LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118788.D
Acq On : 31 Jan 2020 18:06
Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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	2.887	125	136	148	rVB	457635	686329	6.51%	0.985%
2	4.457	399	403	409	rVB	110886	126977	1.20%	0.182%
3	4.646	429	435	442	rBV	201453	229889	2.18%	0.330%
4	5.081	500	509	520	rVB2	360165	559345	5.31%	0.803%
5	5.463	568	574	578	rBV	5951464	7067723	67.03%	10.143%
6	6.463	737	744	747	rBV	5761655	6709179	63.63%	9.629%
7	6.828	802	806	809	rBV	1738999	1607513	15.25%	2.307%
8	6.987	828	833	836	rBV	6455371	6482472	61.48%	9.304%
9	7.386	895	901	904	rBV	4467134	5252820	49.82%	7.539%
10	8.104	1018	1023	1027	rBV	2046036	2225619	21.11%	3.194%
11	8.916	1156	1161	1166	rVB	111964	118671	1.13%	0.170%
12	9.186	1200	1207	1210	rBV	8873763	10543678	100.00%	15.132%
13	9.863	1314	1322	1325	rBV	2786539	2645043	25.09%	3.796%
14	10.651	1449	1456	1460	rBV	6454894	6903136	65.47%	9.907%
15	11.345	1569	1574	1577	rBV	2974233	2545135	24.14%	3.653%
16	11.874	1660	1664	1668	rBV	513863	485111	4.60%	0.696%
17	12.657	1794	1797	1808	rBV	139006	177192	1.68%	0.254%
18	12.933	1839	1844	1847	rBV	9182577	9801066	92.96%	14.066%
19	13.833	1993	1997	2010	rBV	386603	527250	5.00%	0.757%
20	13.980	2018	2022	2026	rBV	1918181	1741278	16.51%	2.499%
21	14.151	2047	2051	2054	rBV	135865	131444	1.25%	0.189%
22	14.457	2099	2103	2109	rBV	208968	202273	1.92%	0.290%
23	14.762	2151	2155	2162	rVB	231650	241573	2.29%	0.347%
24	15.092	2207	2211	2219	rBV	230907	284370	2.70%	0.408%
25	15.433	2264	2269	2273	rBV	1436517	1759072	16.68%	2.525%
26	15.468	2273	2275	2283	rVB	203416	243036	2.31%	0.349%
27	15.898	2343	2348	2355	rBV	144771	225961	2.14%	0.324%
28	16.398	2427	2433	2441	rBV2	78034	154339	1.46%	0.222%

Sum of corrected areas: 69677494

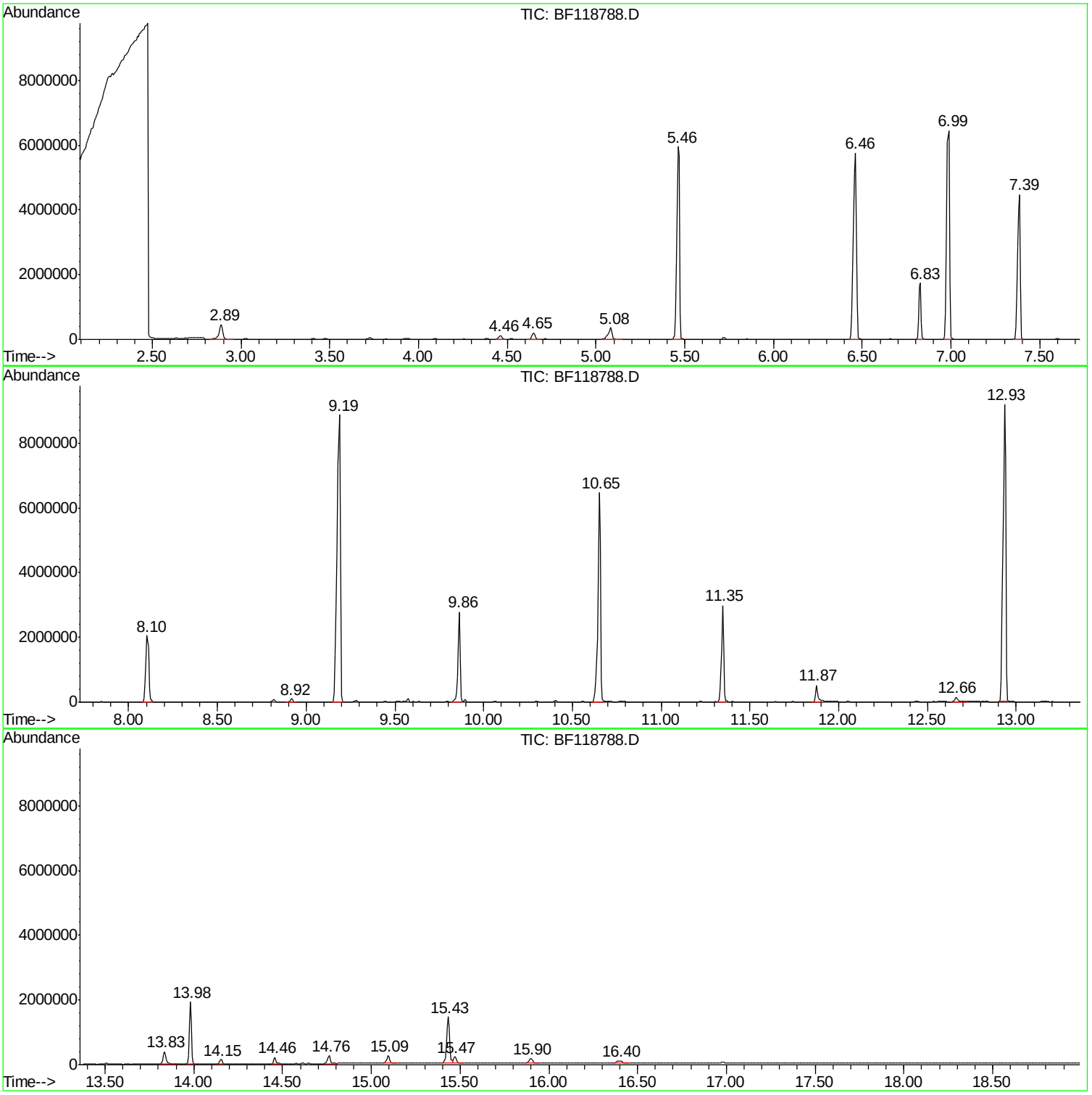
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118788.D
Acq On : 31 Jan 2020 18:06
Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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\BF013120\
Data File : BF118788.D
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Instrument : BNA_F
ClientSampleId : 200059

