LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

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-BF042219.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	2.181	13	16	32	rVB	41319	73064	4.46%	0.434%
2	5.510	578	582	597	rBV	1160464	1203829	73.46%	7.147%
3	6.516	749	753	766	rBV	1412669	1248460	76.19%	7.412%
4	6.663	774	778	781	rBV	1522890	1329725	81.14%	7.895%
5	6.893	813	817	821	rBV	915860	710097	43.33%	4.216%
6	7.051	840	844	847	rBV	1223980	1081360	65.99%	6.420%
7	7.445	907	911	923	rBV	800652	771380	47.07%	4.580%
8	8.175	1031	1035	1054	rVB	945115	895718	54.66%	5.318%
9	9.245	1213	1217	1227	rBV	1860458	1638710	100.00%	9.729%
10	9.634	1280	1283	1288	rBV	136674	121351	7.41%	0.720%
11	9.922	1329	1332	1342	rVB	1041098	983321	60.01%	5.838%
12	10.710	1462	1466	1479	rBV	870862	846816	51.68%	5.028%
13	11.404	1581	1584	1592	rBV	903218	920242	56.16%	5.464%
14	11.798	1648	1651	1654	rBV	29307	22298	1.36%	0.132%
15	11.927	1668	1673	1681	rBV2	174258	197831	12.07%	1.175%
16	12.480	1765	1767	1769	rBV	110822	103559	6.32%	0.615%
17	12.504	1769	1771	1776	rVB3	83890	74070	4.52%	0.440%
18	12.616	1788	1790	1795	rBV	71193	73851	4.51%	0.438%
19	12.716	1803	1807	1814	rBV2	79131	110316	6.73%	0.655%
20	12.845	1824	1829	1831	rBV	62666	72010	4.39%	0.428%
21	12.863	1831	1832	1837	rVB	22741	22386	1.37%	0.133%
22	12.986	1849	1853	1857	rBV	1628226	1434327	87.53%	8.516%
23	13.222	1891	1893	1895	rBV	23575	18885	1.15%	0.112%
24	13.563	1949	1951	1954	rBV2	29133	30239	1.85%	0.180%
25	13.892	2004	2007	2009	rBV3	42403	50972	3.11%	0.303%
26	13.927	2009	2013	2015	rBV3	64732	104320	6.37%	0.619%
27	14.045	2029	2033	2040	rBV	1038446	1032847	63.03%	6.132%
28	14.210	2059	2061	2065	rVB	48897	40676	2.48%	0.242%
29	14.521	2112	2114	2118	rVB	62586	56733	3.46%	0.337%
30	14.833	2164	2167	2170	rBV	80705	75932	4.63%	0.451%
31	15.174	2222	2225	2229	rVB	145201	164602	10.04%	0.977%
32	15.533	2281	2286	2289	rBV	749778	991639	60.51%	5.888%
33	16.004	2362	2366	2374	rBV	132636	207852	12.68%	1.234%
34	16.521	2451	2454	2459	rVB	90803	133617	8.15%	0.793%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-042519

