LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116222.D
Acq On : 13 Aug 2019 10:56
Operator : HP/JU
Sample : PB122176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BL

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-BF073019.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	5	18	28	rVB	70105	114240	2.59%	0.327%
2	5.475	571	576	604	rBV	2904452	3424465	77.56%	9.801%
3	6.481	742	747	765	rBV	2947969	3562440	80.68%	10.196%
4	6.610	765	769	788	rVB	3504255	3566613	80.78%	10.208%
5	6.833	804	807	819	rVB	931139	812862	18.41%	2.327%
6	6.992	830	834	849	rBV	3056152	2932774	66.42%	8.394%
7	7.398	899	903	935	rBV	2095583	2432497	55.09%	6.962%
8	8.116	1021	1025	1045	rBV	960782	1029608	23.32%	2.947%
9	9.192	1202	1208	1211	rBV	4166382	4165221	94.34%	11.921%
10	9.869	1319	1323	1342	rBV	1214417	1227449	27.80%	3.513%
11	10.663	1454	1458	1486	rBV	2221805	2673281	60.55%	7.651%
12	11.357	1573	1576	1594	rBV	1010806	1228701	27.83%	3.517%
13	12.945	1841	1846	1849	rBV	4196586	4415277	100.00%	12.637%
14	14.004	2022	2026	2041	rBV	834782	1015100	22.99%	2.905%
15	14.451	2097	2102	2106	rBV	95612	93486	2.12%	0.268%
16	14.751	2148	2153	2159	rBV	173405	178700	4.05%	0.511%