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

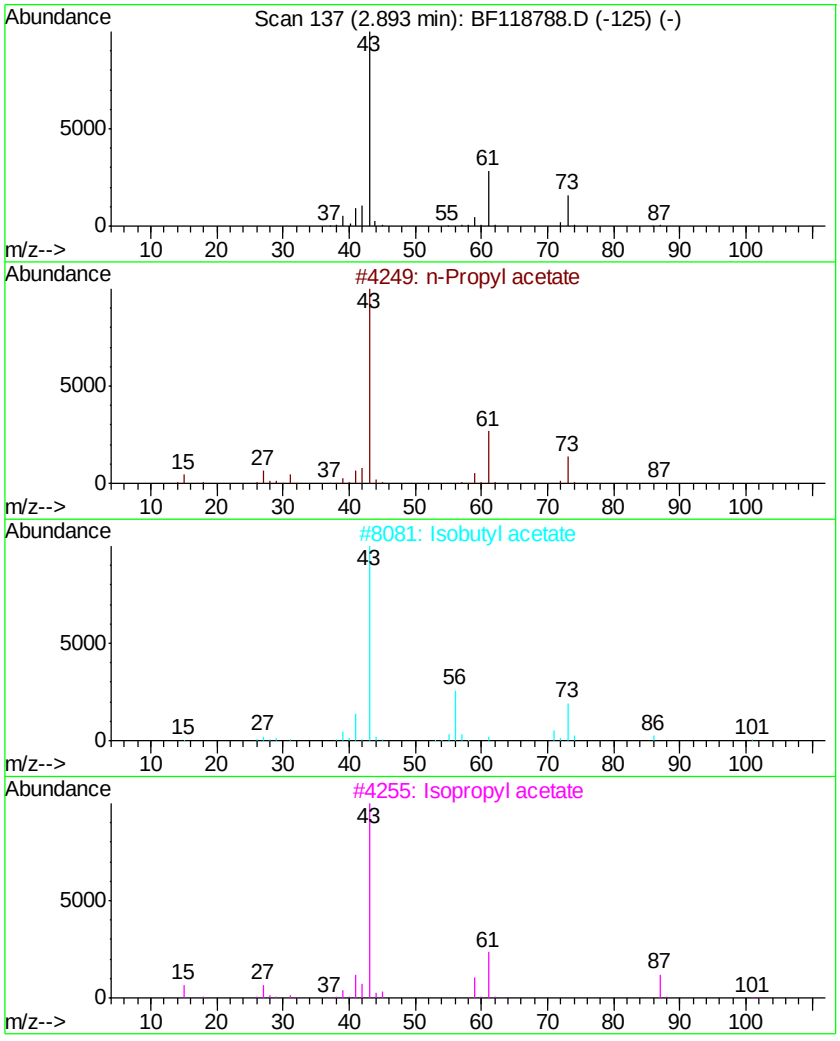
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

