LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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	2.875	129	134	141	rVB	540920	785850	7.86%	1.143%
2	4.457	398	403	407	rBV	126108	144121	1.44%	0.210%
3	4.645	431	435	443	rBV	245200	263723	2.64%	0.384%
4	5.081	503	509	517	rVB2	421263	613009	6.13%	0.891%
5	5.463	569	574	578	rVB	5941603	6902538	69.02%	10.038%
6	6.463	738	744	747	rBV	5726847	6489197	64.89%	9.437%
7	6.828	802	806	809	rBV	1938347	1605118	16.05%	2.334%
8	6.986	828	833	836	rBV	6882864	6362051	63.62%	9.252%
9	7.386	895	901	904	rBV	4644511	5185909	51.86%	7.542%
10	8.104	1019	1023	1027	rBV	2236031	2153627	21.54%	3.132%
11	9.186	1201	1207	1210	rBV	9521346	10000555	100.00%	14.543%
12	9.575	1269	1273	1276	rBV	296454	238548	2.39%	0.347%
13	9.863	1314	1322	1325	rBV	3022695	2648962	26.49%	3.852%
14	10.651	1450	1456	1460	rBV	6497841	6820654	68.20%	9.919%
15	10.769	1473	1476	1484	rVB	115148	130692	1.31%	0.190%