17	15.080	2203	2209	2217	rBV	220249	277917	6.29%	0.795%
18	15.474	2267	2276	2293	rBV2	528051	1194825	27.06%	3.420%
19	15.886	2338	2346	2355	rBV	202432	336294	7.62%	0.963%
20	16.374	2423	2429	2436	rBV	107528	198294	4.49%	0.568%
21	16.956	2523	2528	2534	rVB2	30189	58758	1.33%	0.168%

Sum of corrected areas: 34938802

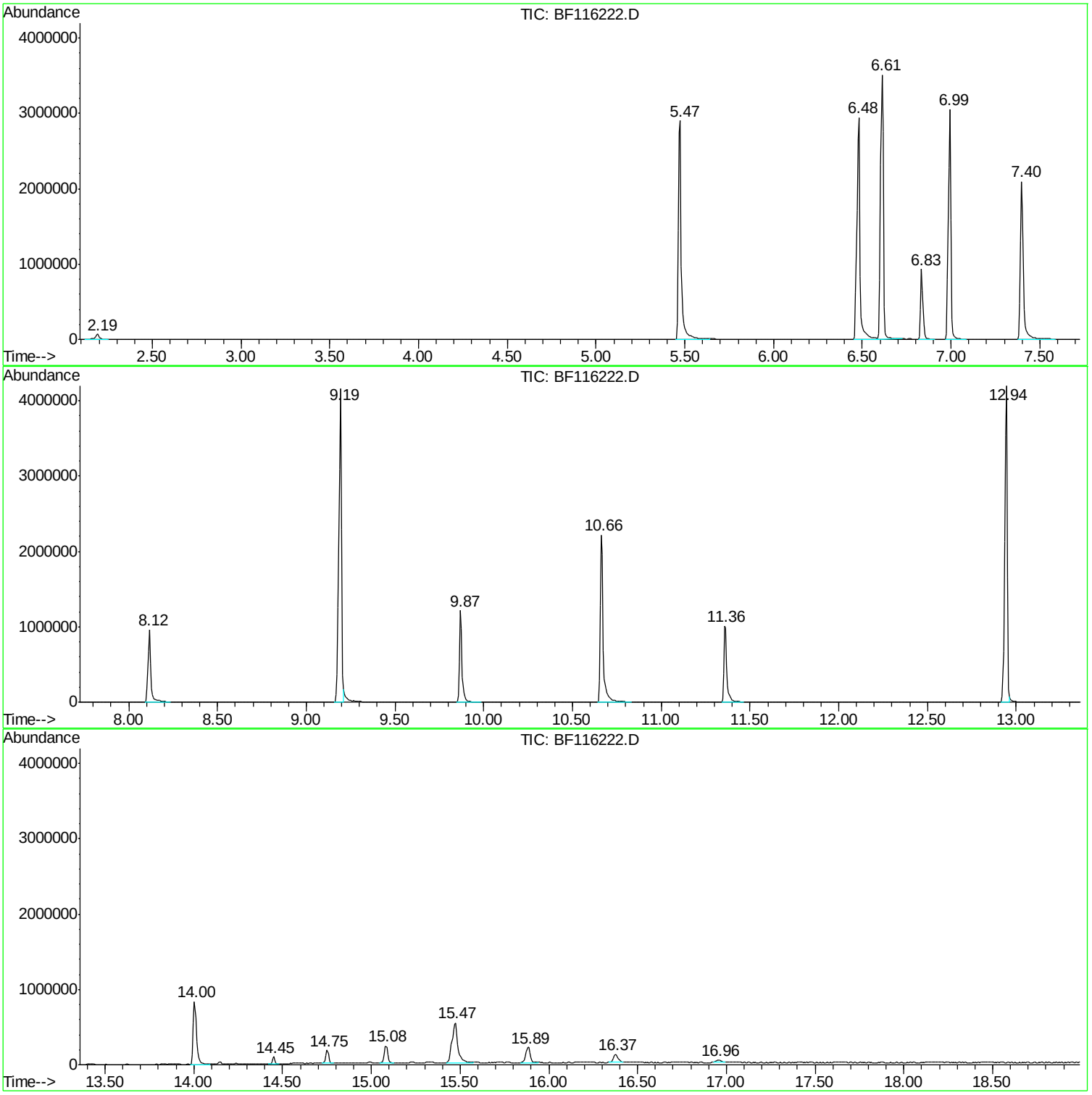
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116222.D
Acq On : 13 Aug 2019 10:56
Operator : HP/JU
Sample : PB122176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF081319\
Data File : BF116222.D
Acq On : 13 Aug 2019 10:56