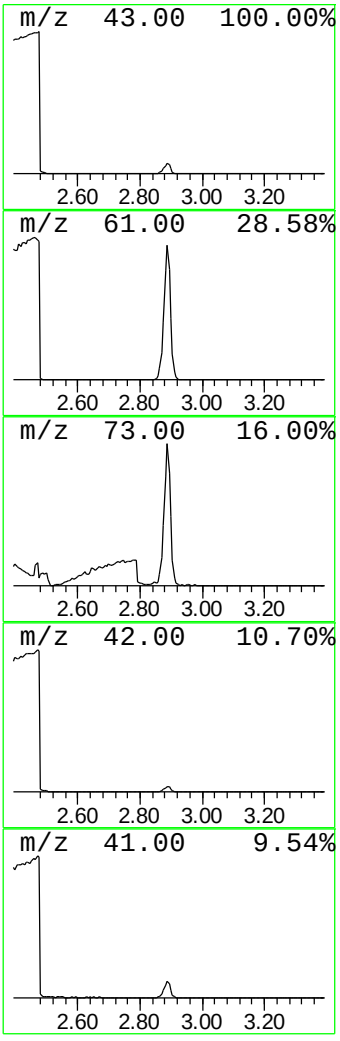
****

Peak Number 1 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	8.54 ng	686329	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 : BF118788.D
Acq On : 31 Jan 2020 18:06
Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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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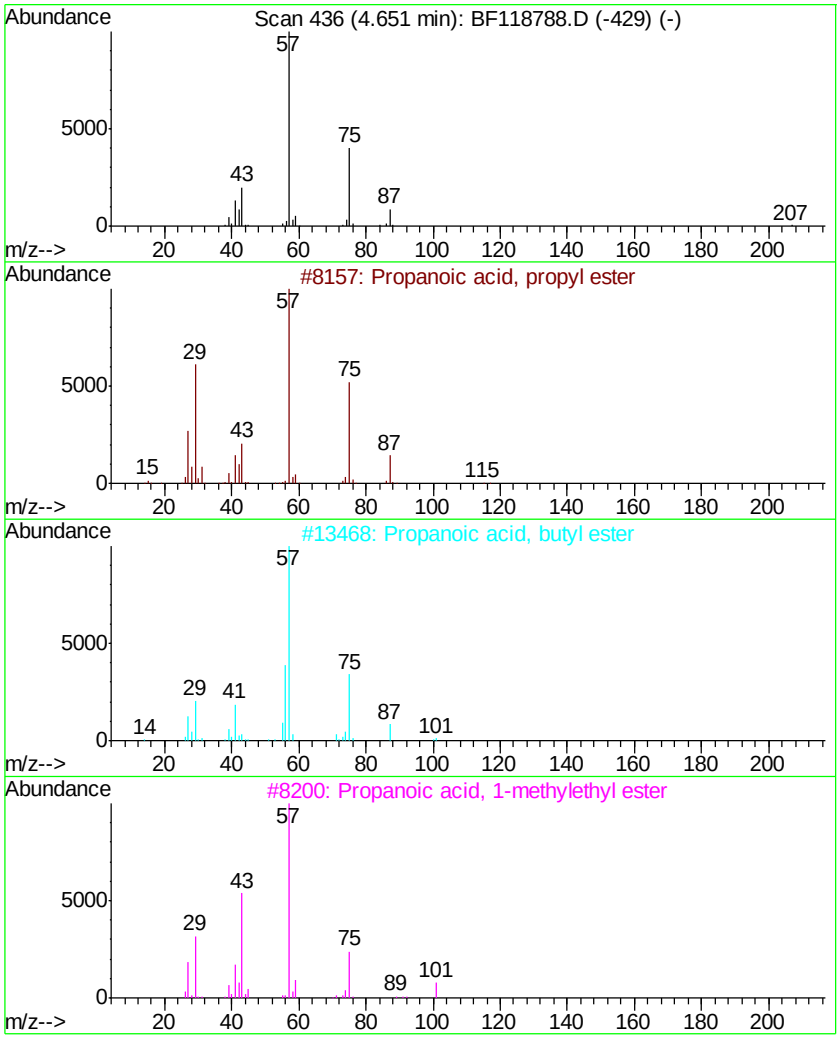
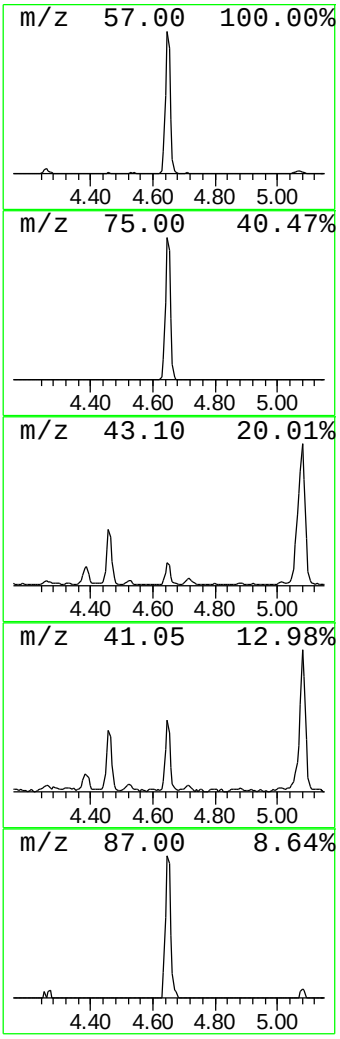
Peak Number 2 Propanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	2.86 ng	229889	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	50
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	25
4	2-Bromopropionic acid tert-butyl...	208	C7H13BrO2	039149-80-9	9
5	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9