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16843035

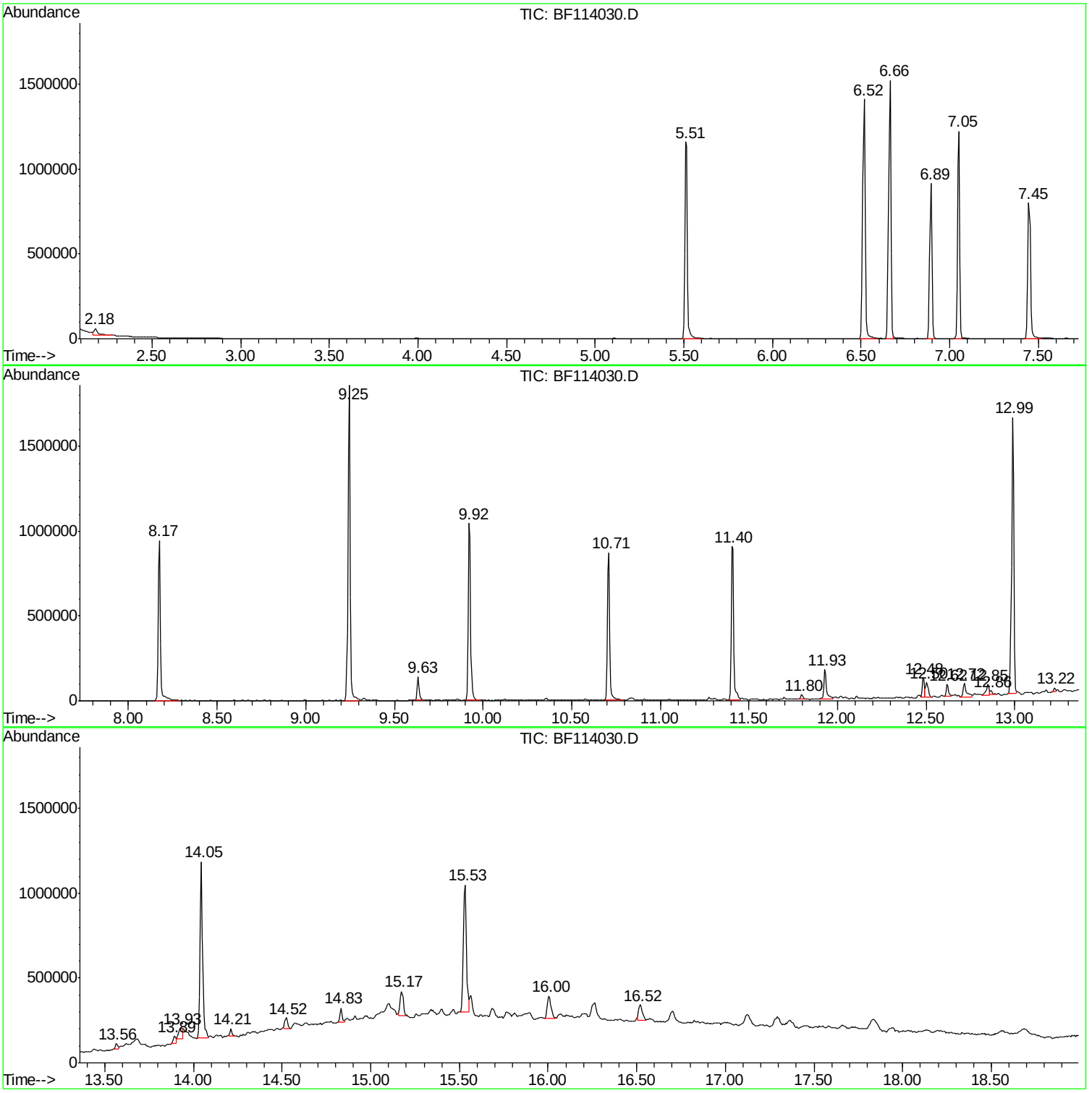
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