Operator : HP/JU
Sample : PB122176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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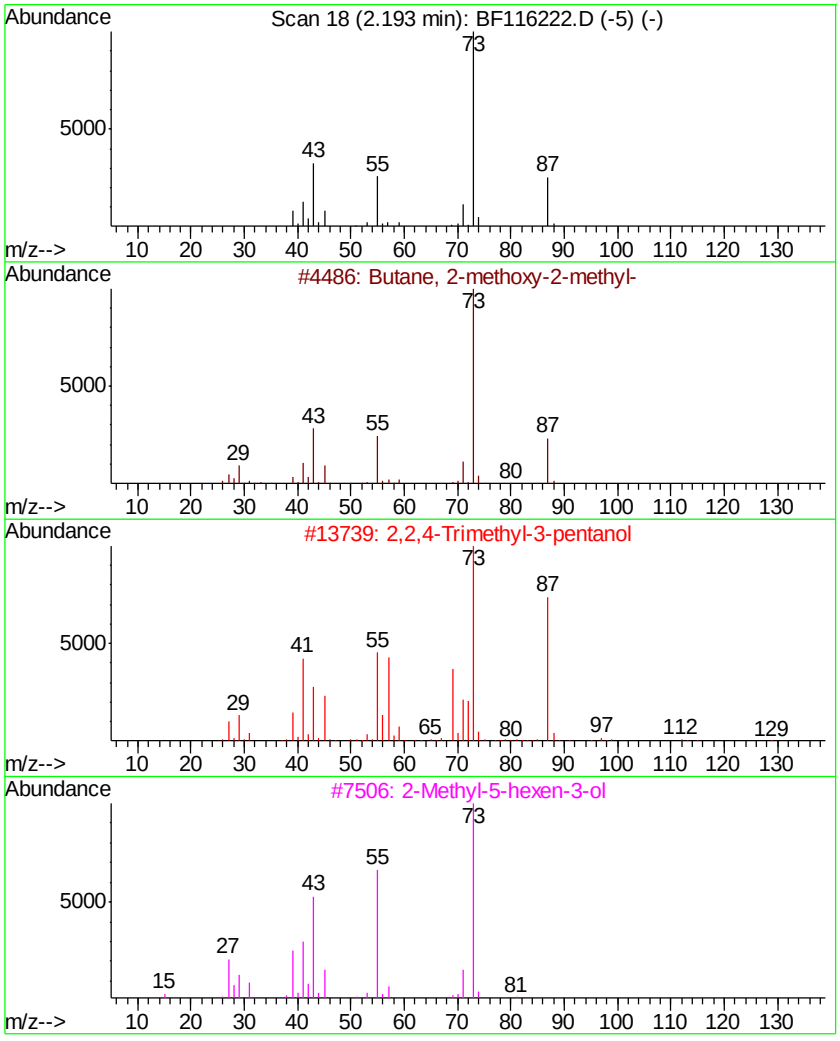
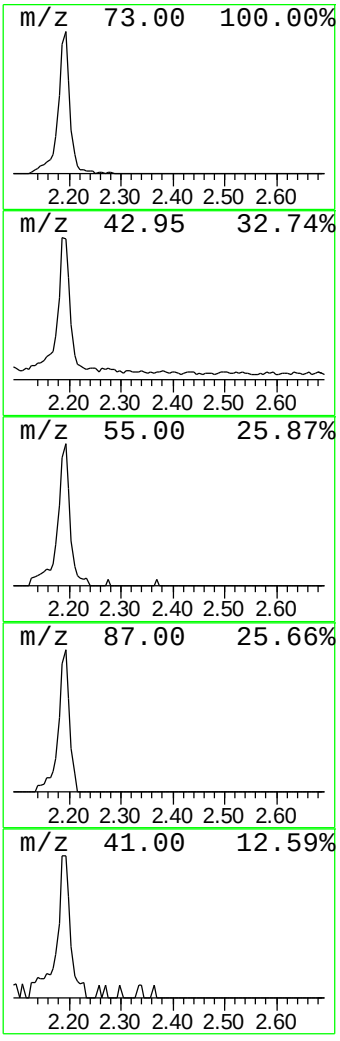
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	2.81 ng	114240	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116222.D
Acq On : 13 Aug 2019 10:56
Operator : HP/JU
Sample : PB122176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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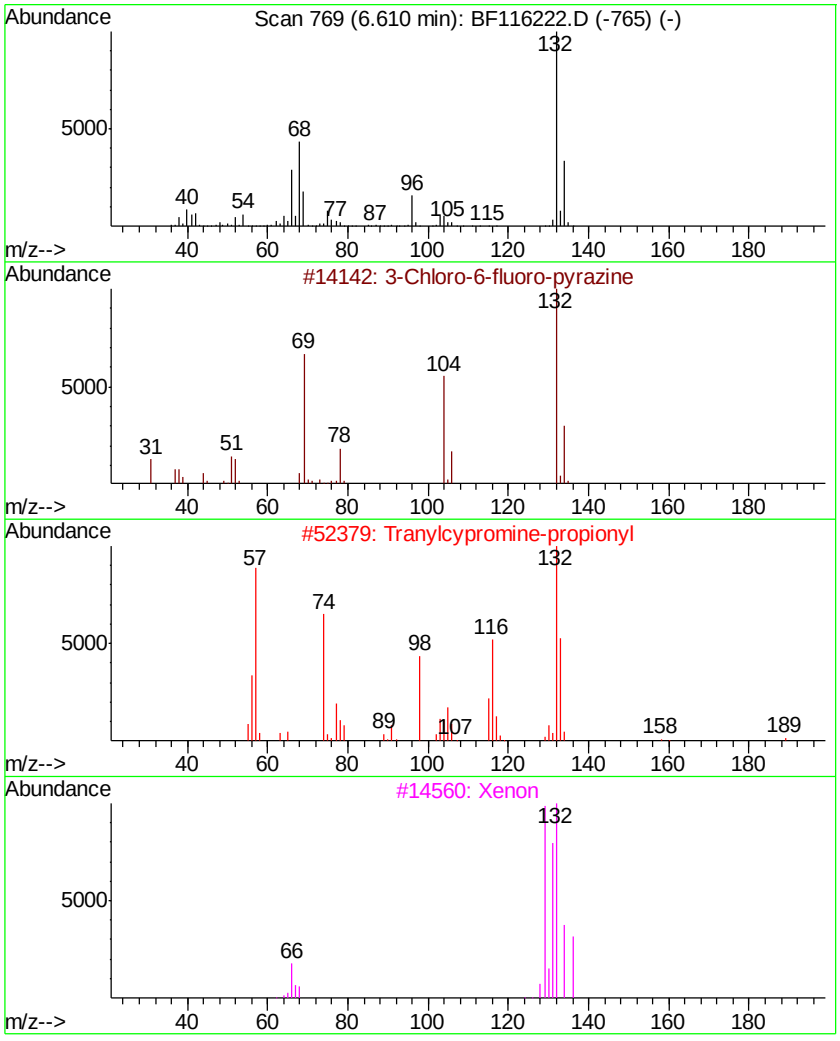
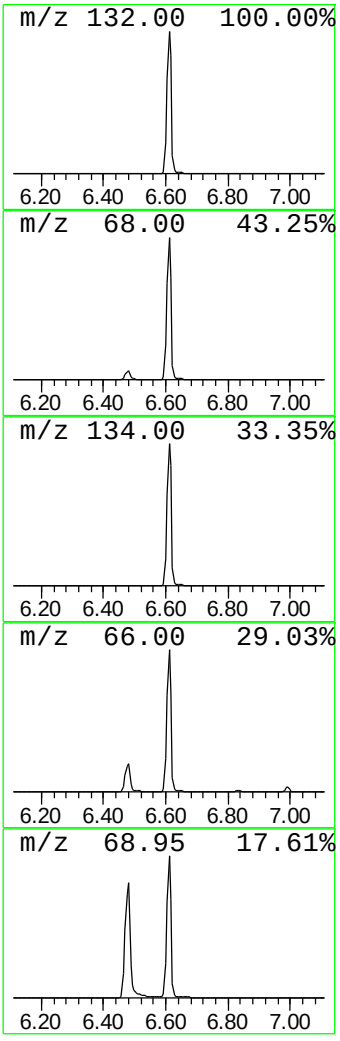
Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	87.75 ng	3566610	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Xenon	132	Xe	007440-63-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116222.D
Acq On : 13 Aug 2019 10:56
Operator : HP/JU
Sample : PB122176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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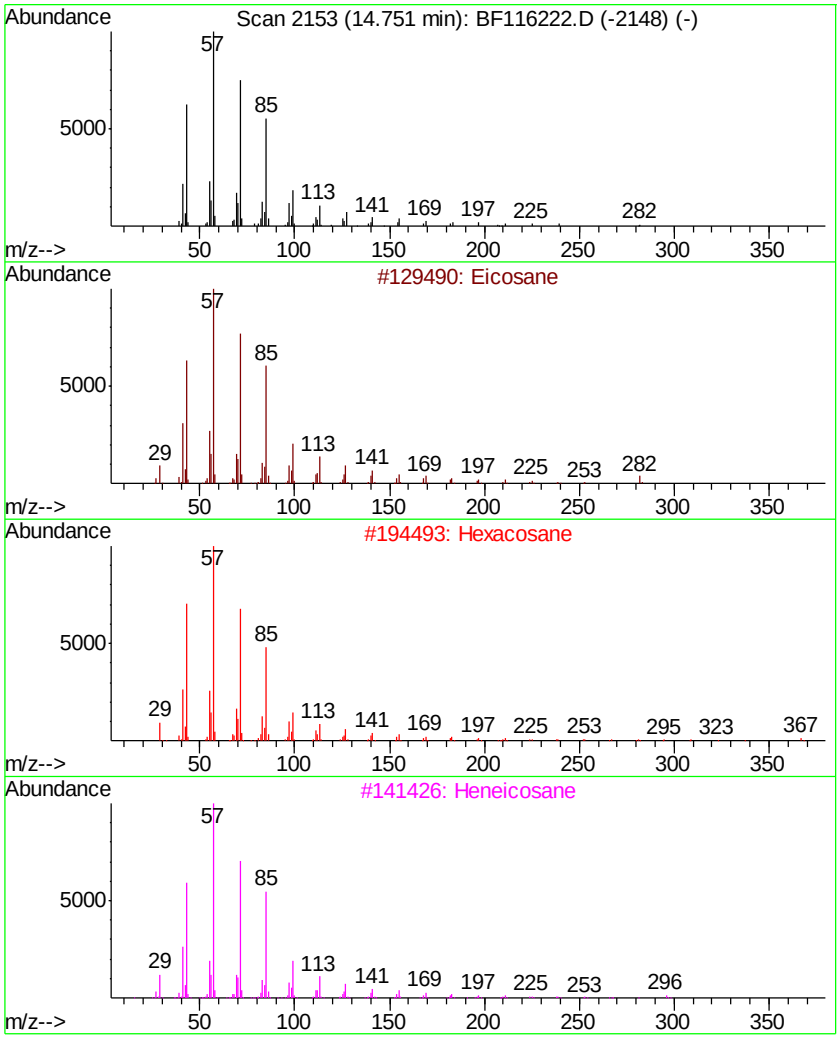
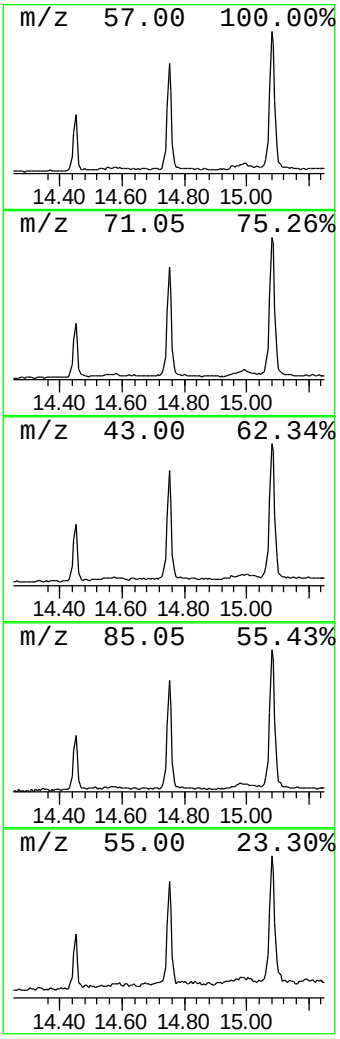
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.99 ng	178700	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116222.D