Library Search Compound Report

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Data File : BF118788.D
Acq On : 31 Jan 2020 18:06
Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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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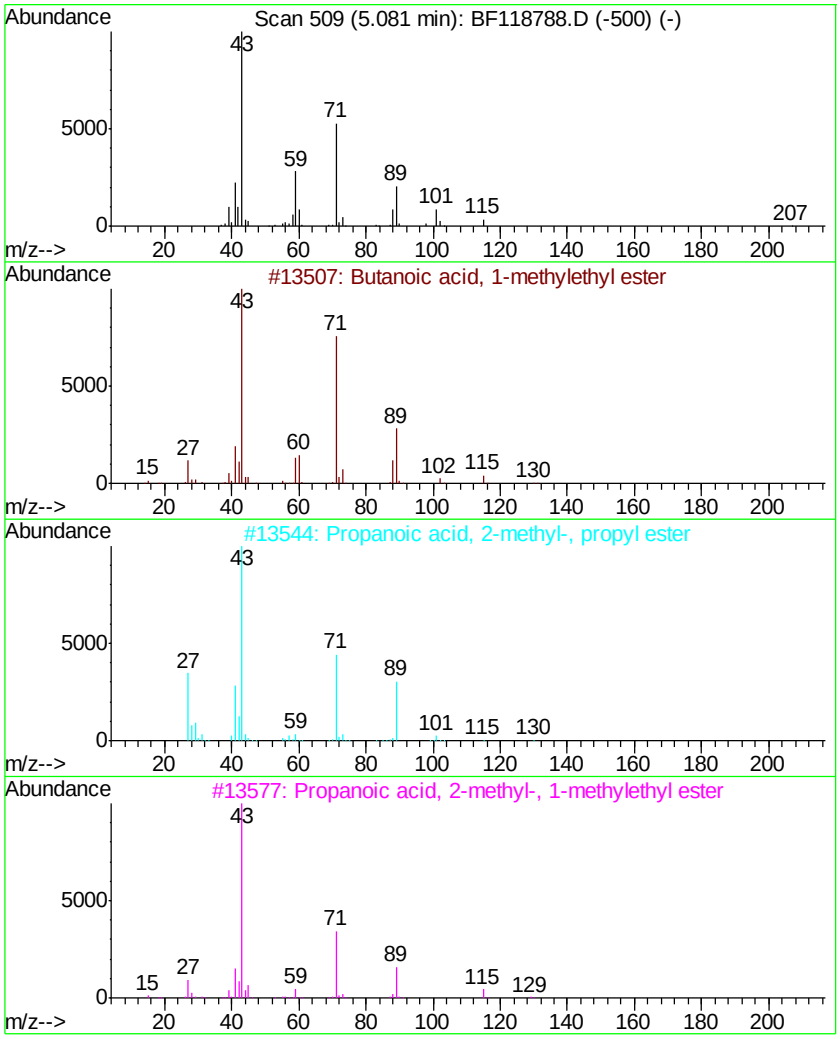
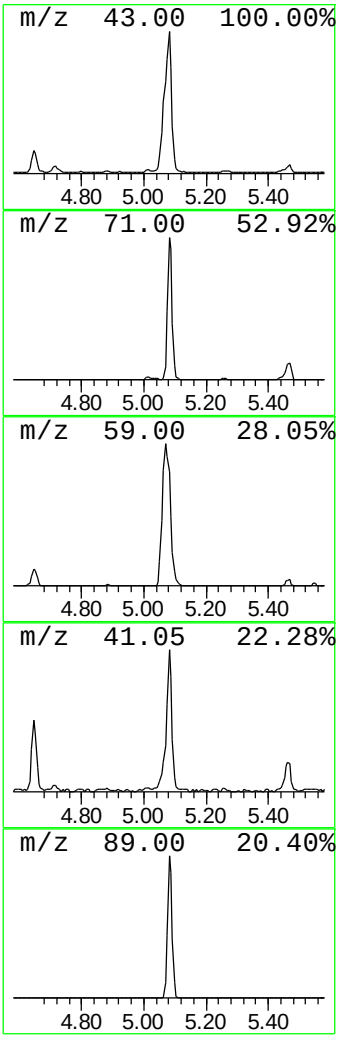
Peak Number 3 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	6.96 ng	559345	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	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	59
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	59
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	53
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118788.D
Acq On : 31 Jan 2020 18:06
Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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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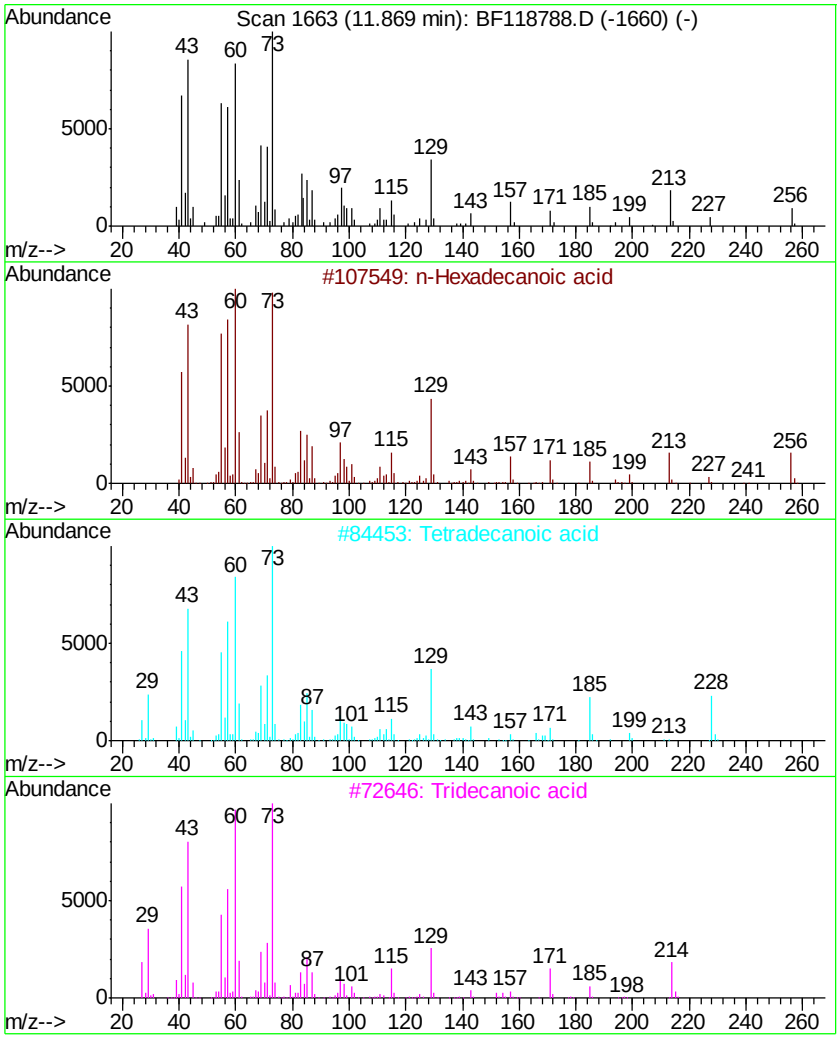
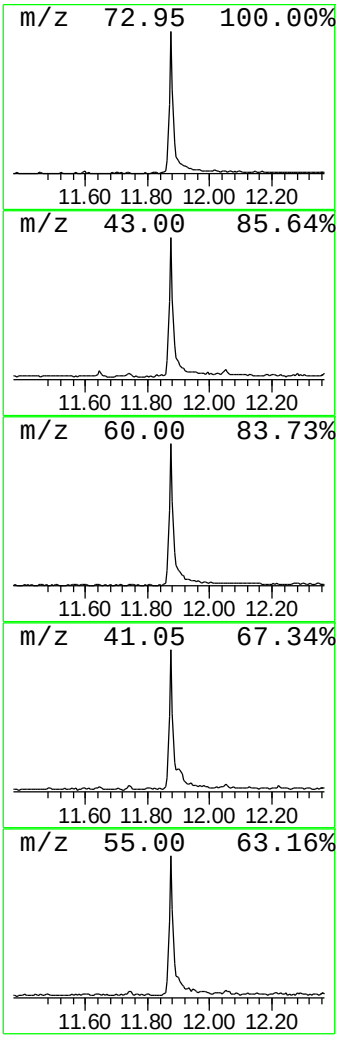
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.81 ng	485111	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	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118788.D
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Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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