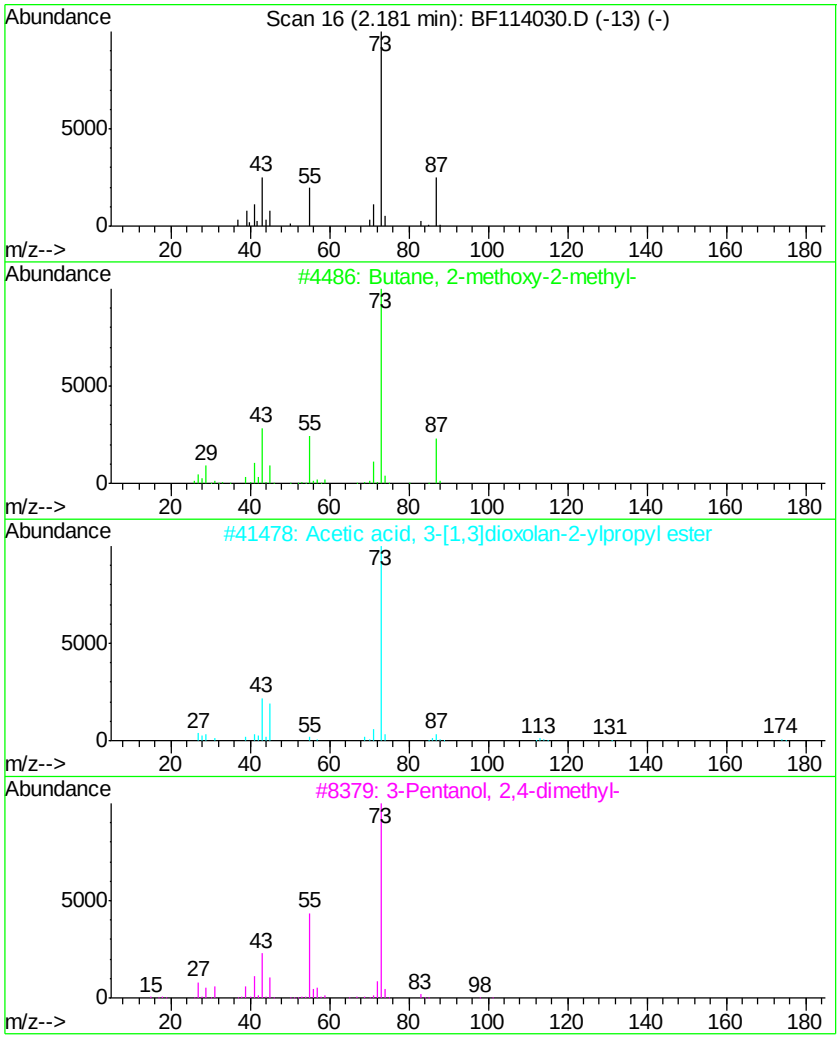
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

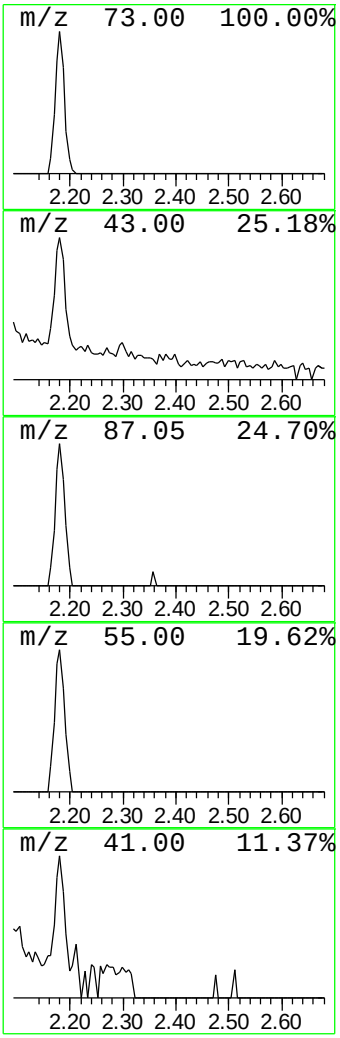
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	2.06 ng	73064	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