Acq On : 13 Aug 2019 10:56
Operator : HP/JU
Sample : PB122176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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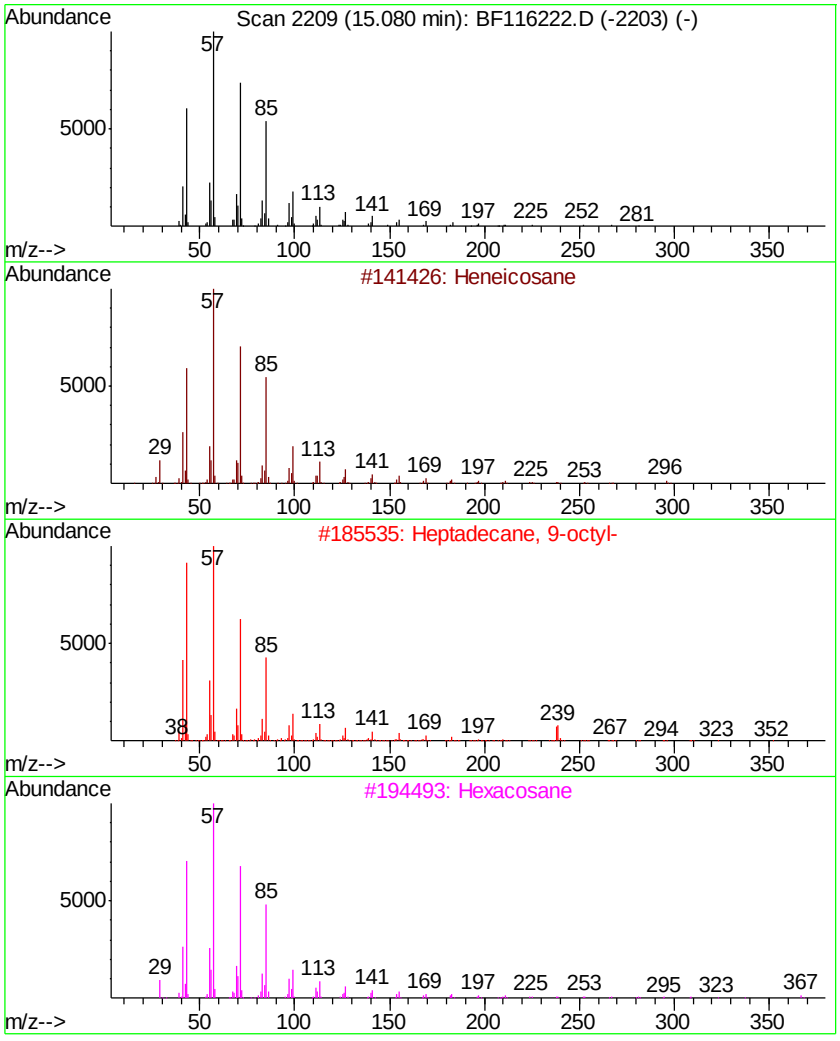
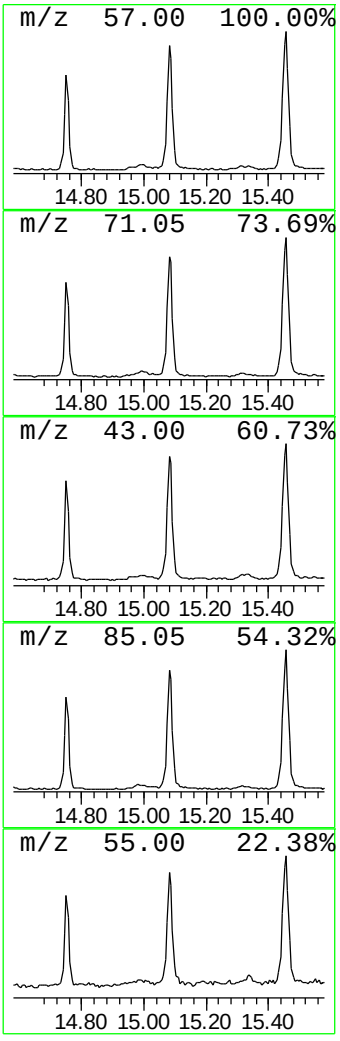
Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	4.65 ng	277917	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





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Data File : BF116222.D
Acq On : 13 Aug 2019 10:56
Operator : HP/JU
Sample : PB122176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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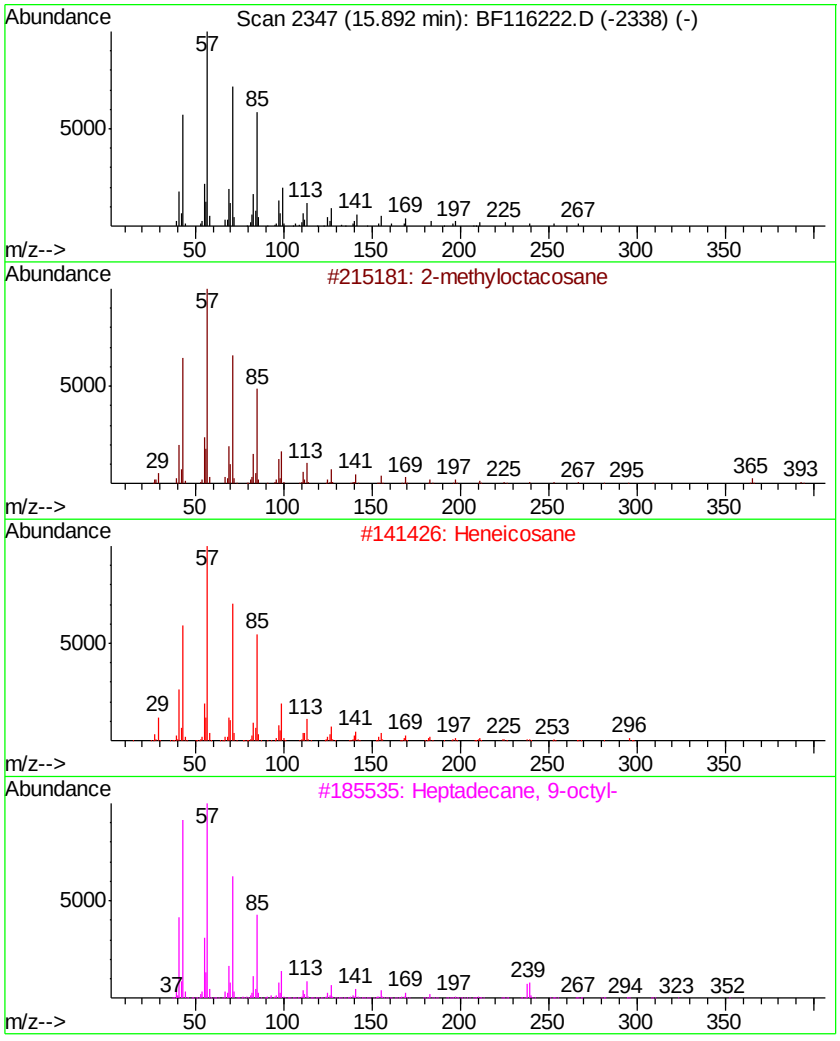