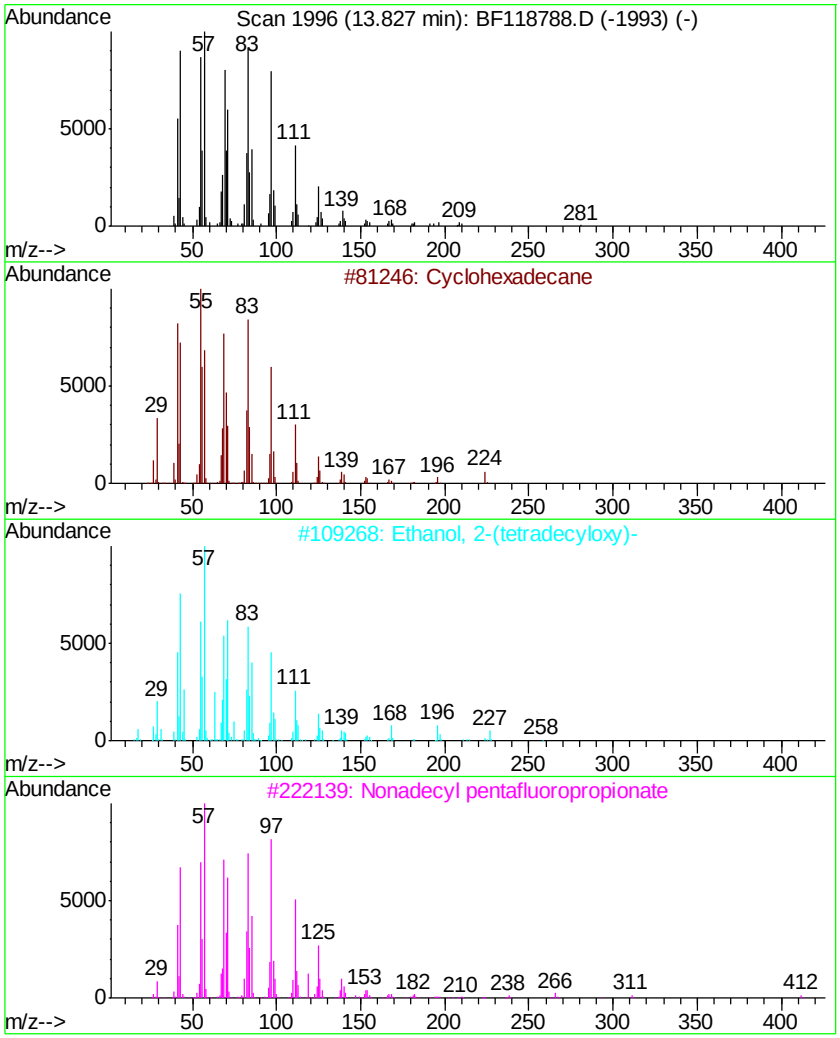
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

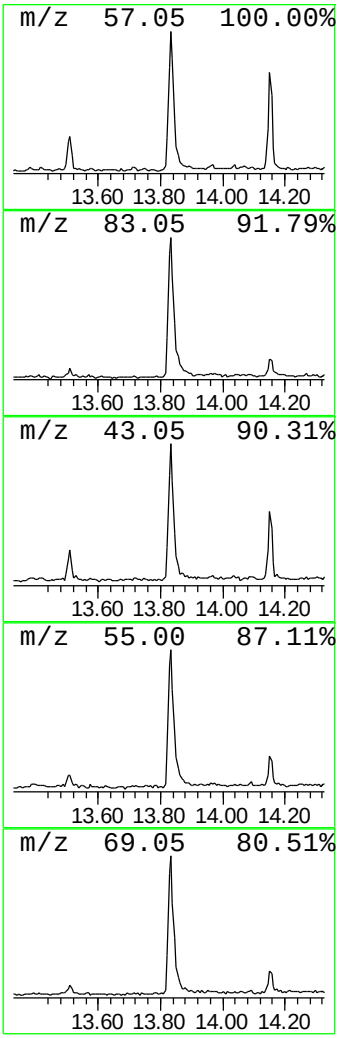
****

Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.06 ng	527250	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118788.D
Acq On : 31 Jan 2020 18:06
Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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

