LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116048.D
Acq On : 7 Aug 2019 14:34
Operator : HP/JU
Sample : K4164-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200051

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: BF116049.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	15	rVB	615830	760672	35.57%	3.367%
2	5.469	571	575	603	rBV	1649276	1894716	88.59%	8.387%
3	6.475	742	746	766	rBV	1985599	2060157	96.33%	9.119%
4	6.616	766	770	786	rVB	2224454	2080791	97.30%	9.211%
5	6.840	805	808	818	rBV	854799	773829	36.18%	3.425%
6	6.998	831	835	848	rBV	1636699	1459136	68.23%	6.459%
7	7.404	900	904	925	rBV	1159830	1311423	61.32%	5.805%
8	8.122	1022	1026	1044	rBV	986957	1017742	47.59%	4.505%
9	9.192	1205	1208	1224	rBV	1924683	2053181	96.00%	9.089%
10	9.592	1272	1276	1289	rBV	293467	333551	15.60%	1.476%
11	9.875	1320	1324	1340	rBV	1283743	1192510	55.76%	5.279%
12	10.663	1455	1458	1475	rBV	787239	976392	45.65%	4.322%
13	11.363	1573	1577	1586	rBV	1232804	1213148	56.73%	5.370%
14	11.428	1586	1588	1594	rVB4	18512	22144	1.04%	0.098%
15	12.669	1795	1799	1808	rBV4	16626	36710	1.72%	0.163%
16	12.945	1841	1846	1849	rBV	2161722	2138633	100.00%	9.467%
17	13.857	1995	2001	2017	rBV4	56031	200205	9.36%	0.886%
18	14.004	2022	2026	2036	rVB	749530	801699	37.49%	3.549%
19	14.157	2048	2052	2055	rBV	27592	29502	1.38%	0.131%
20	14.457	2099	2103	2107	rBV	59947	59915	2.80%	0.265%
21	14.757	2150	2154	2159	rBV	130768	143055	6.69%	0.633%
22	15.092	2207	2211	2220	rVB	224060	259452	12.13%	1.148%
23	15.468	2269	2275	2287	rBV2	740926	1134338	53.04%	5.021%
24	15.892	2341	2347	2357	rBV	204252	335203	15.67%	1.484%
25	16.392	2426	2432	2444	rVB	114140	217030	10.15%	0.961%
26	16.968	2525	2530	2539	rVB	40491	85609	4.00%	0.379%

Sum of corrected areas: 22590743

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
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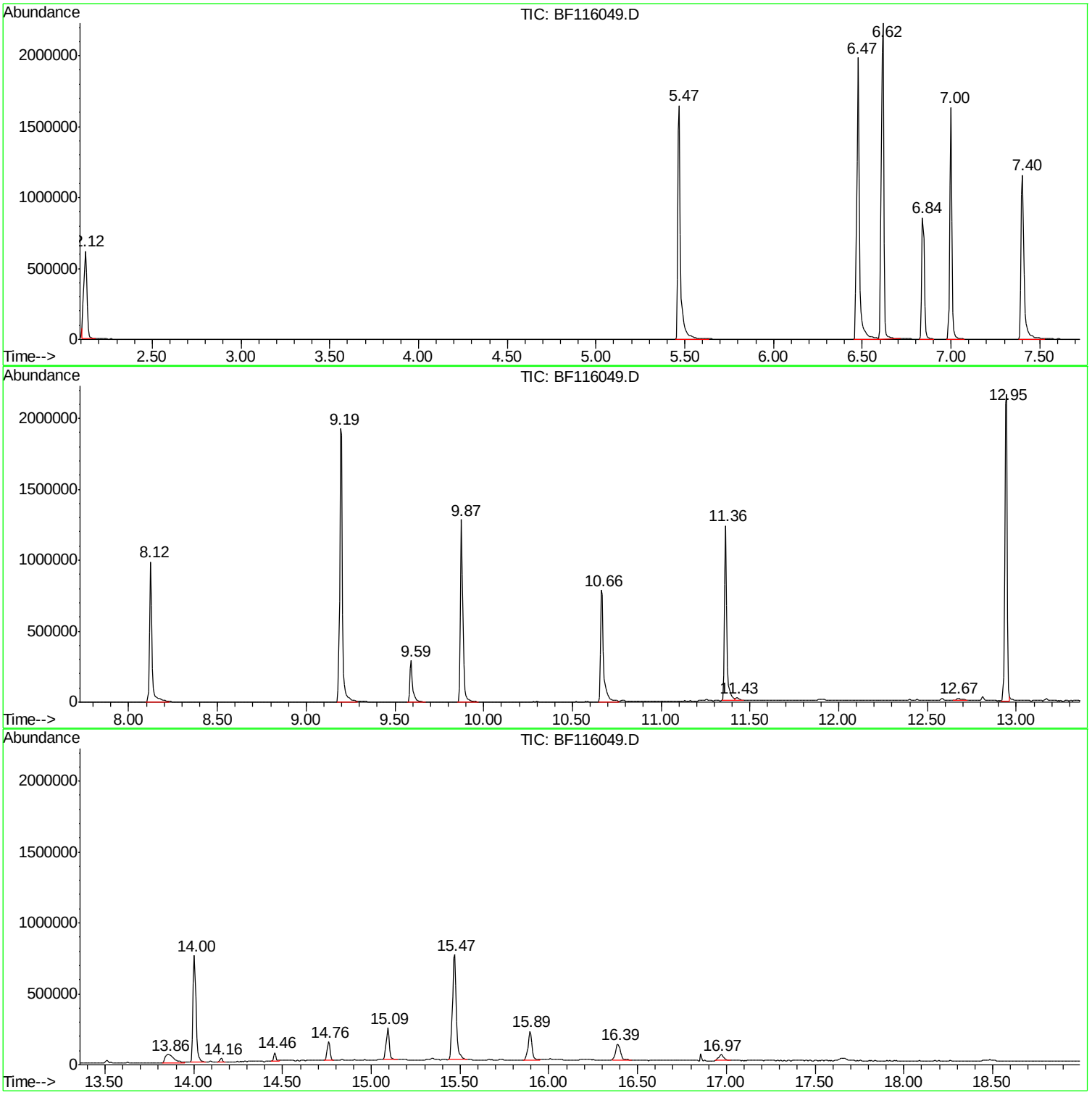
Operator : HP/JU
Sample : K4164-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200051

