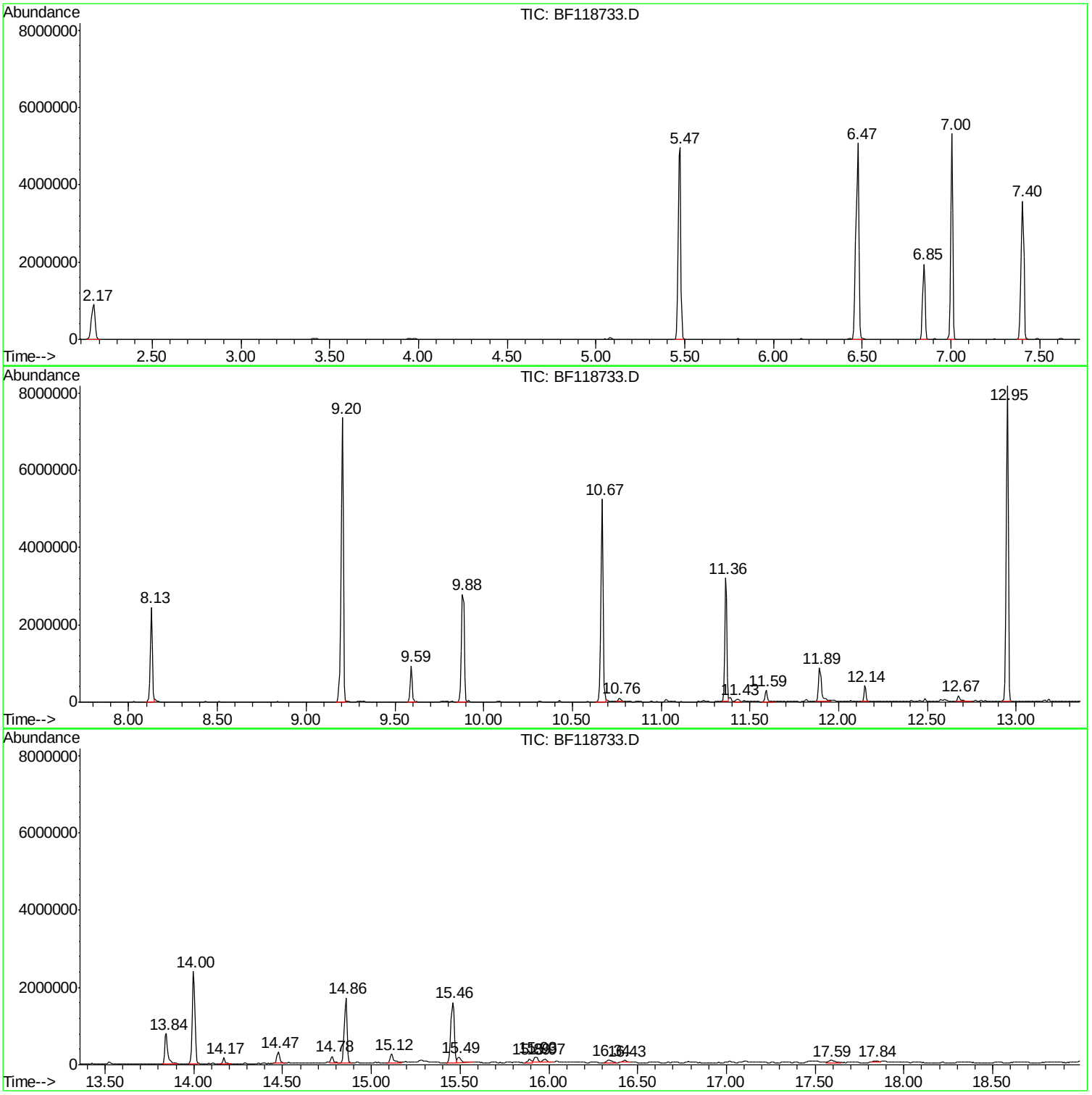
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

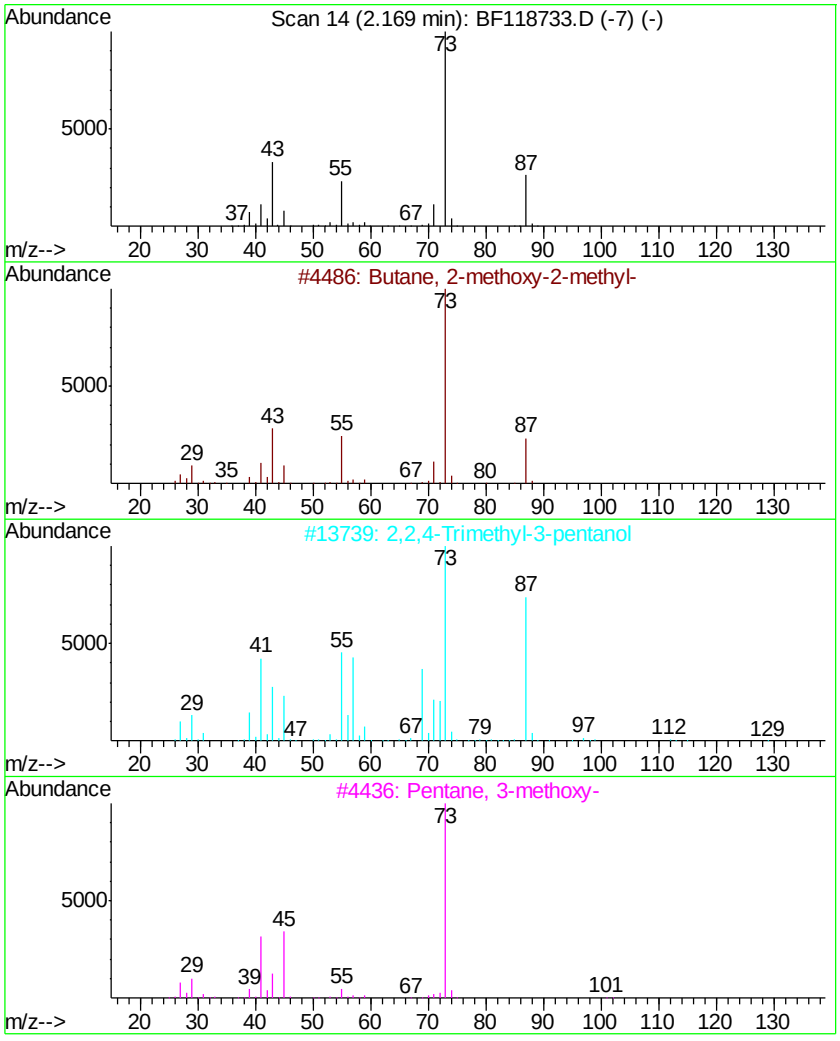
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

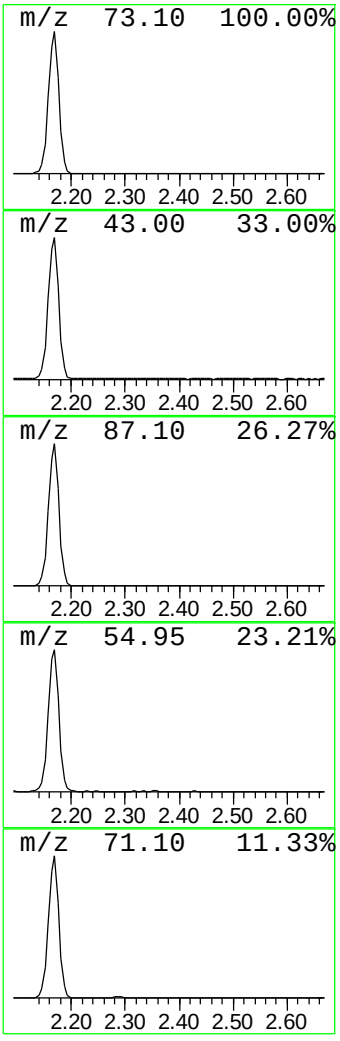
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	14.68 ng	1213760	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

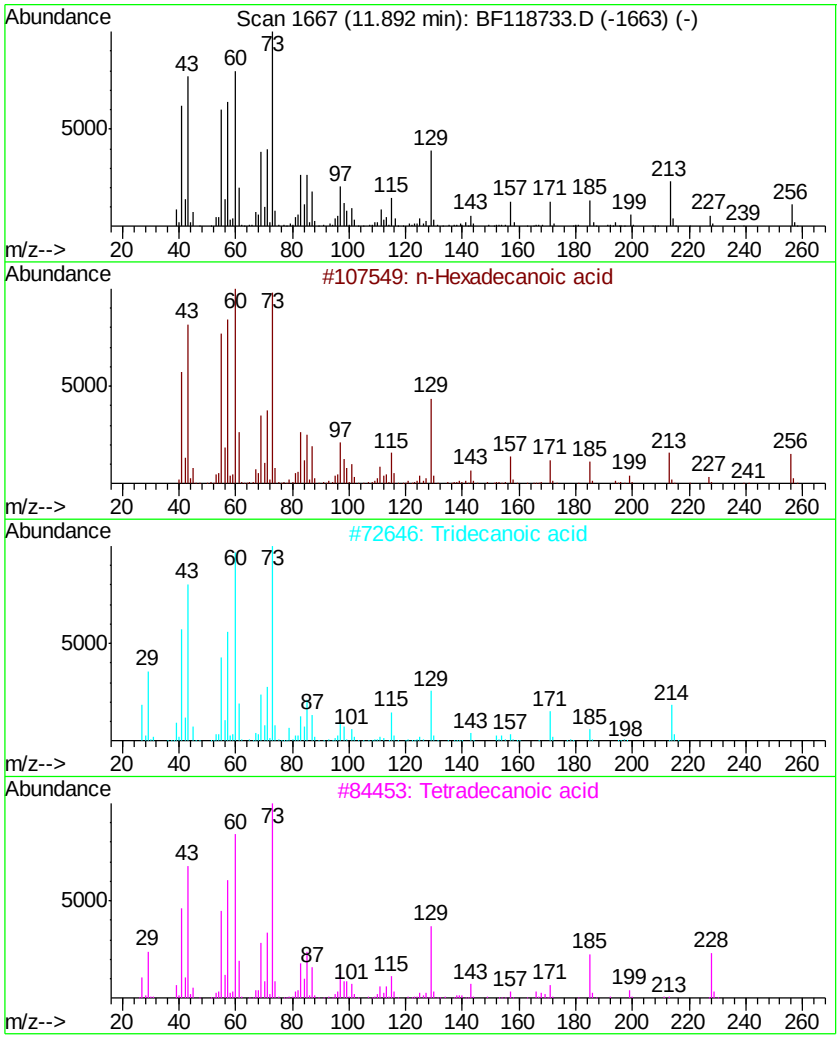