16	11.345	1570	1574	1578	rBV	2880946	2532670	25.33%	3.683%
17	11.874	1660	1664	1679	rBV	612460	661962	6.62%	0.963%
18	12.657	1794	1797	1810	rBV	189734	245858	2.46%	0.358%
19	12.933	1839	1844	1847	rBV	9054815	9669796	96.69%	14.062%
20	13.833	1993	1997	2010	rBV	327101	428701	4.29%	0.623%
21	13.980	2018	2022	2026	rBV	1855094	1701395	17.01%	2.474%
22	14.151	2047	2051	2058	rBV	126963	125840	1.26%	0.183%
23	14.457	2099	2103	2111	rBV	195856	213578	2.14%	0.311%
24	14.762	2150	2155	2160	rBV	226876	246197	2.46%	0.358%
25	15.092	2207	2211	2216	rBV	215948	256395	2.56%	0.373%
26	15.433	2263	2269	2273	rBV	1418110	1753776	17.54%	2.550%
27	15.468	2273	2275	2280	rVB	208246	229791	2.30%	0.334%
28	15.898	2343	2348	2353	rBV	142451	210862	2.11%	0.307%
29	16.398	2428	2433	2443	rVB2	74840	142813	1.43%	0.208%

Sum of corrected areas: 68764188

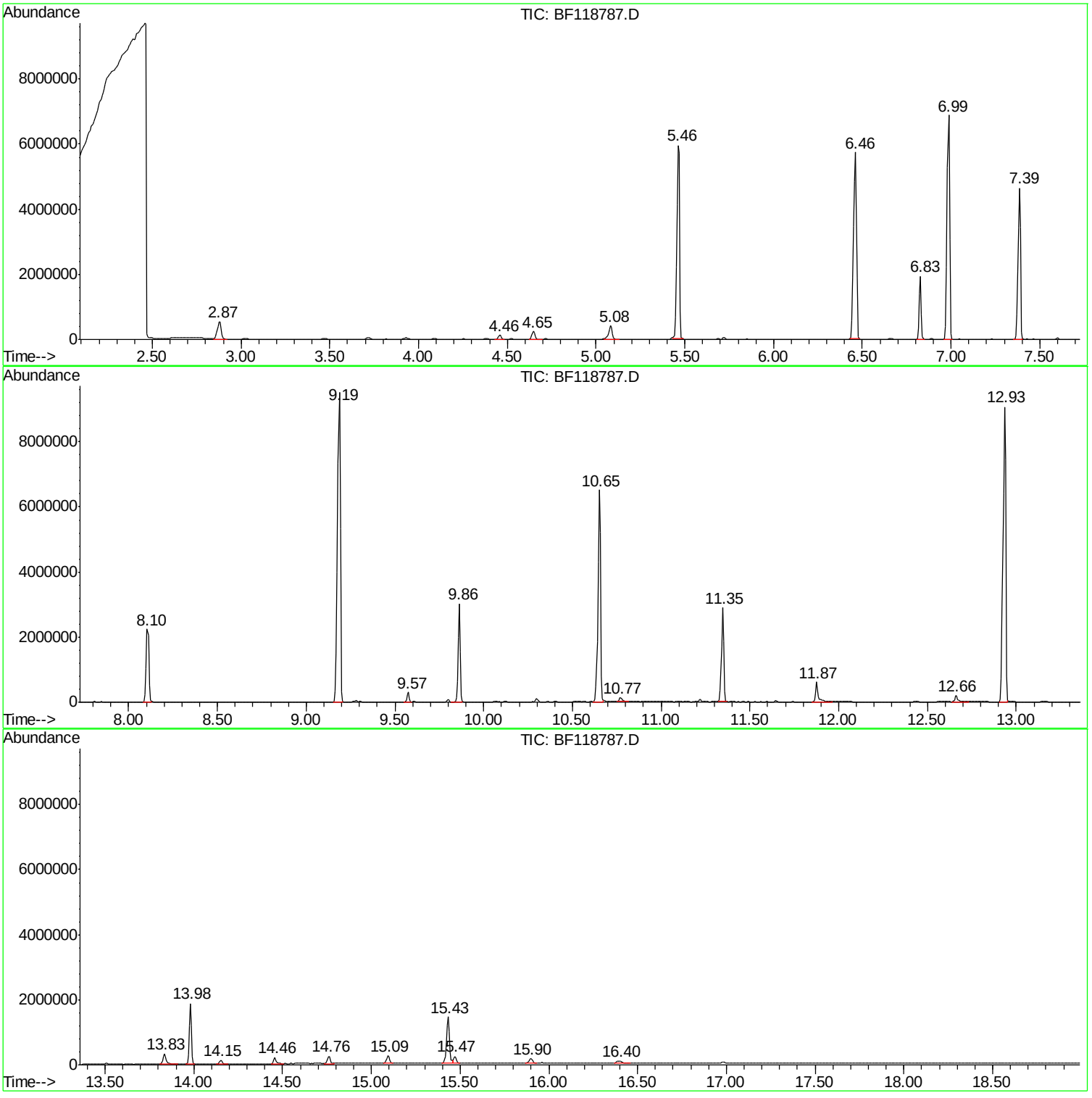