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116048.D
Acq On : 7 Aug 2019 14:34
Operator : HP/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200051

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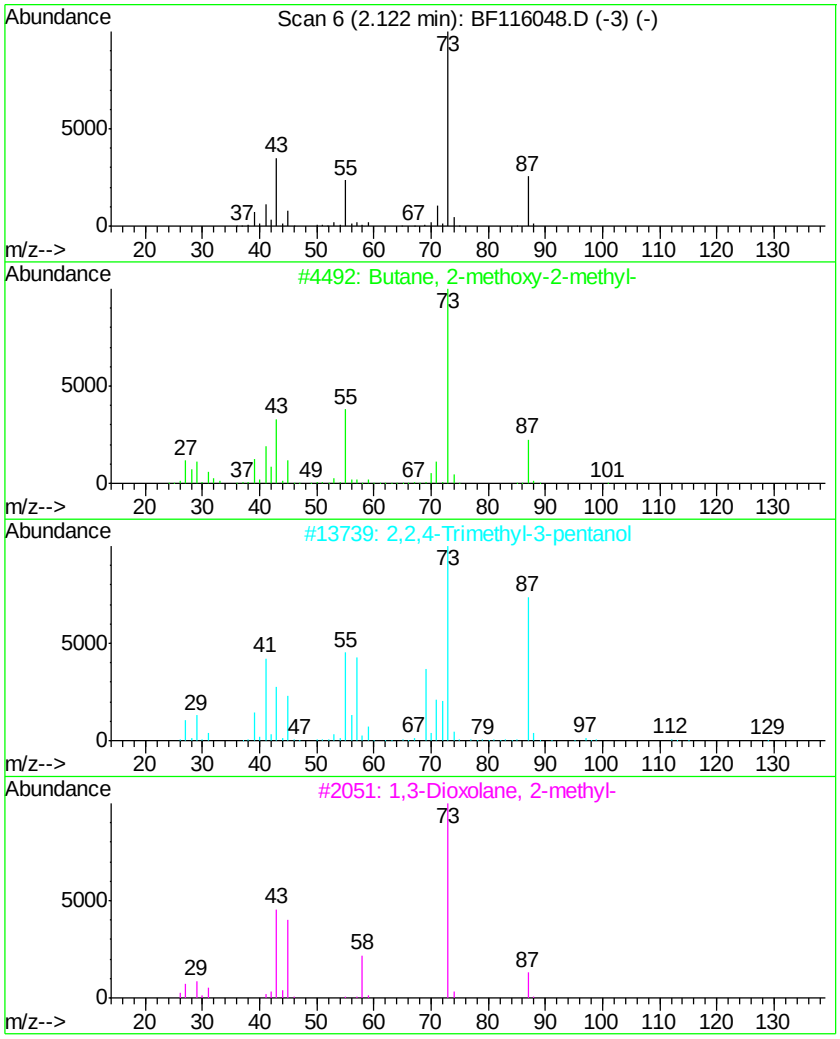
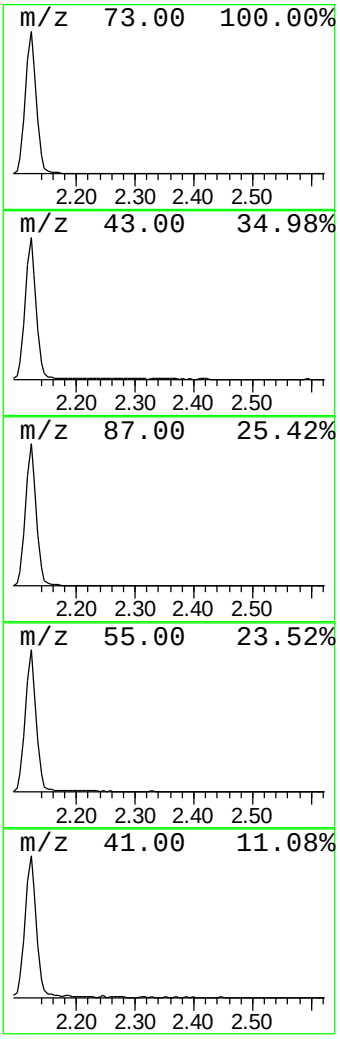
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	19.66 ng	760672	1,4-Dichlorobenzene-d4	6.84