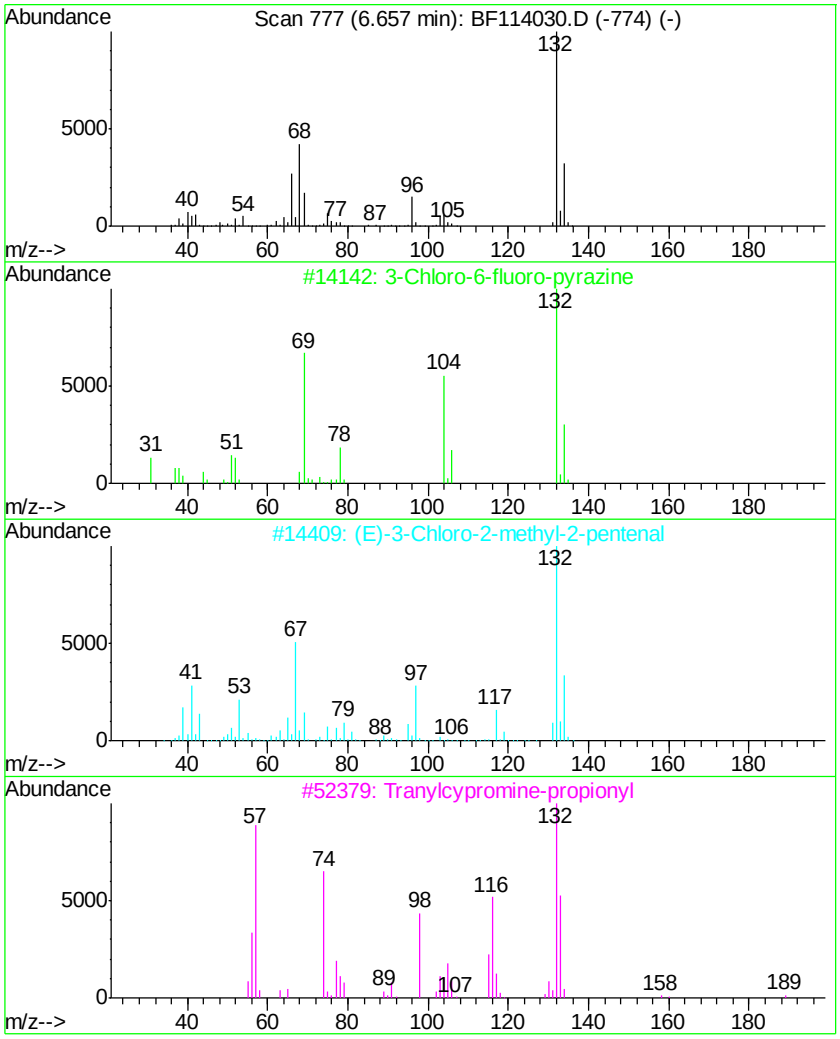
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

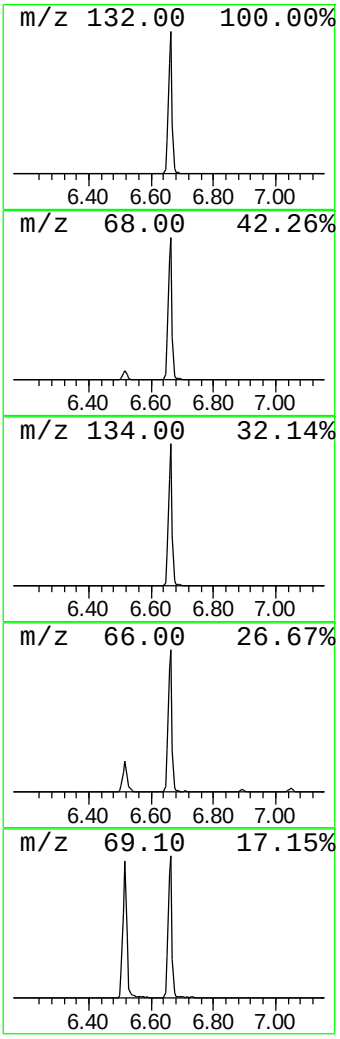
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	37.45 ng	1329730	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