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

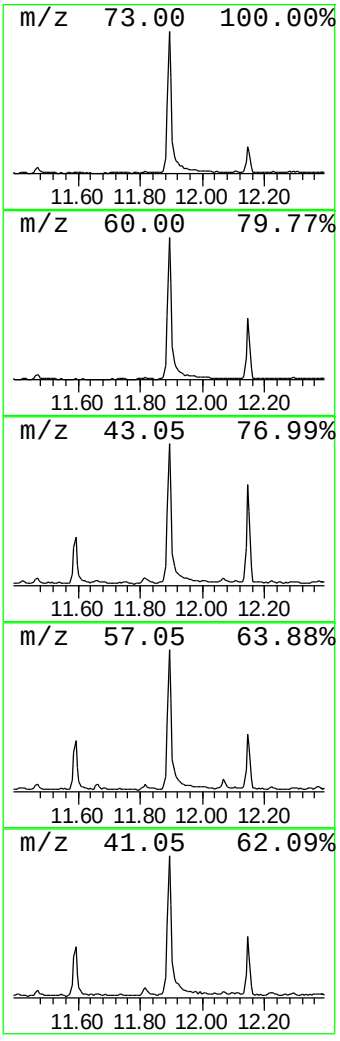
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.18 ng	892200	Phenanthrene-d10	11.36

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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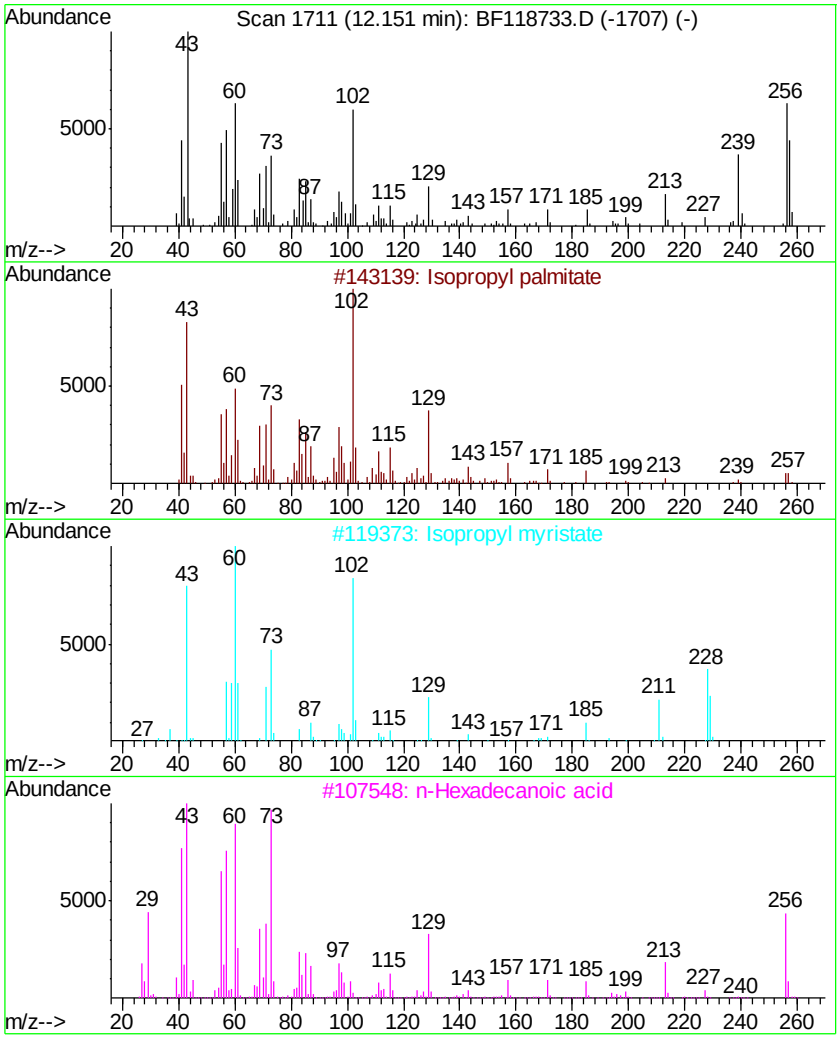
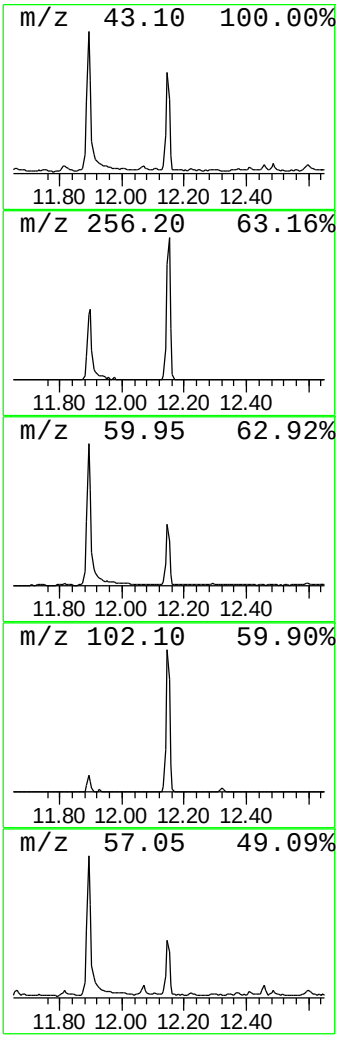