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Data File : BF116048.D
Acq On : 7 Aug 2019 14:34
Operator : HP/JU
Sample : K4164-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200051

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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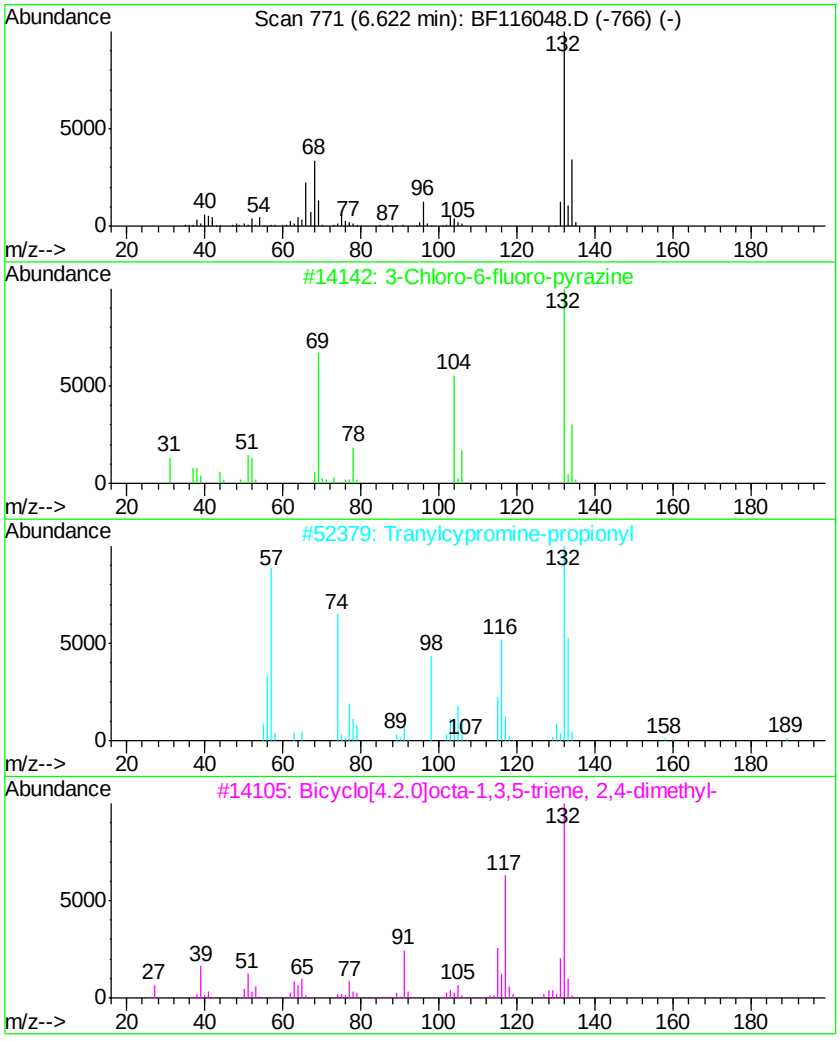
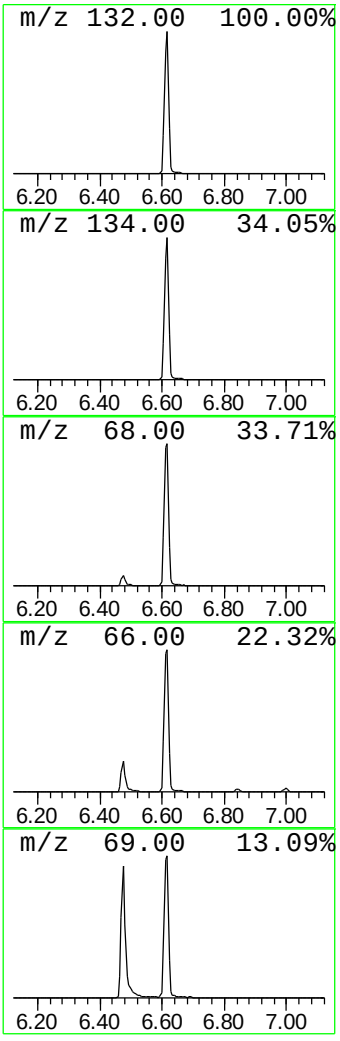
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	53.78 ng	2080790	1,4-Dichlorobenzene-d4	6.84