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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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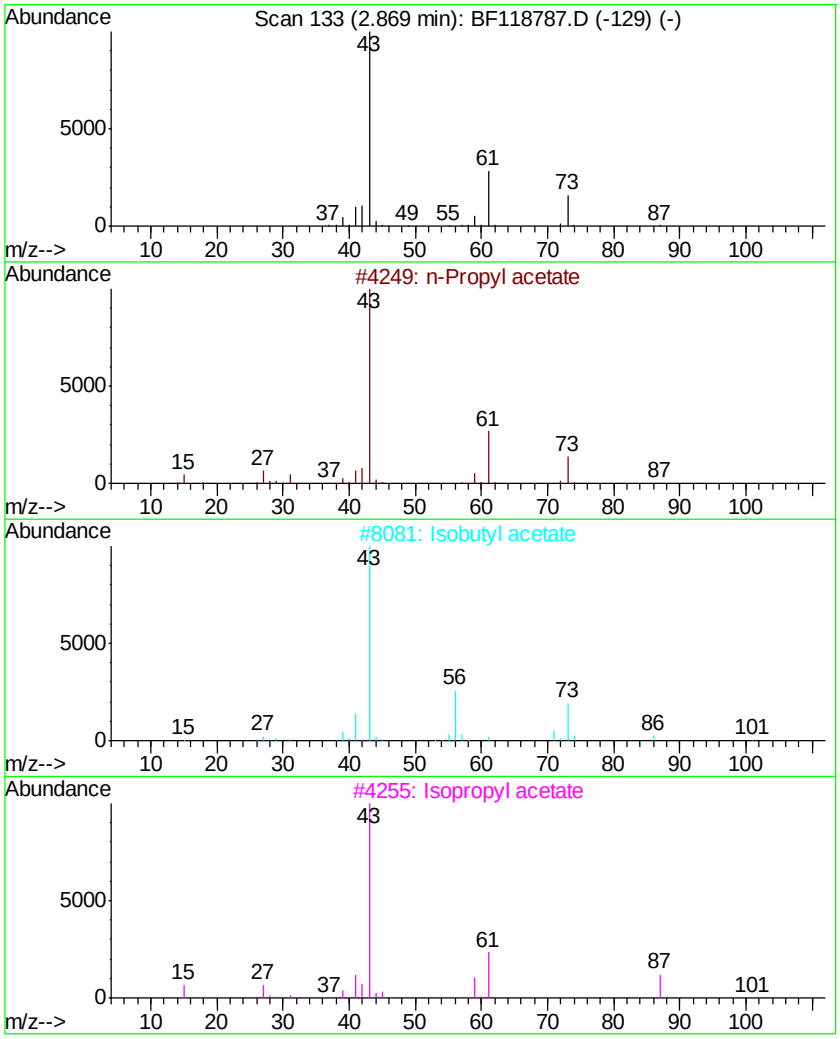
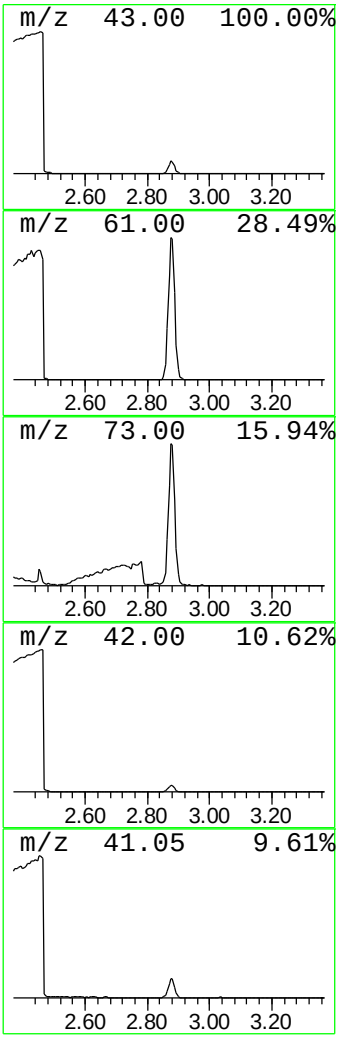
Peak Number 1 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	9.79 ng	785850	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	Isobutyl acetate	116	C6H12O2	000110-19-0	9
3	Isopropyl acetate	102	C5H10O2	000108-21-4	9
4	1-Butanamine	73	C4H11N	000109-73-9	7
5	Isobutylamine	73	C4H11N	000078-81-9	4





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Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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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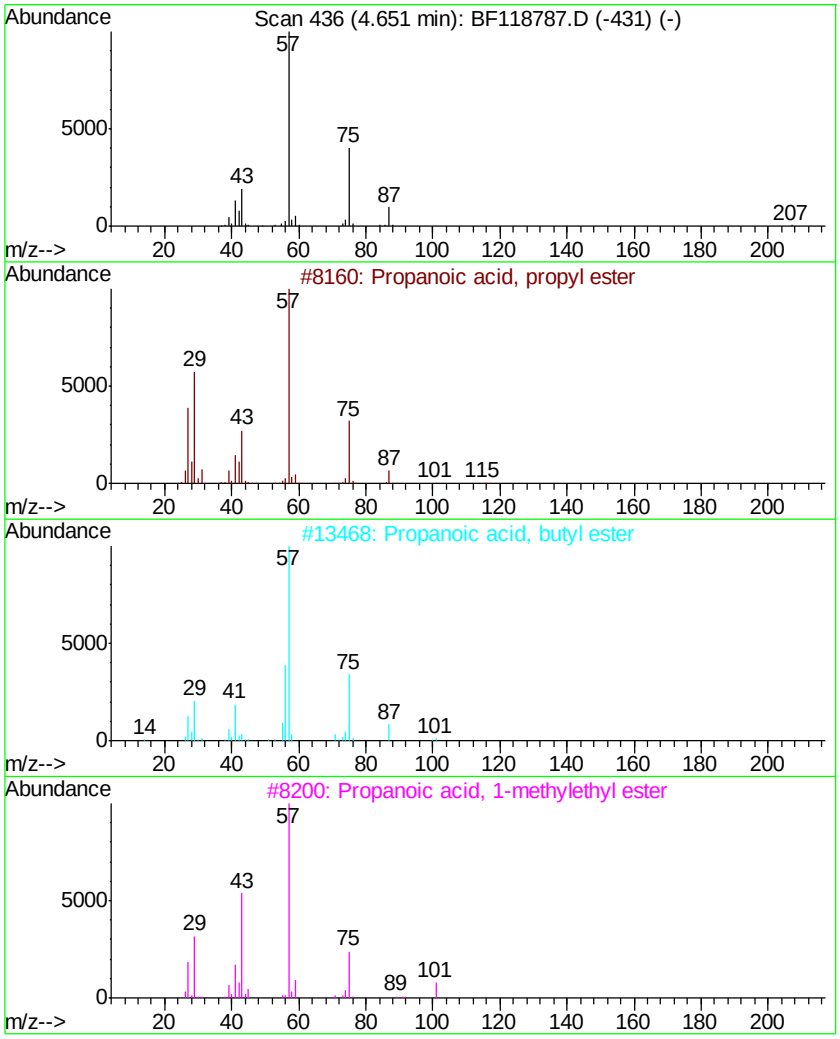
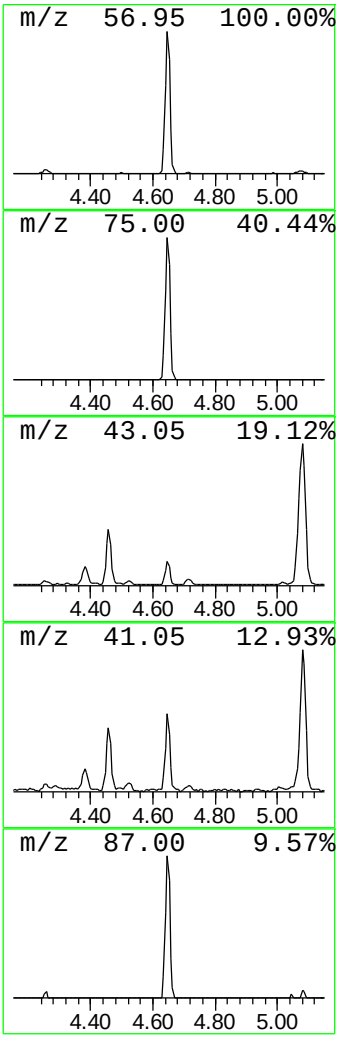
Peak Number 2 Propanoic acid, propyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	3.29 ng	263723	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	40