Peak Number 4 Isopropyl palmitate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.43 ng	351120	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	76
2	Isopropyl myristate	270	C17H34O2	000110-27-0	46
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	30
4	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	15
5	Undecanoic acid	186	C11H22O2	000112-37-8	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

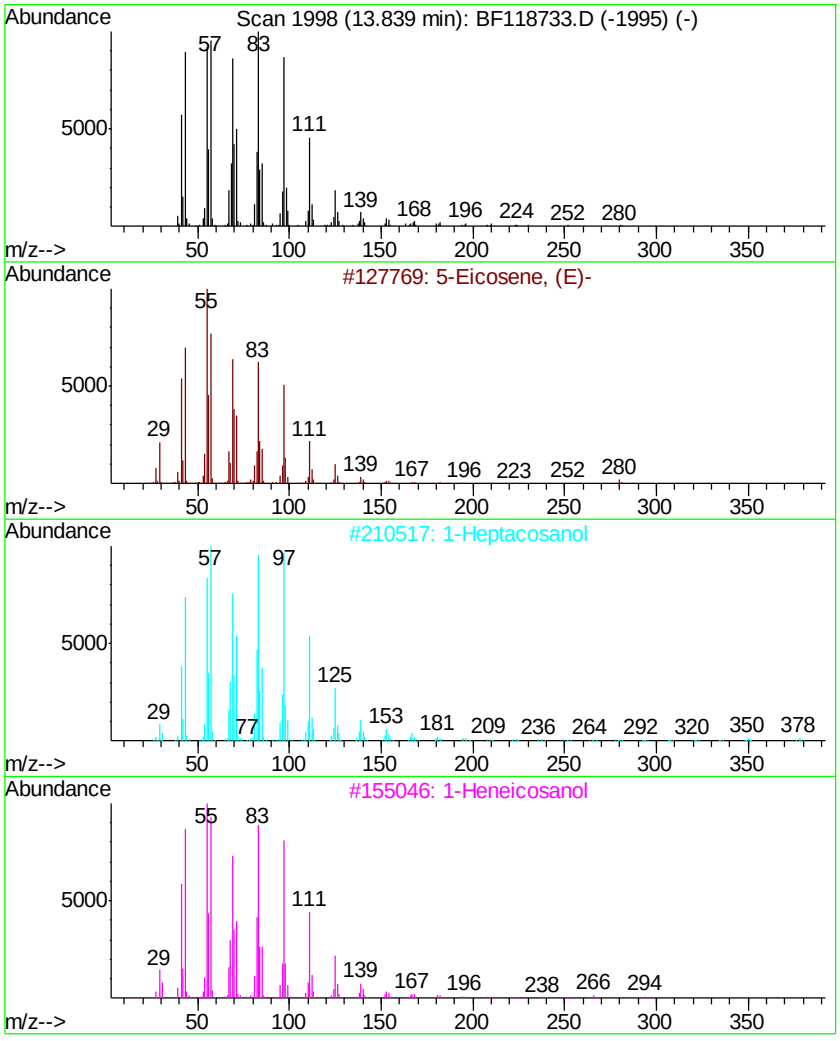
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

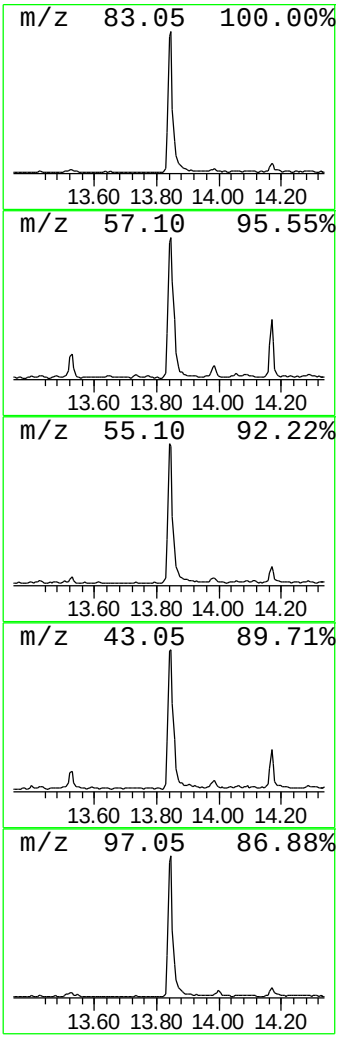
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	8.58 ng	1008590	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
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Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

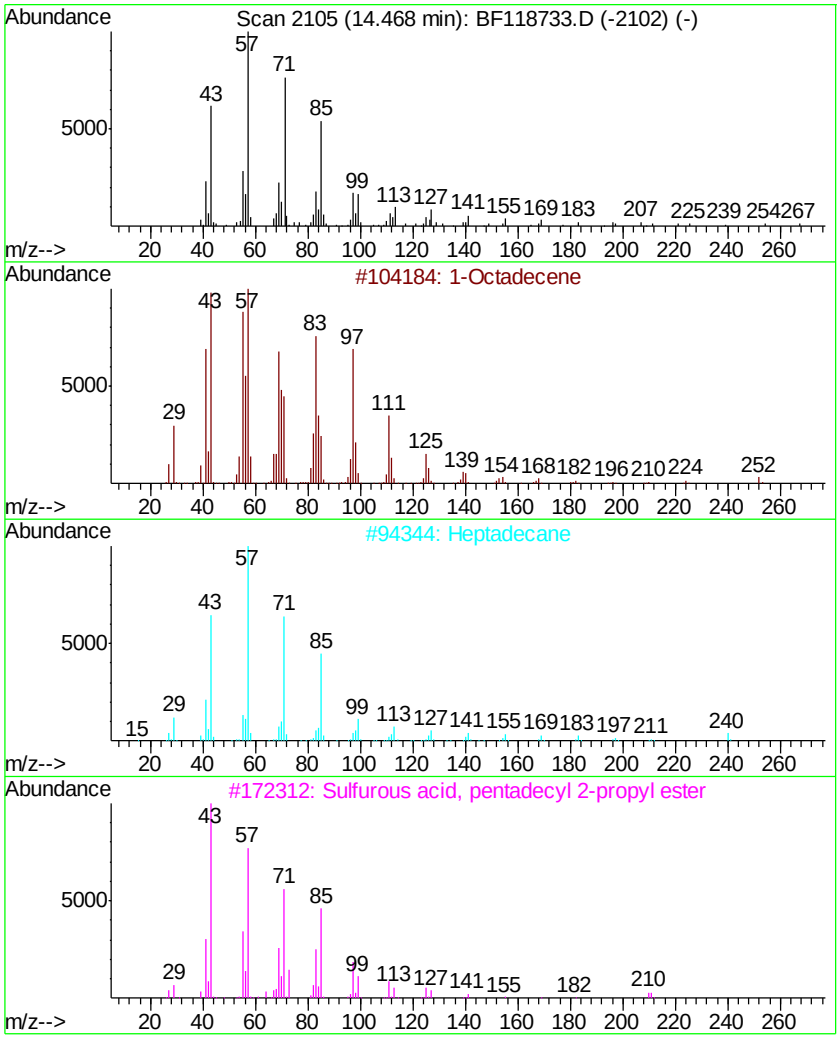