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116048.D
Acq On : 7 Aug 2019 14:34
Operator : HP/JU
Sample : K4164-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200051

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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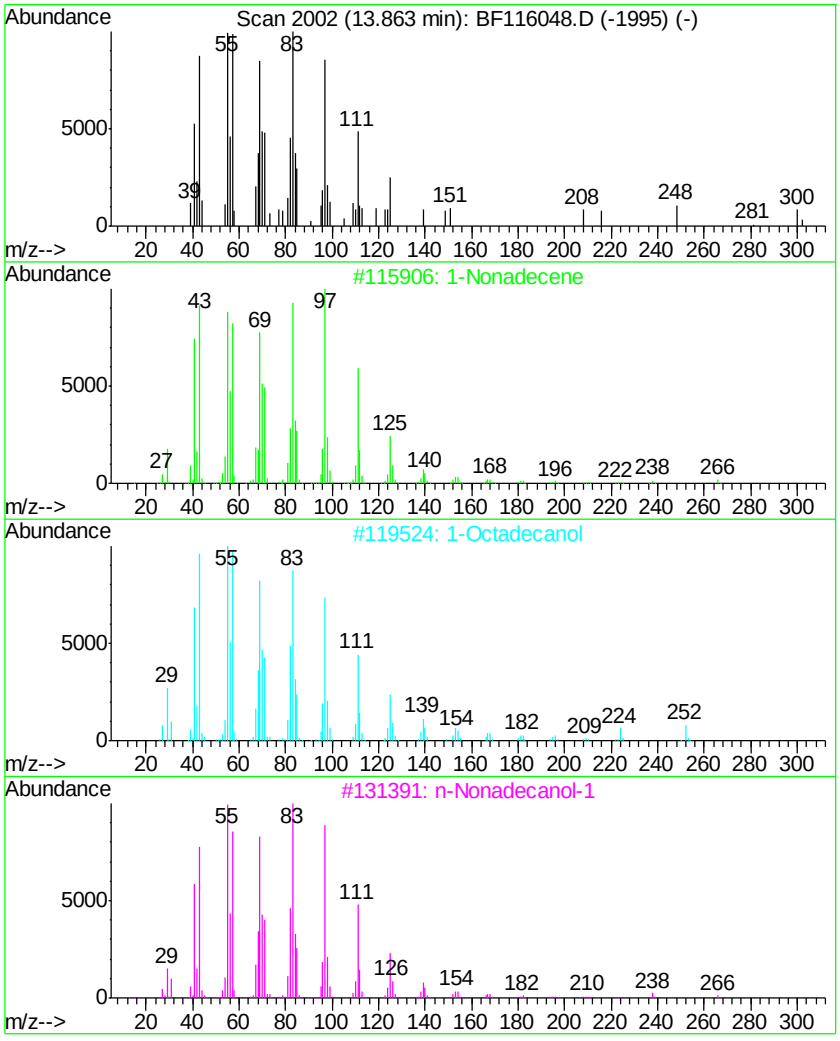
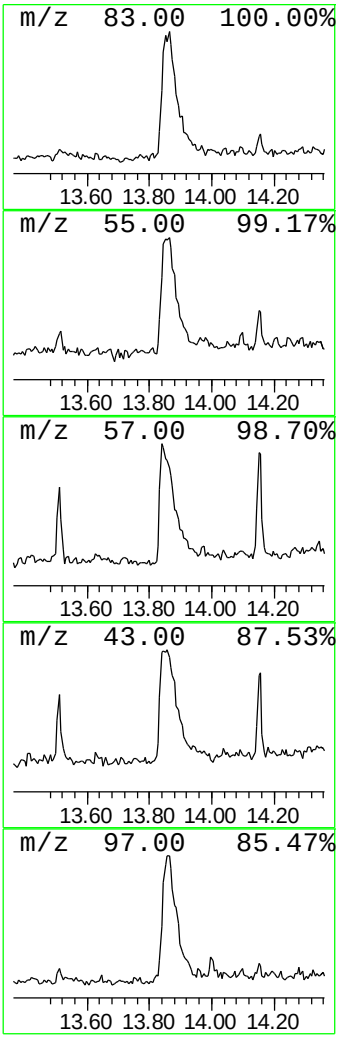
Peak Number 4 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.99 ng	200205	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	1-Octadecanol	270	C18H38O	000112-92-5	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	93
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	93