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	17
4	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	10
5	1,4-Di(t-butylthio)but-2-ene	232	C12H24S2	1000250-28-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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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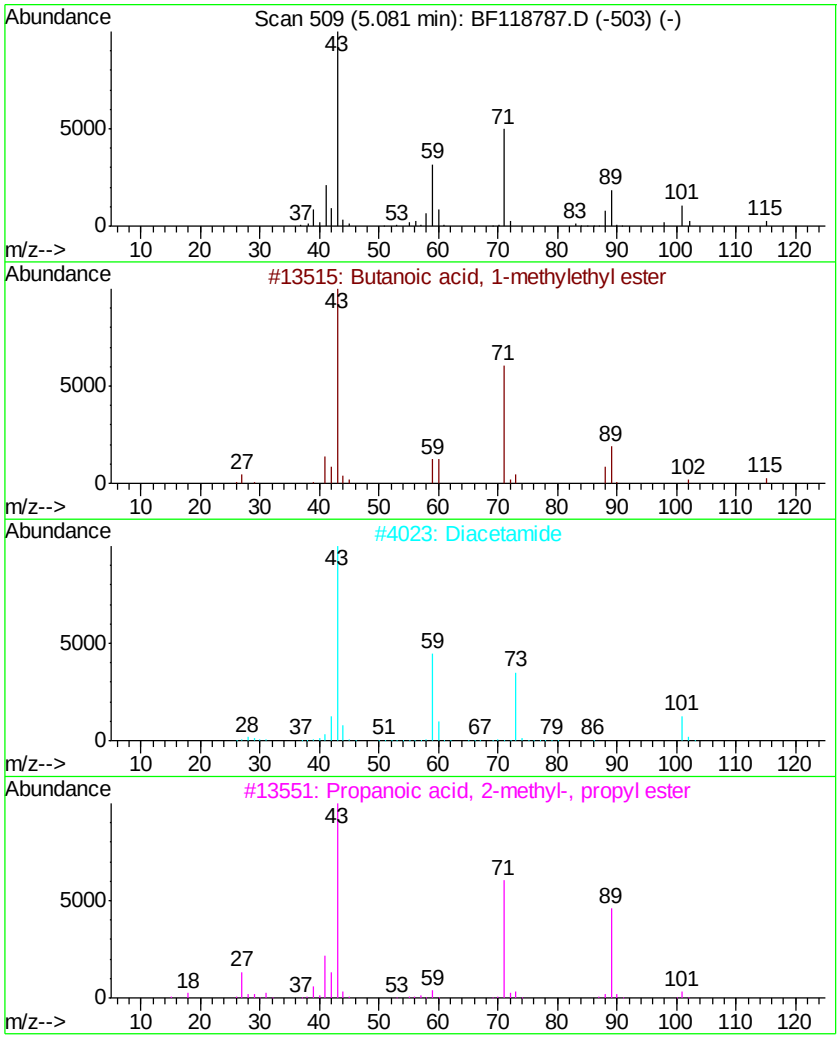
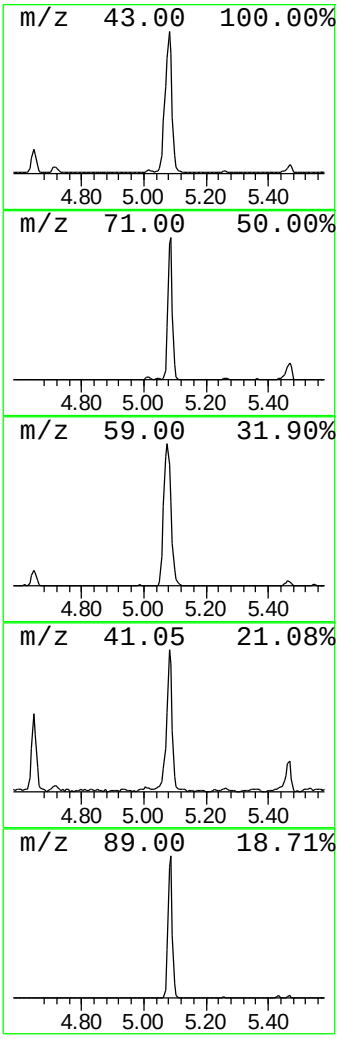
Peak Number 3 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	7.64 ng	613009	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	59
2	Diacetamide	101	C4H7NO2	000625-77-4	43
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	40
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	38
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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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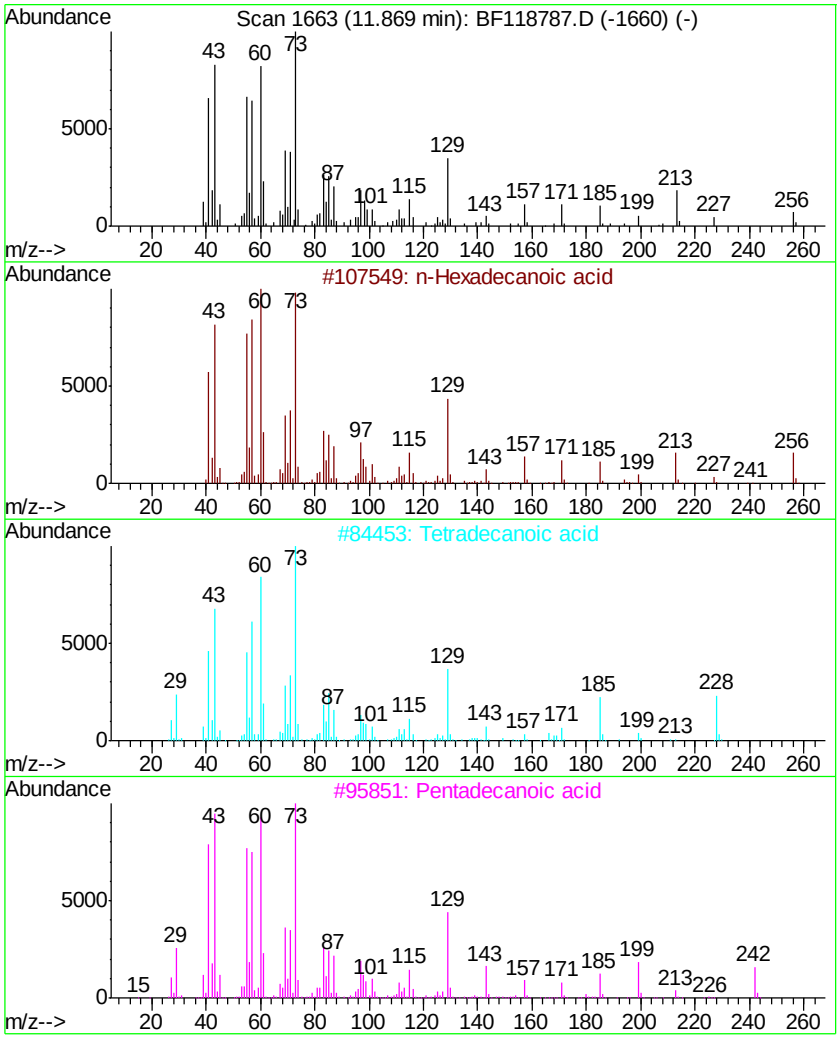