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

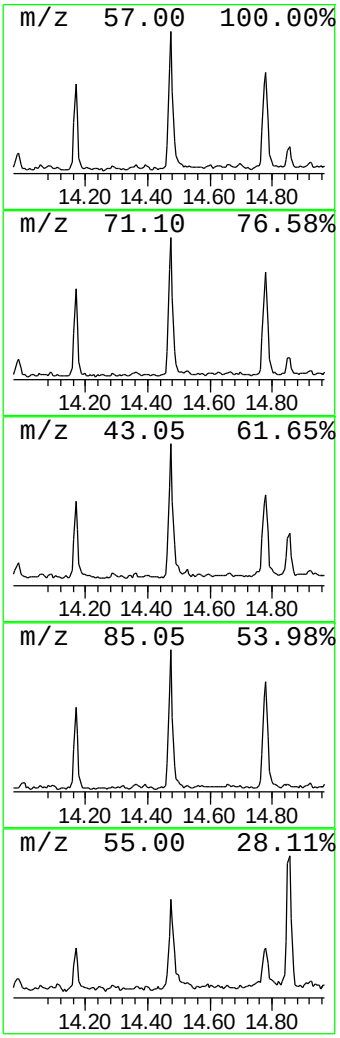
****

Peak Number 6 1-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.67 ng	313436	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
4	Hexacosane	366	C26H54	000630-01-3	83
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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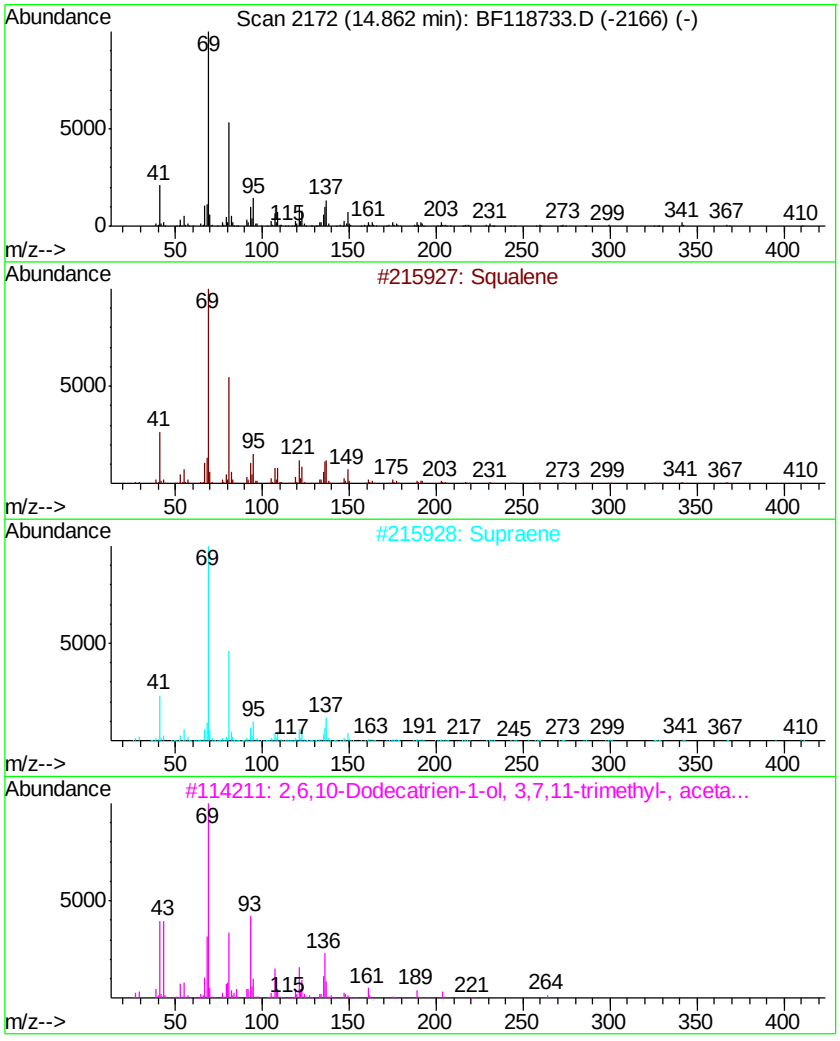