Library Search Compound Report

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Data File : BF116048.D
Acq On : 7 Aug 2019 14:34
Operator : HP/JU
Sample : K4164-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200051

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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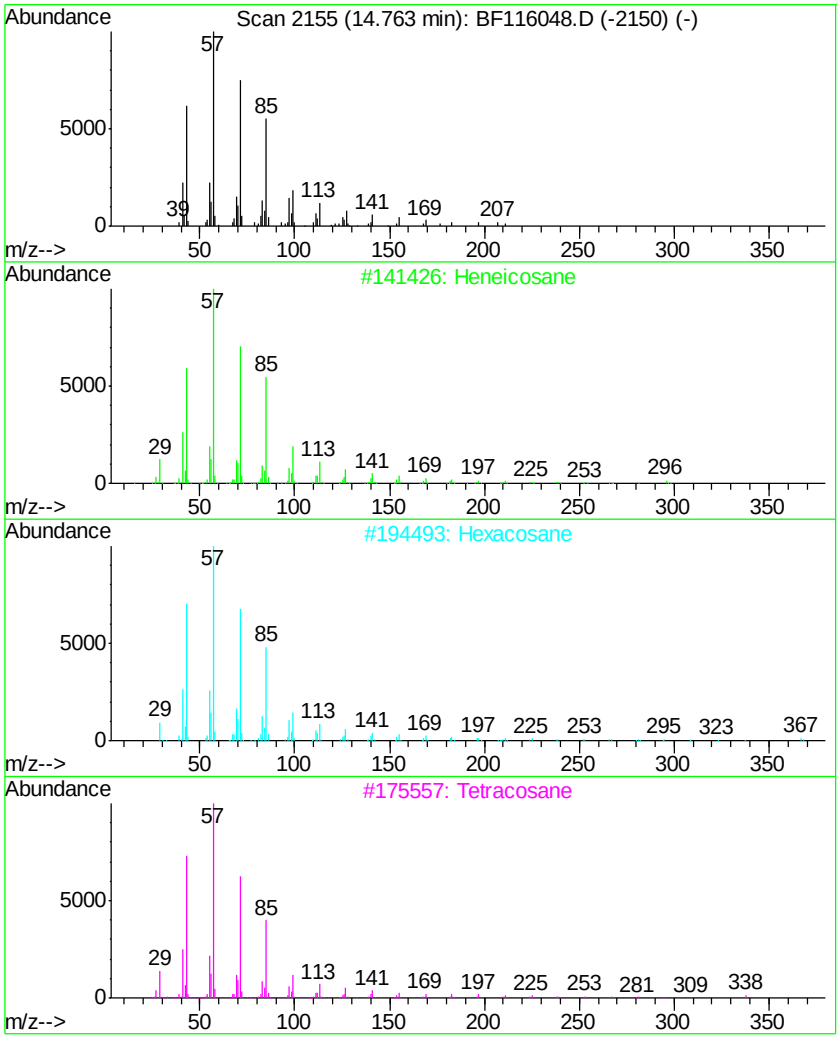
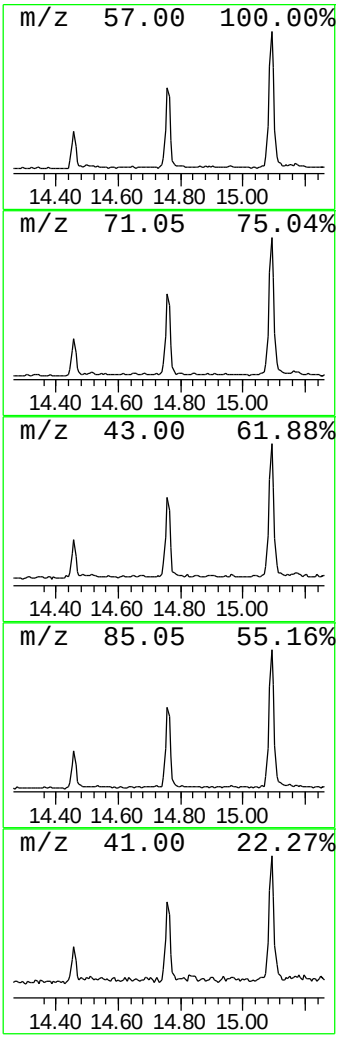
Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.52 ng	143055	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