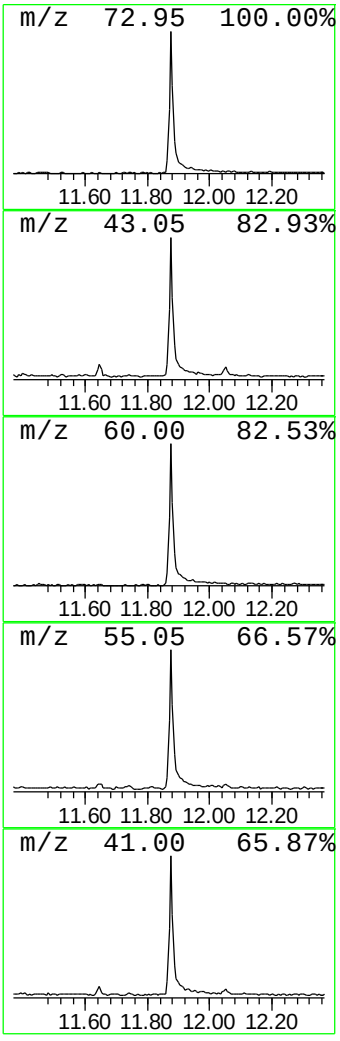
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.23 ng	661962	Phenanthrene-d10	11.35

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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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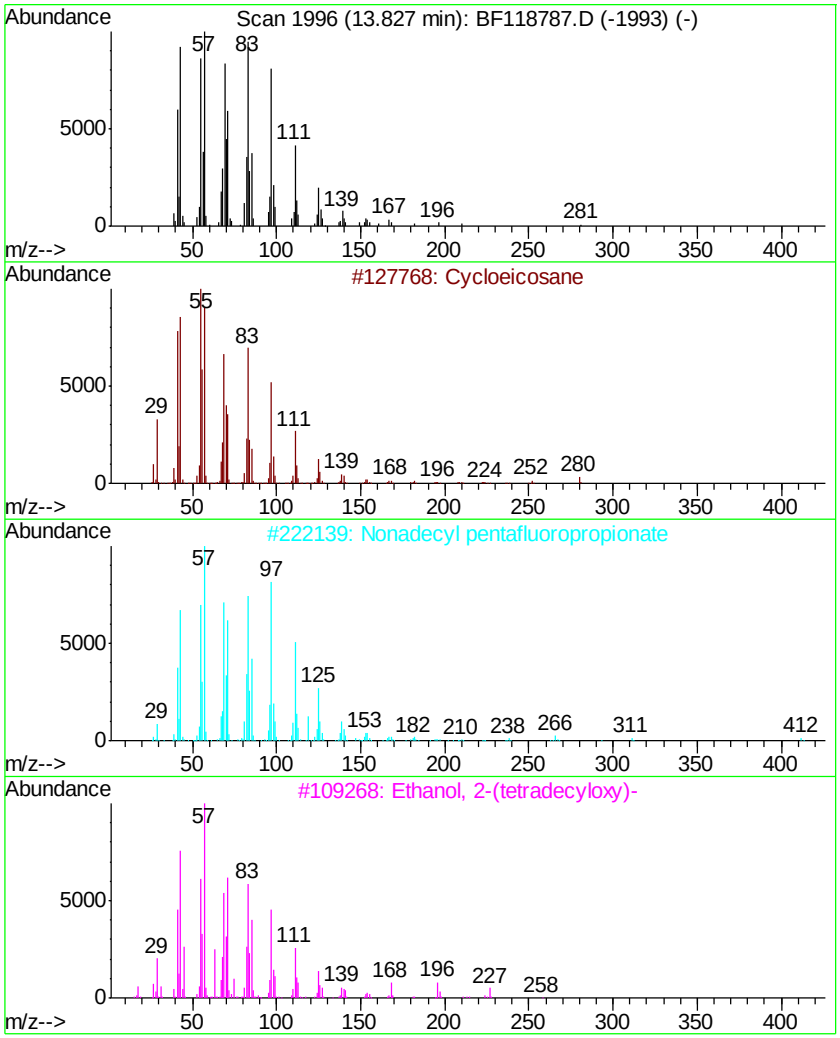
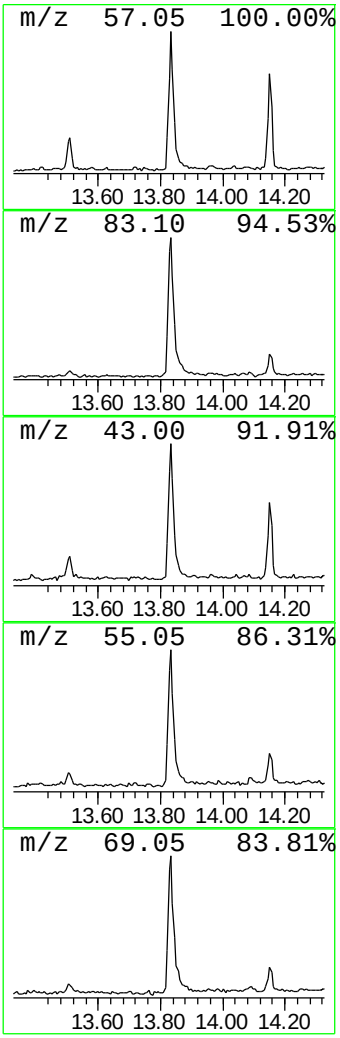
Peak Number 6 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.04 ng	428701	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	94
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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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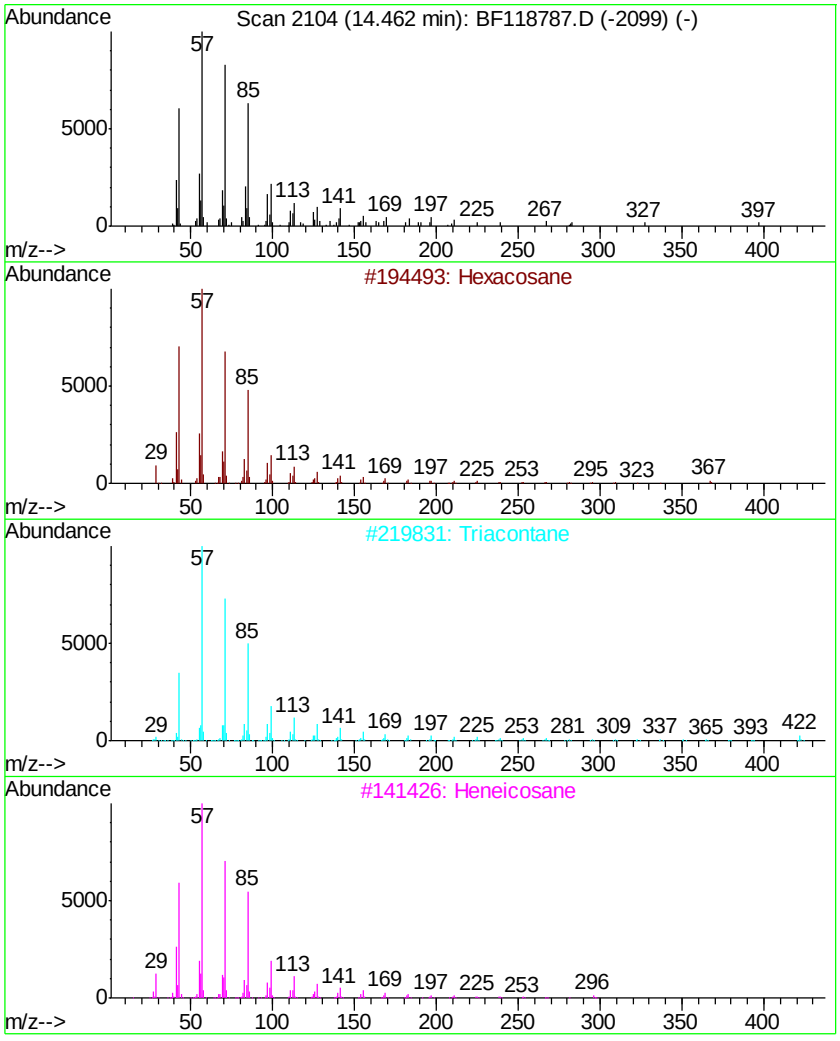
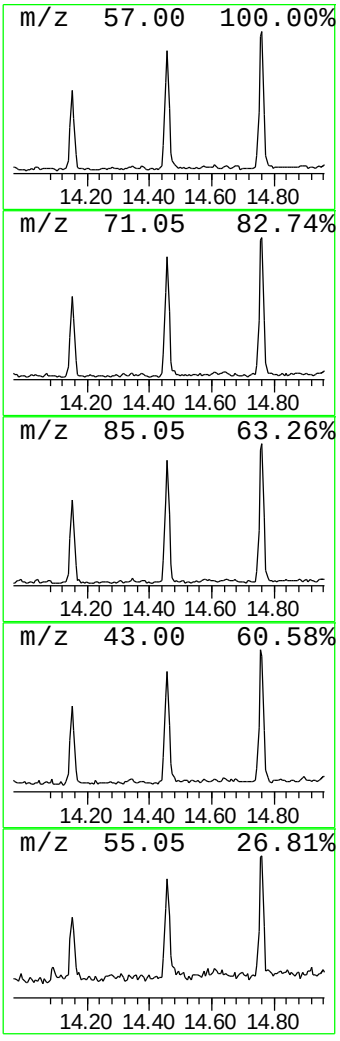