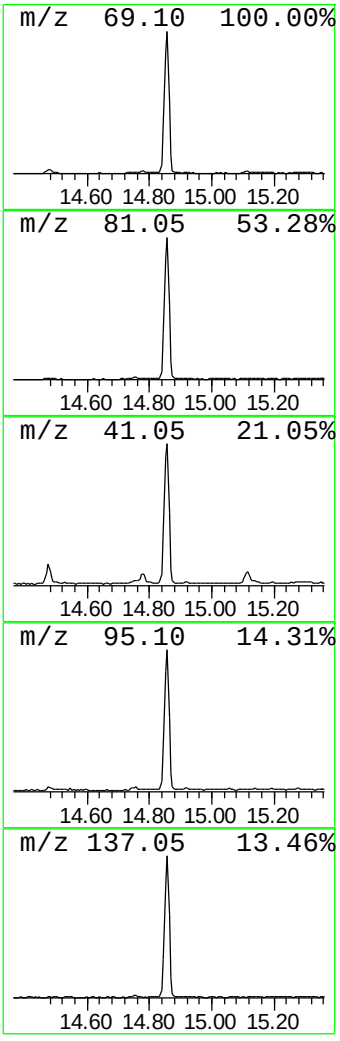
Peak Number 7 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	17.43 ng	1721370	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	93
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	52
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

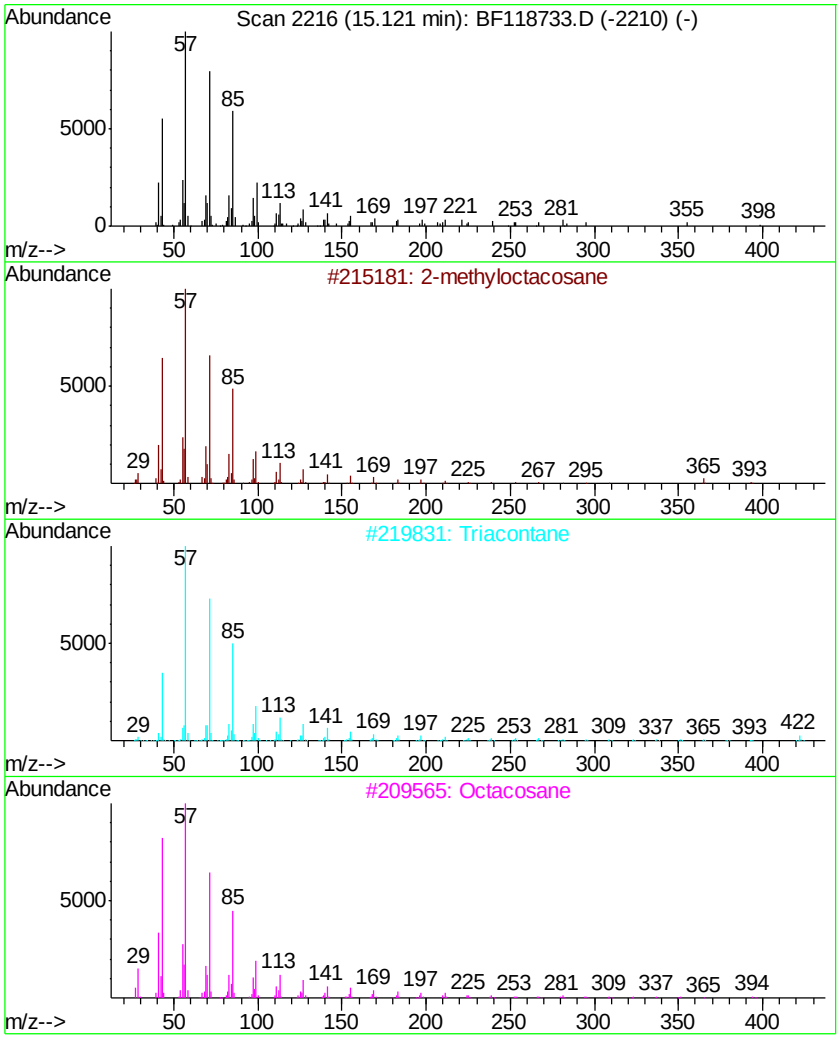