Library Search Compound Report

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Sample : K4164-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200051

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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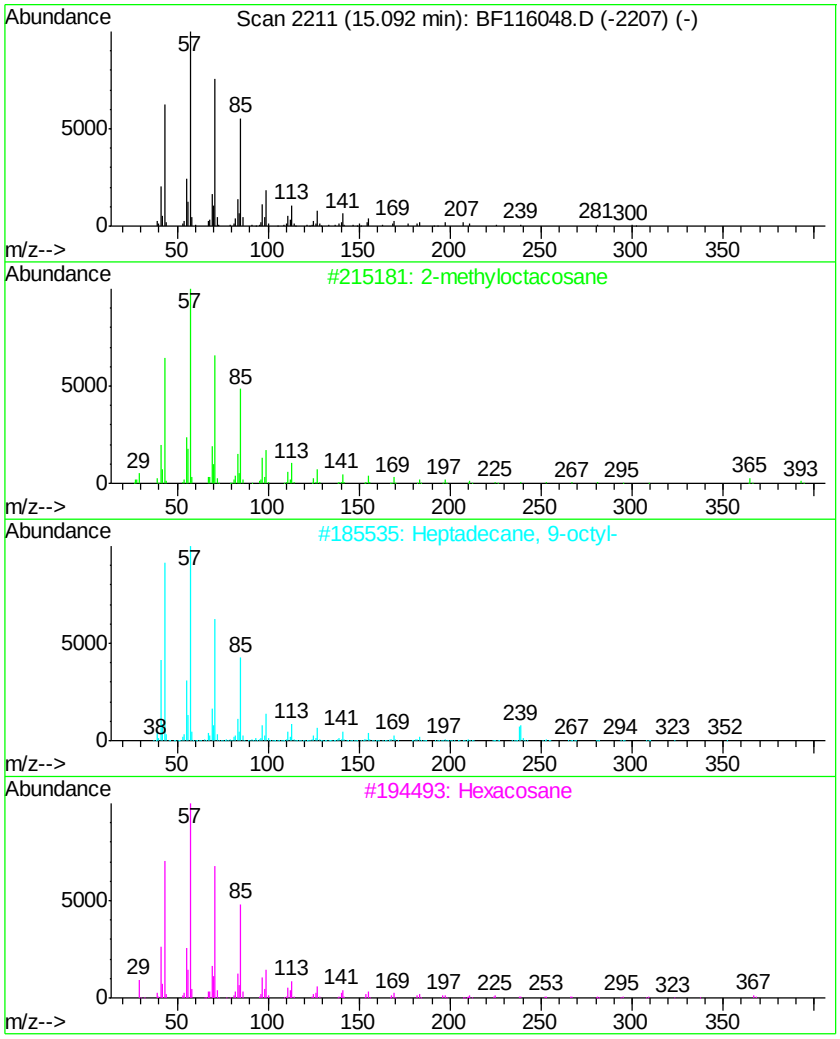
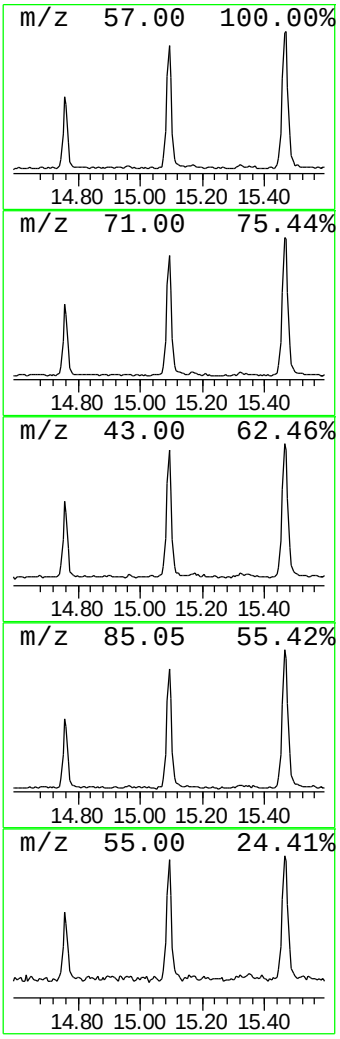
Peak Number 6 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.57 ng	259452	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Operator : HP/JU
Sample : K4164-04
Misc :
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Instrument : BNA_F
ClientSampleId : RBR-200051