Peak Number 7 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.51 ng	213578	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane	310	C22H46	000629-97-0	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

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Data File : BF118787.D
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Sample : L1333-06
Misc :
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Instrument : BNA_F
ClientSampleId : TP-1-2-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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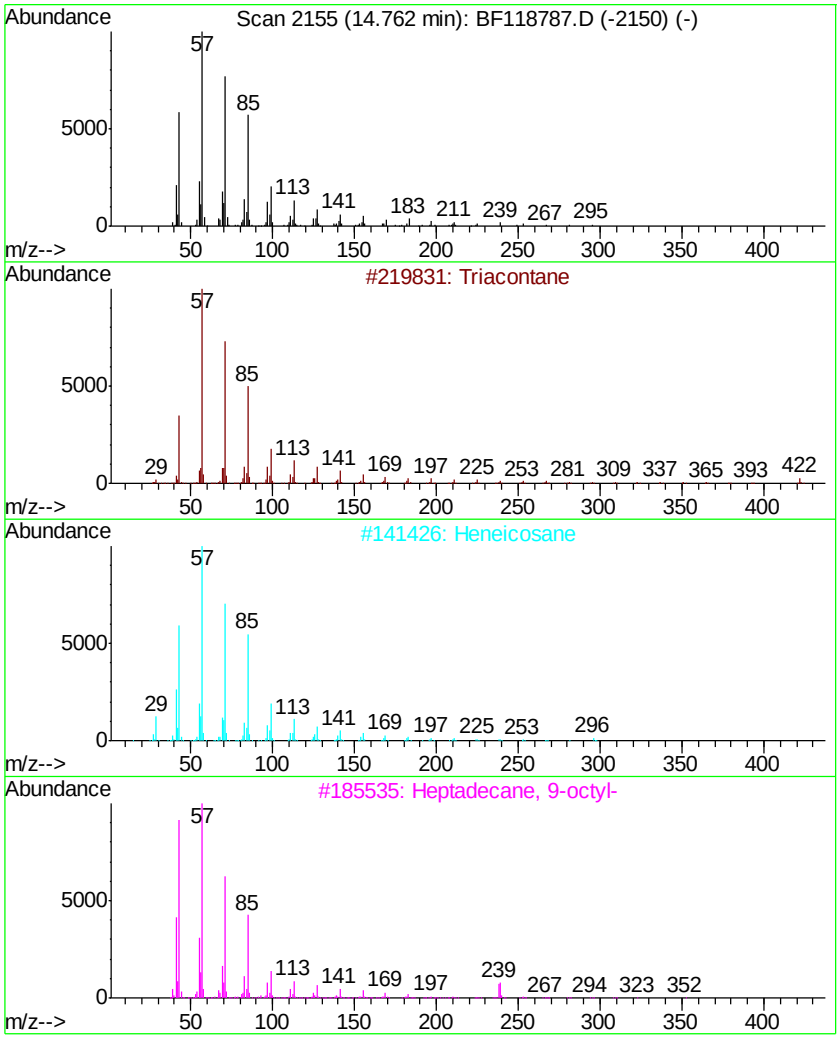
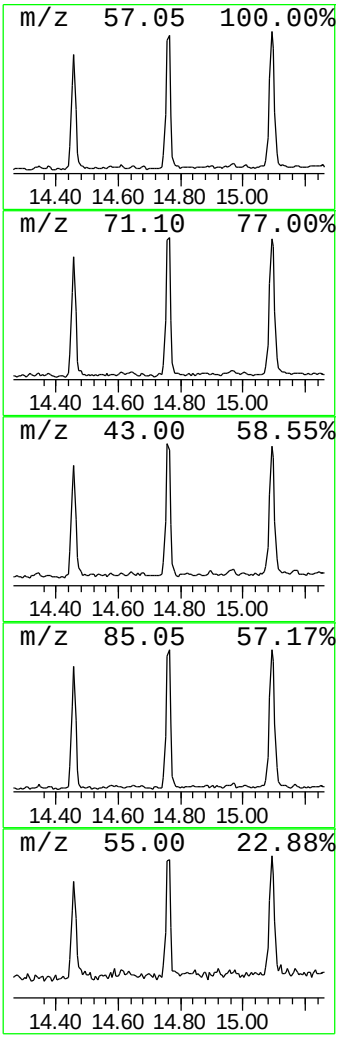
Peak Number 8 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.81 ng	246197	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octadecane	254	C18H38	000593-45-3	91





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Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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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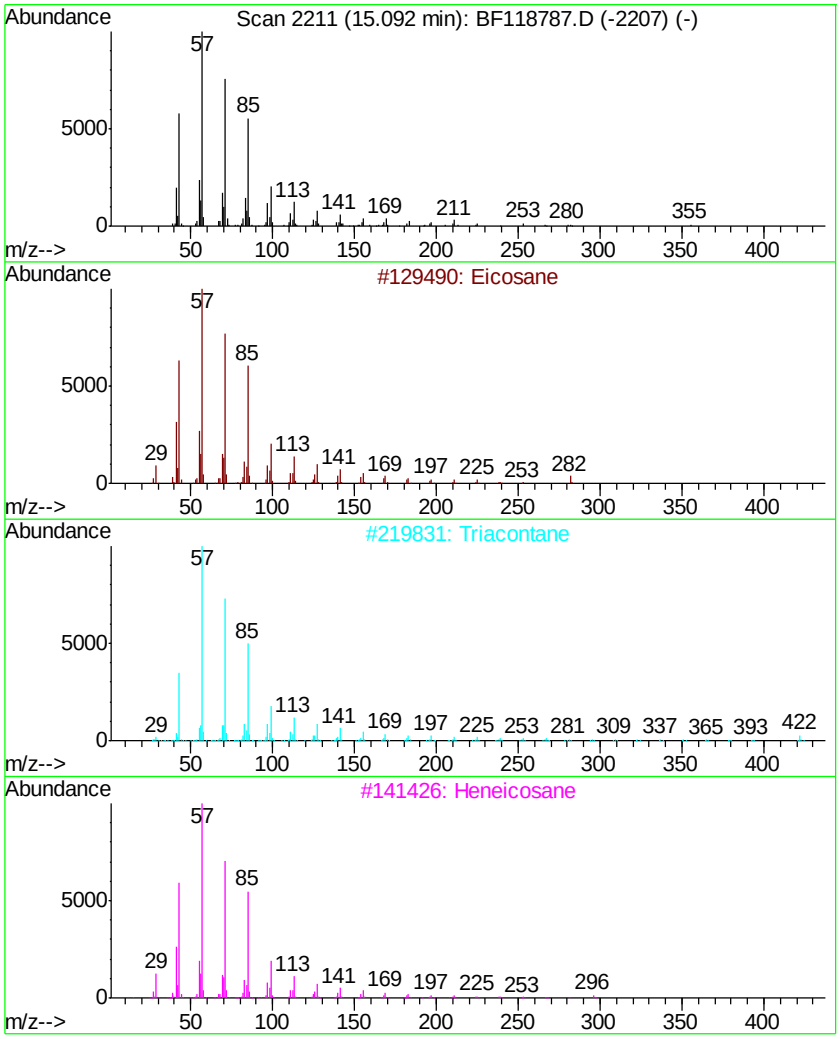