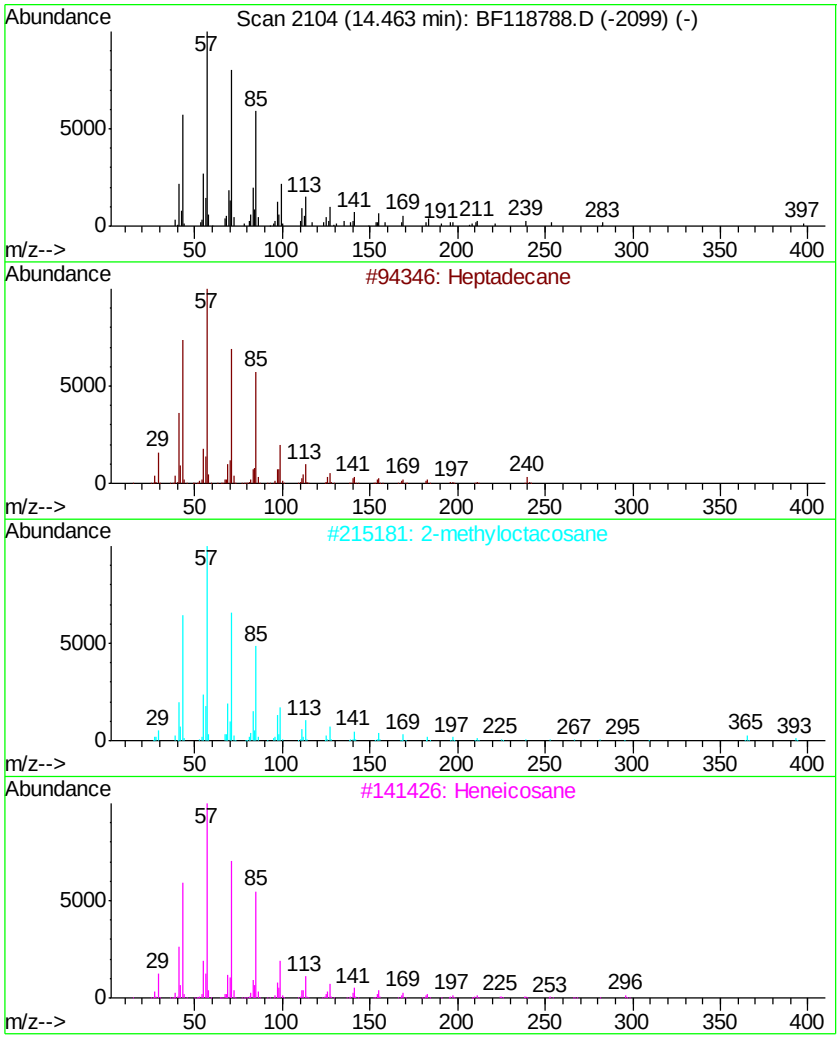
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

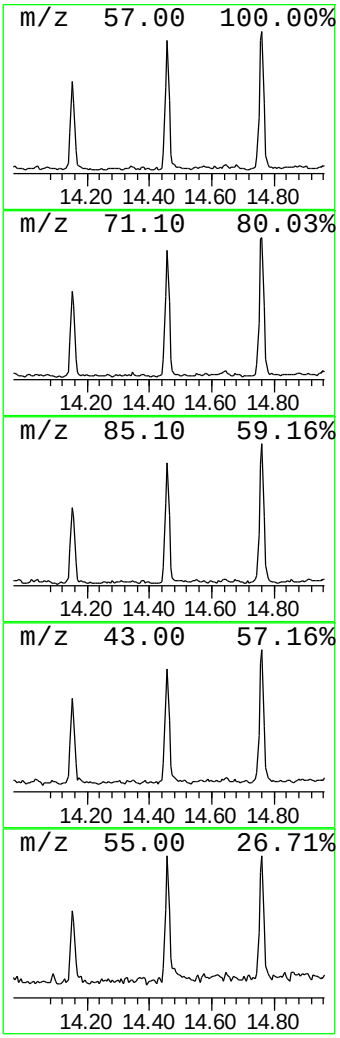
****

Peak Number 7 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.32 ng	202273	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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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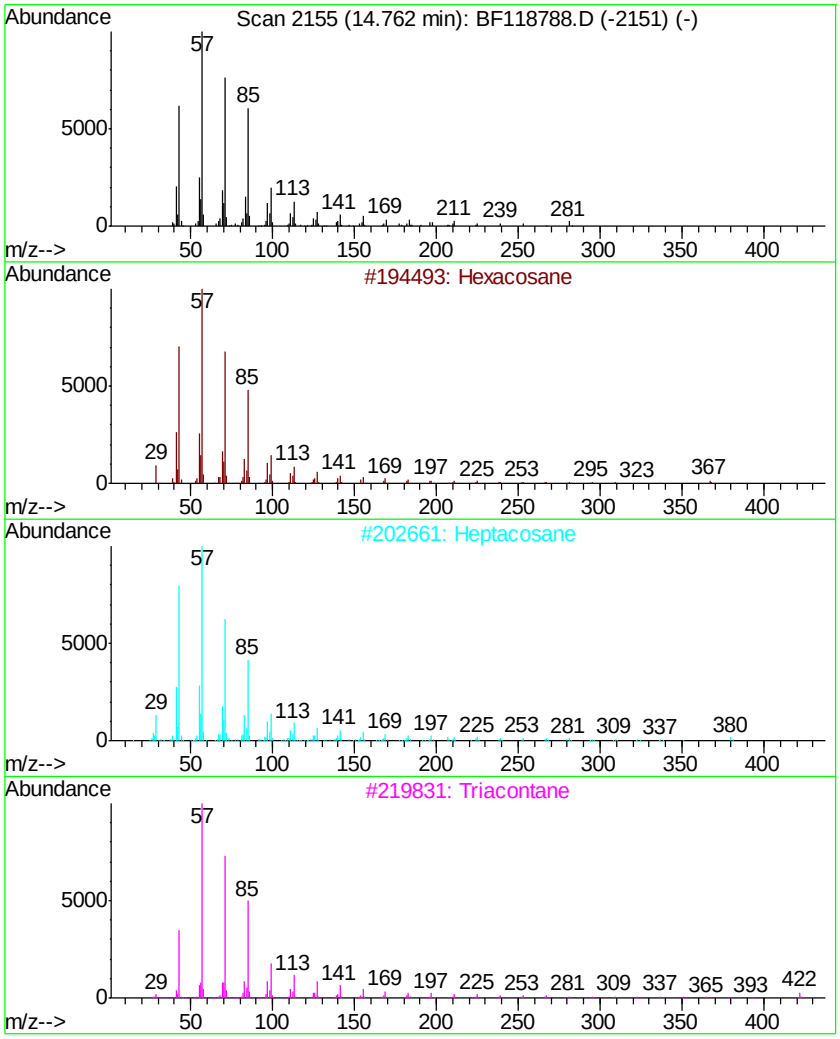
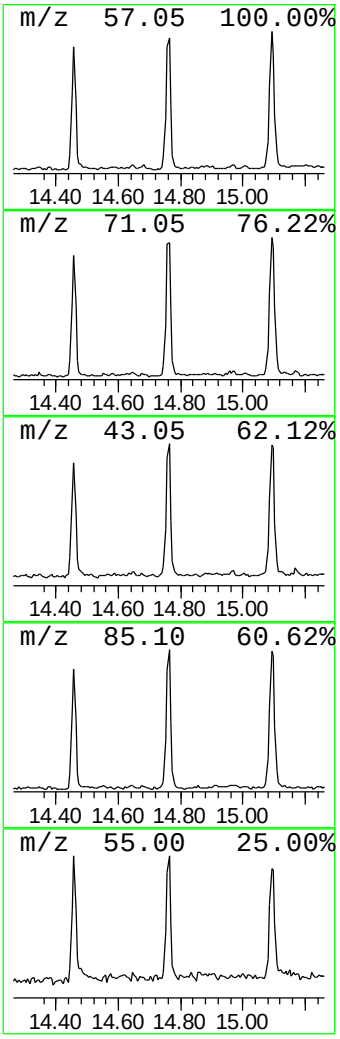
Peak Number 8 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.75 ng	241573	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
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Instrument : BNA_F
ClientSampleId : 200059