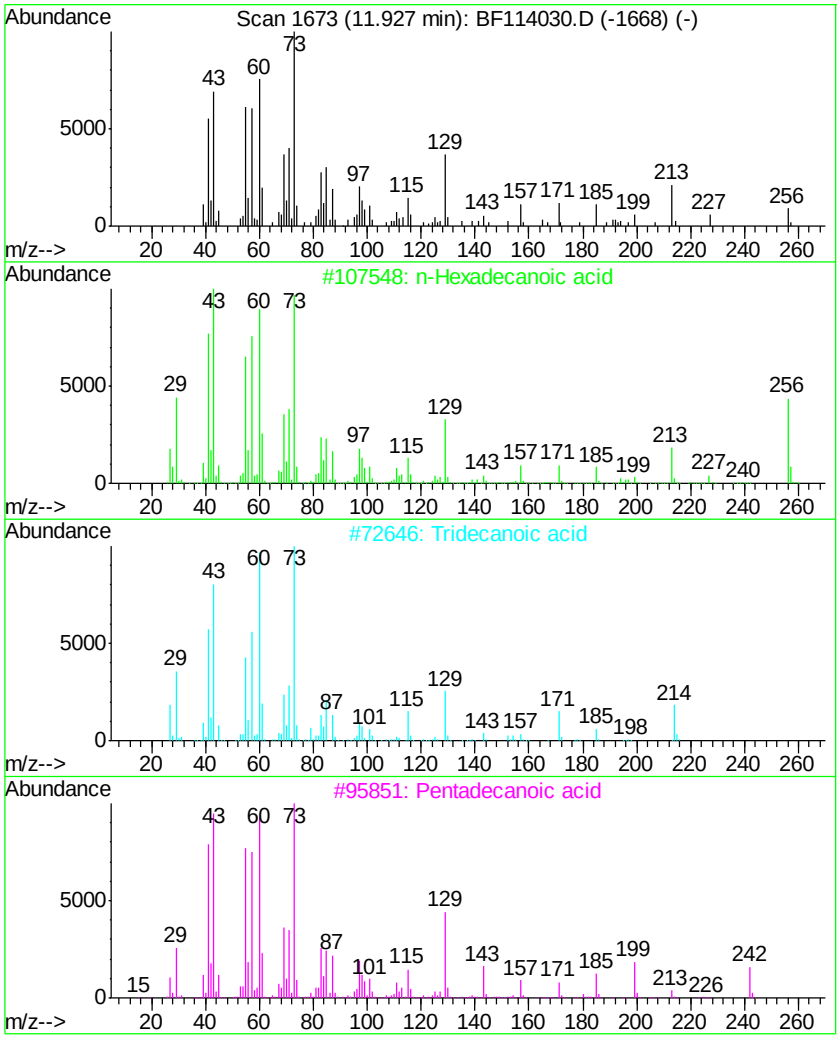
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

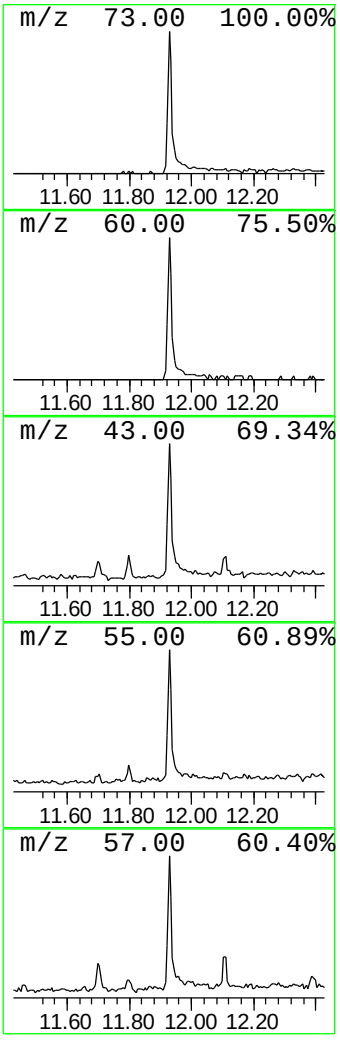
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.30 ng	197831	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