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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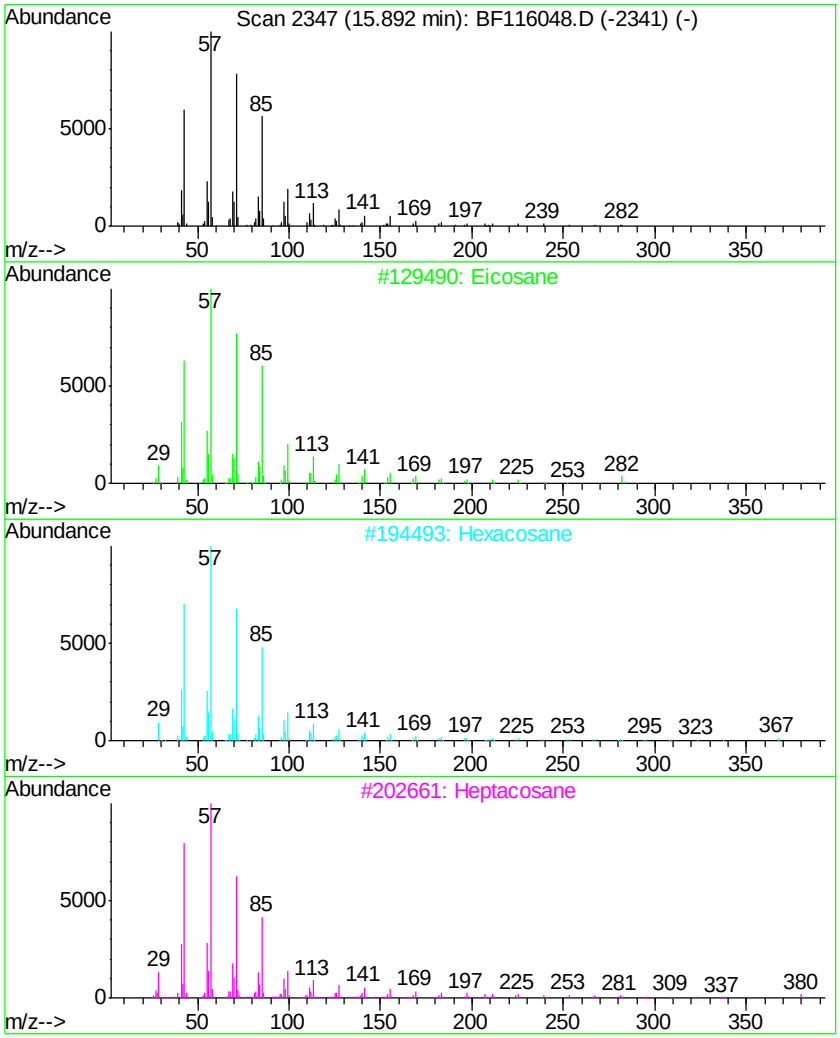
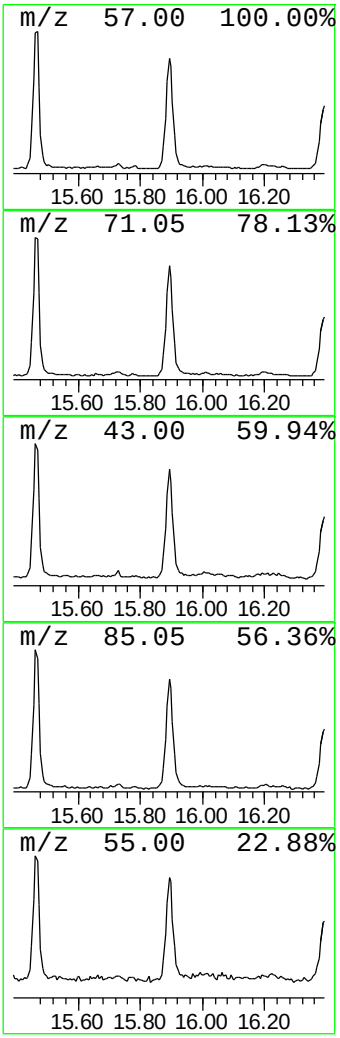
Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	5.91 ng	335203	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K4164-04
Misc :
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Instrument : BNA_F
ClientSampleId : RBR-200051