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

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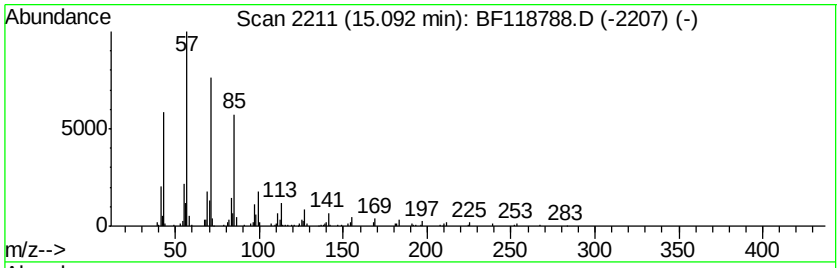
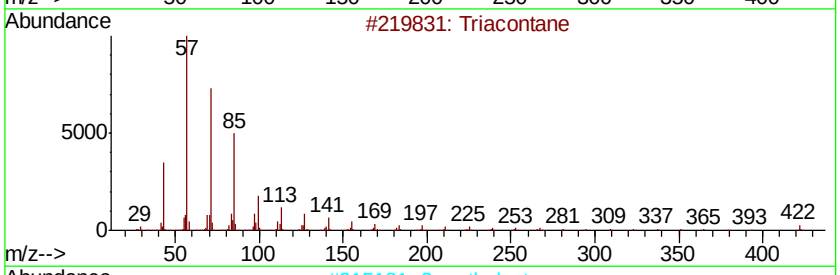
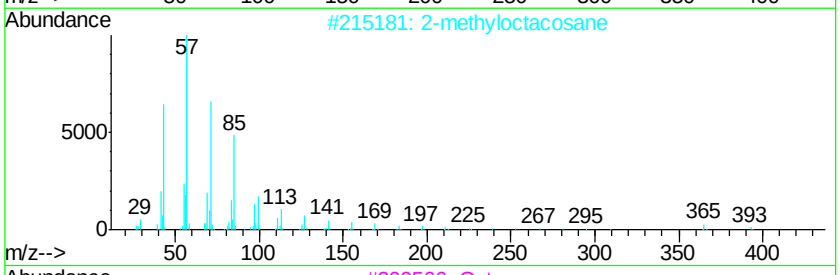
Peak Number 9 Triacontane Concentration Rank 6

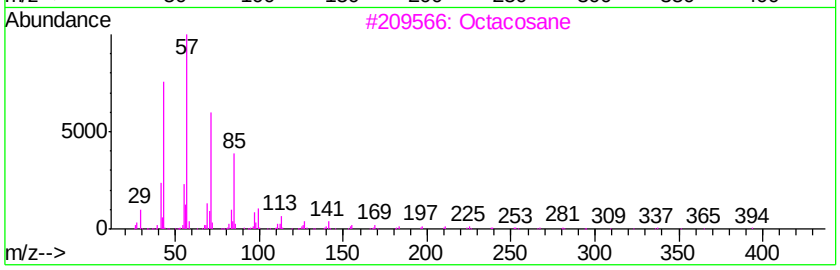
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.23 ng	284370	Perylene-d12	15.43

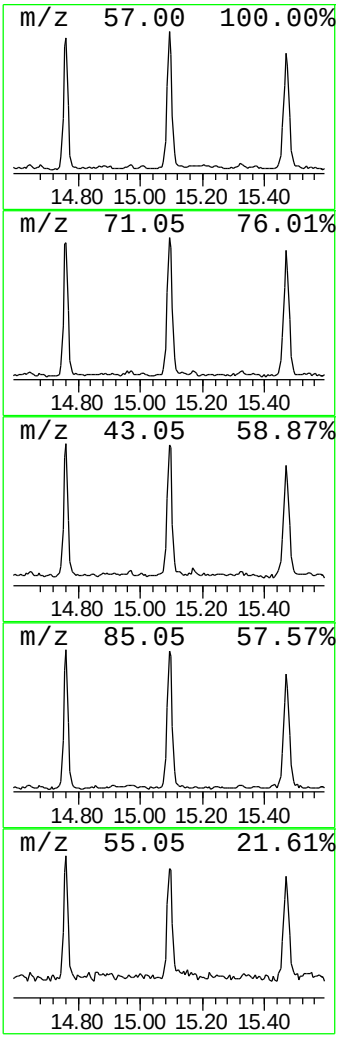
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Docosane	310	C22H46	000629-97-0	91
5	Octadecane	254	C18H38	000593-45-3	91