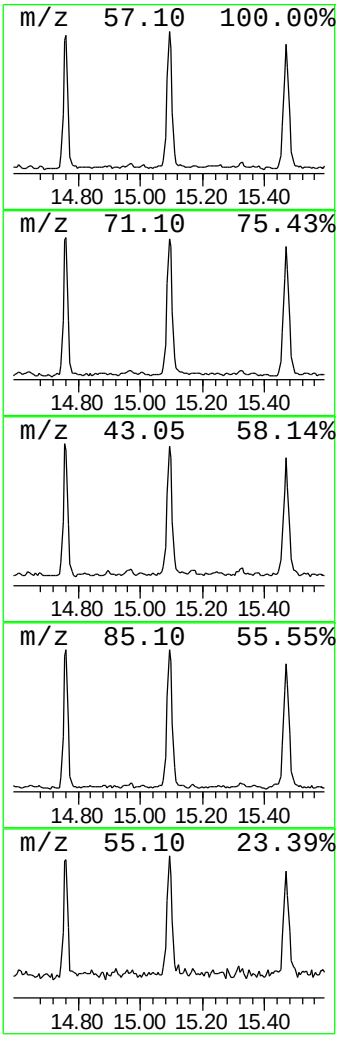
Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.92 ng	256395	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	90





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Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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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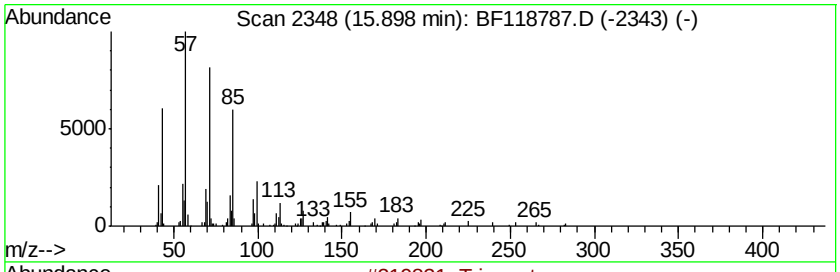
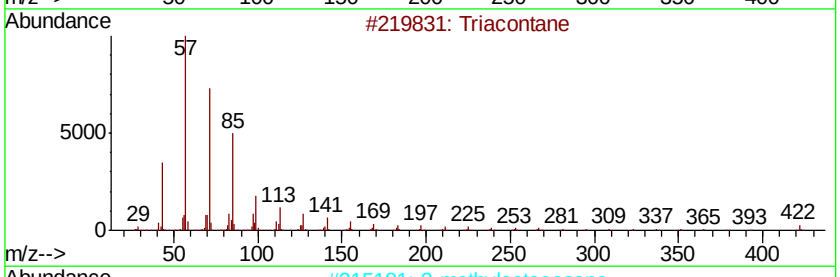
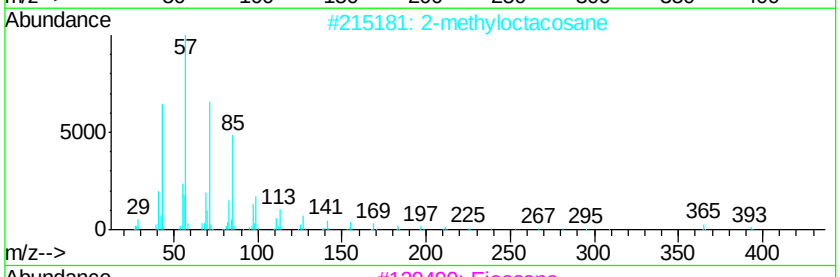
Peak Number 10 2-methyloctacosane Concentration Rank 10

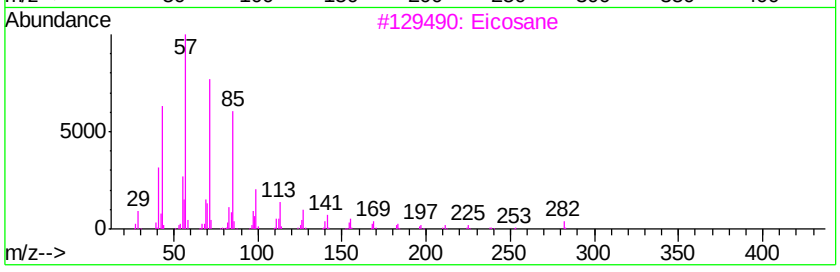
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.40 ng	210862	Perylene-d12	15.43

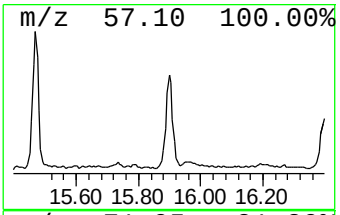
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	90

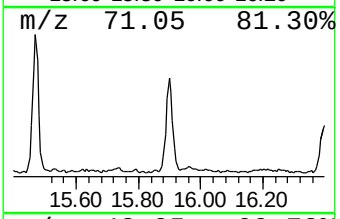