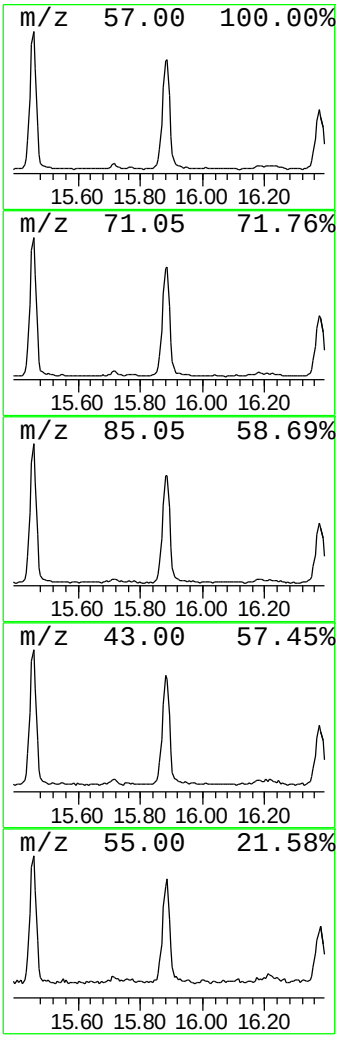
Peak Number 6 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	5.63 ng	336294	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90





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Data File : BF116222.D
Acq On : 13 Aug 2019 10:56
Operator : HP/JU
Sample : PB122176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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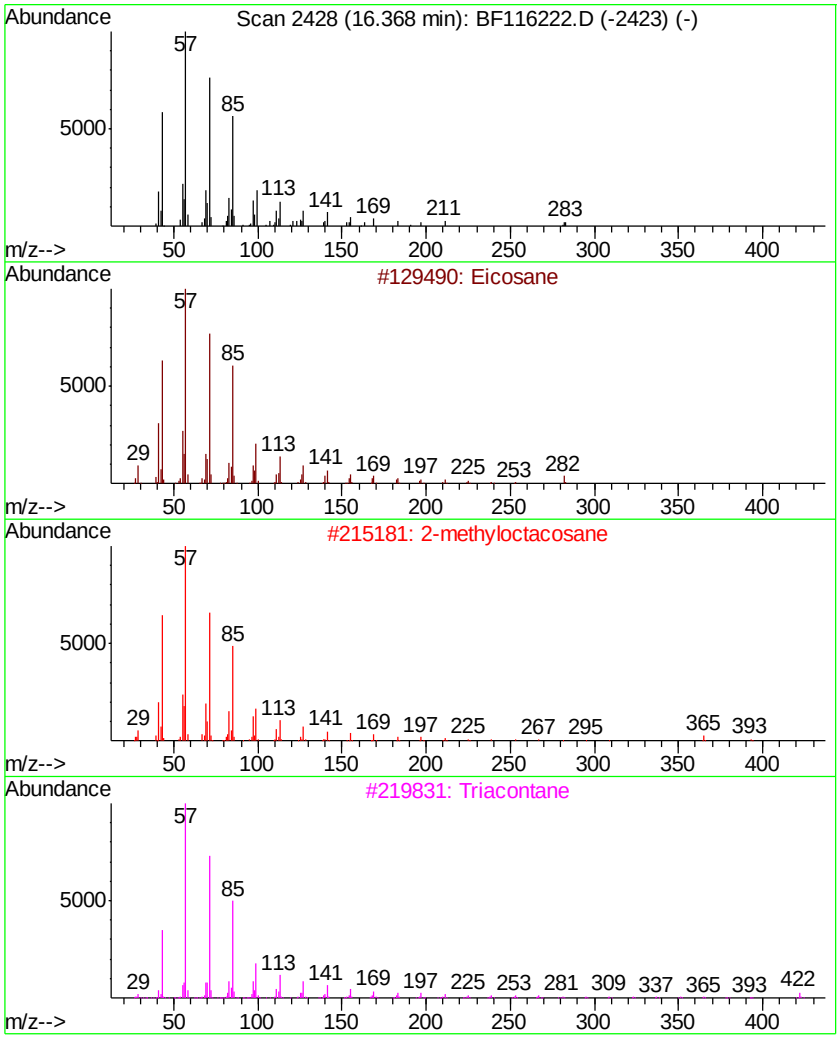
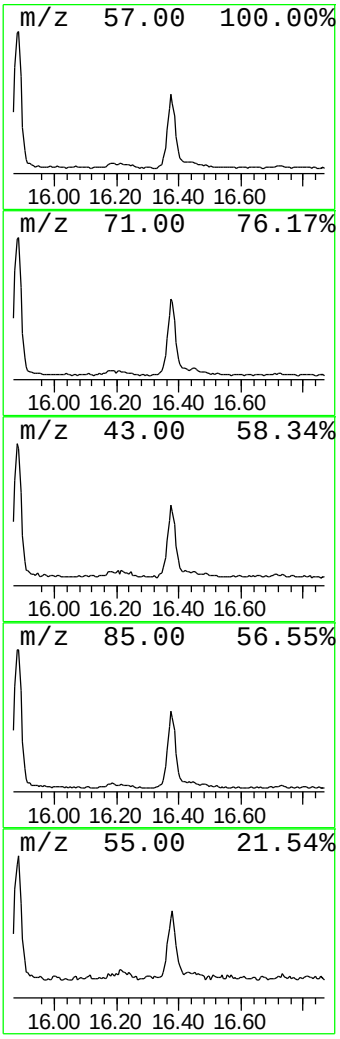
Peak Number 7 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.32 ng	198294	Perylene-d12	15.47

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
Data File : BF116222.D
Acq On : 13 Aug 2019 10:56
Operator : HP/JU
Sample : PB122176BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.19	2.8	ng	114240	1	6.83	812862	20.0
unknown6.61	6.61	87.8	ng	3566610	1	6.83	812862	20.0
Eicosane	14.75	3.0	ng	178700	6	15.47	1194830	20.0
Heneicosane	15.08	4.7	ng	277917	6	15.47	1194830	20.0
2-methyloctacosane	15.89	5.6	ng	336294	6	15.47	1194830	20.0
Triacontane	16.37	3.3	ng	198294	6	15.47	1194830	20.0