Library Search Compound Report

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Data File : BF118788.D
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Instrument : BNA_F
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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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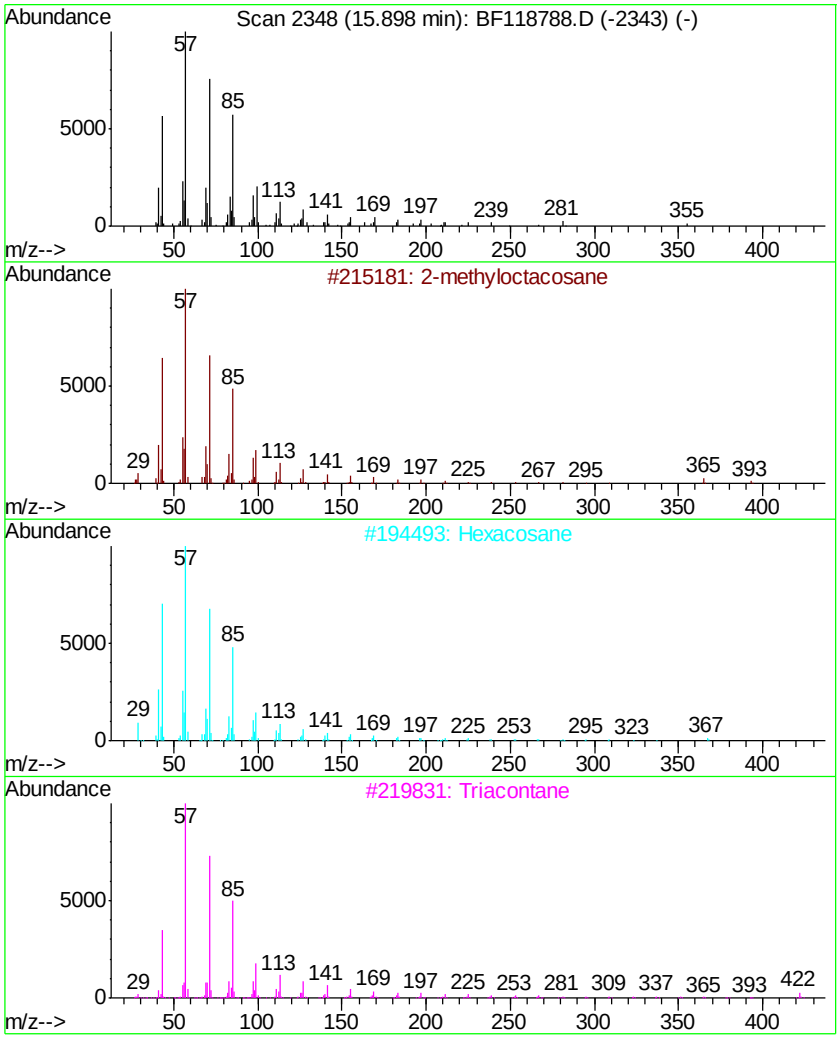
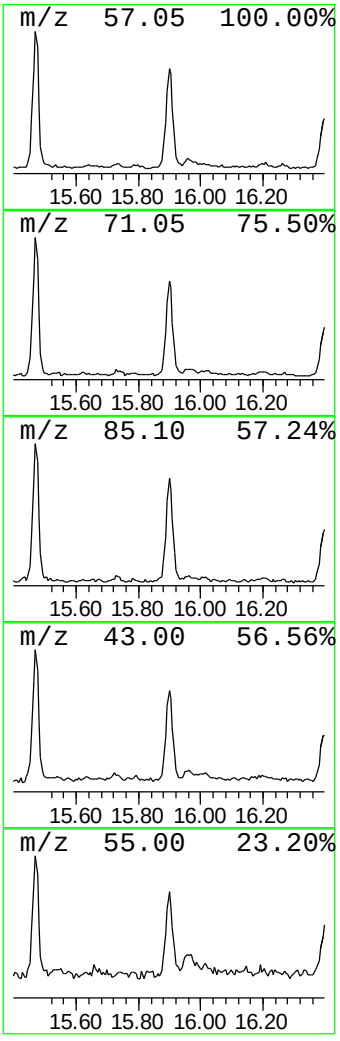
Peak Number 10 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.57 ng	225961	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013120\
Data File : BF118788.D
Acq On : 31 Jan 2020 18:06
Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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	2.89	8.5	ng	686329	1	6.83	1607510	20.0
Propanoic acid, p...	4.65	2.9	ng	229889	1	6.83	1607510	20.0
Butanoic acid, 1-...	5.08	7.0	ng	559345	1	6.83	1607510	20.0
n-Hexadecanoic acid	11.87	3.8	ng	485111	4	11.35	2545140	20.0
Cyclohexadecane	13.83	6.1	ng	527250	5	13.98	1741280	20.0
Heptadecane	14.46	2.3	ng	202273	5	13.98	1741280	20.0
Hexacosane	14.76	2.8	ng	241573	6	15.43	1759070	20.0
Triacontane	15.09	3.2	ng	284370	6	15.43	1759070	20.0
2-methyloctacosane	15.90	2.6	ng	225961	6	15.43	1759070	20.0