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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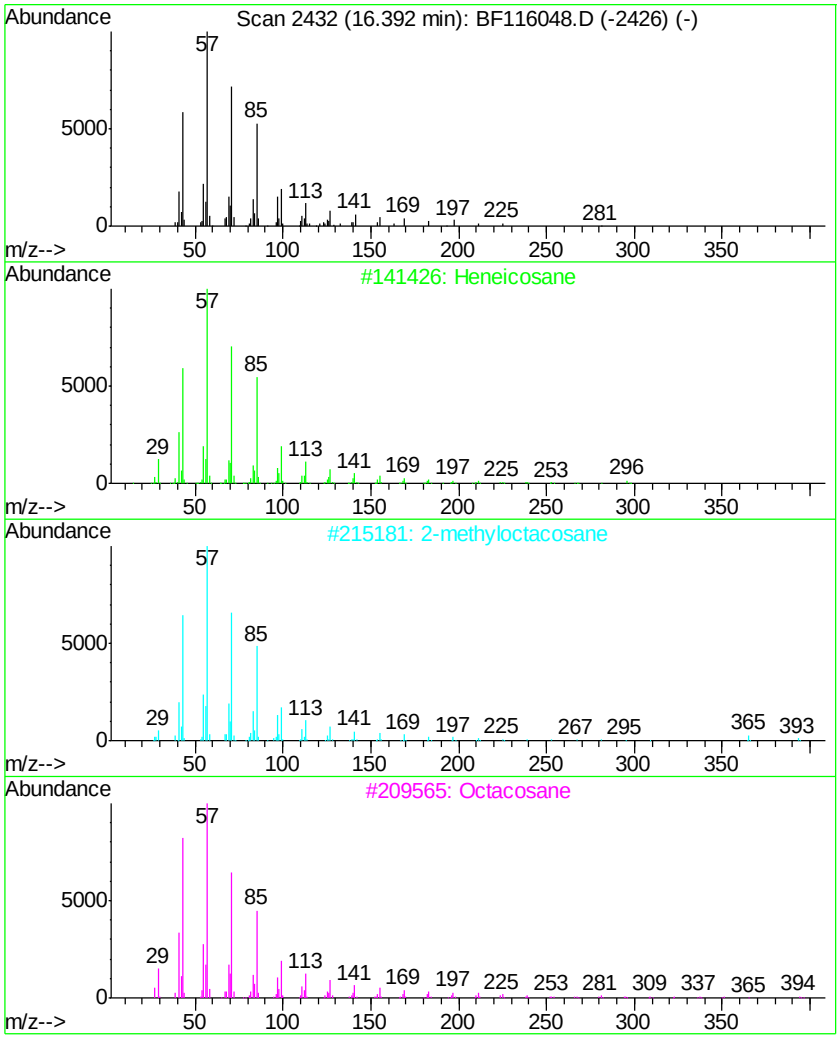
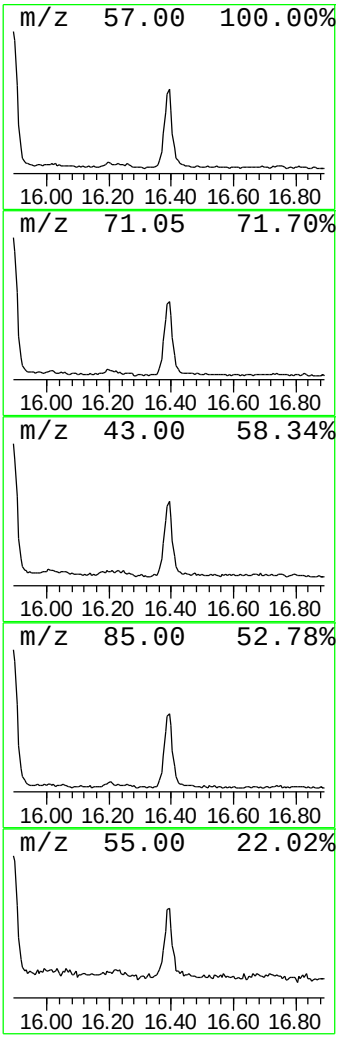
Peak Number 8 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	3.83 ng	217030	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\
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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...	2.12	19.7	ng	760672	1	6.84	773829	20.0
unknown6.62	6.62	53.8	ng	2080790	1	6.84	773829	20.0
1-Nonadecene	13.86	5.0	ng	200205	5	14.00	801699	20.0
Heneicosane	14.76	2.5	ng	143055	6	15.47	1134340	20.0
2-methyloctacosane	15.09	4.6	ng	259452	6	15.47	1134340	20.0
Eicosane	15.89	5.9	ng	335203	6	15.47	1134340	20.0
Octacosane	16.39	3.8	ng	217030	6	15.47	1134340	20.0