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

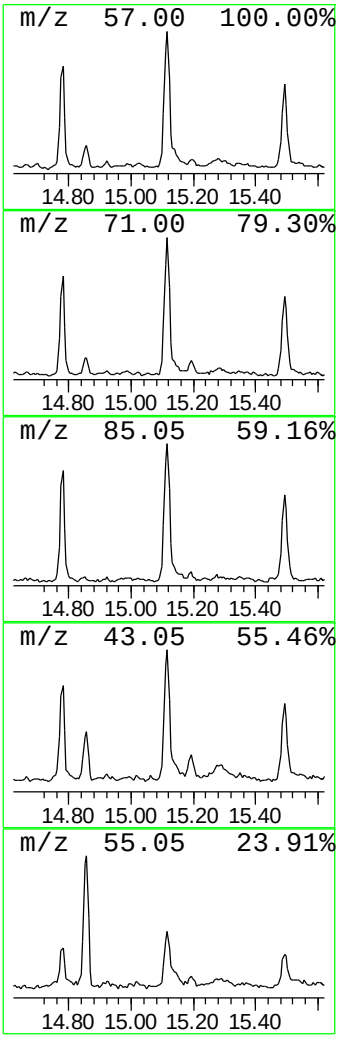
****

Peak Number 8 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.51 ng	346761	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012920\
Data File : BF118733.D
Acq On : 29 Jan 2020 16:04
Operator : CG/JU
Sample : L1289-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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...	2.17	14.7	ng	1213760	1	6.85	1653740	20.0
n-Hexadecanoic acid	11.89	6.2	ng	892200	4	11.36	2887210	20.0
Isopropyl palmitate	12.15	2.4	ng	351120	4	11.36	2887210	20.0
5-Eicosene, (E)-	13.84	8.6	ng	1008590	5	14.00	2351860	20.0
1-Octadecene	14.47	2.7	ng	313436	5	14.00	2351860	20.0
Squalene	14.86	17.4	ng	1721370	6	15.46	1974720	20.0
2-methyloctacosane	15.12	3.5	ng	346761	6	15.46	1974720	20.0