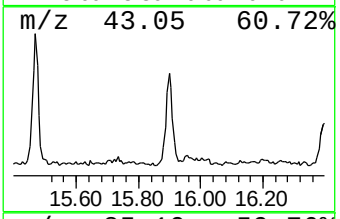


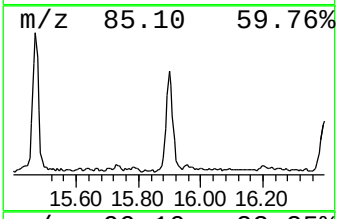


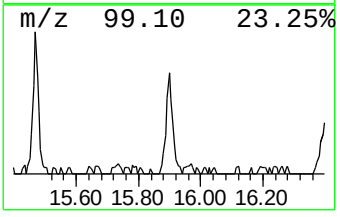












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013120\
Data File : BF118787.D
Acq On : 31 Jan 2020 17:39
Operator : CG/JU
Sample : L1333-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-2-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
n-Propyl acetate	2.87	9.8	ng	785850	1	6.83	1605120	20.0
Propanoic acid, p...	4.65	3.3	ng	263723	1	6.83	1605120	20.0
Butanoic acid, 1-...	5.08	7.6	ng	613009	1	6.83	1605120	20.0
n-Hexadecanoic acid	11.87	5.2	ng	661962	4	11.35	2532670	20.0
Cycloeicosane	13.83	5.0	ng	428701	5	13.98	1701400	20.0
Hexacosane	14.46	2.5	ng	213578	5	13.98	1701400	20.0
Triacontane	14.76	2.8	ng	246197	6	15.43	1753780	20.0
Eicosane	15.09	2.9	ng	256395	6	15.43	1753780	20.0
2-methyloctacosane	15.90	2.4	ng	210862	6	15.43	1753780	20.0