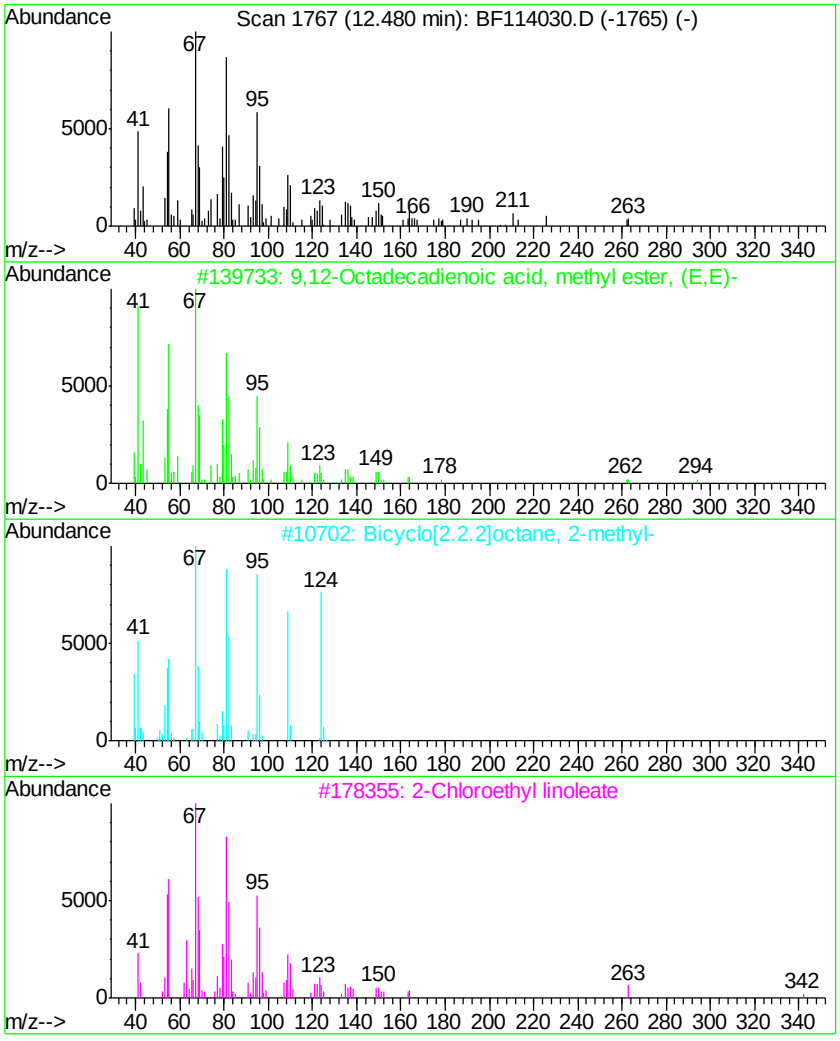
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

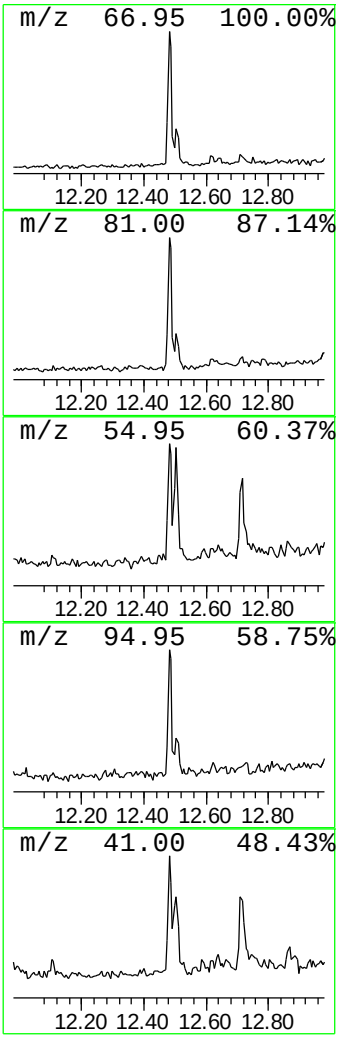
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.25 ng	103559	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	93
2	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	81
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	74
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	62
5	4-Cyclononen-1-one	138	C9H14O	058746-30-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

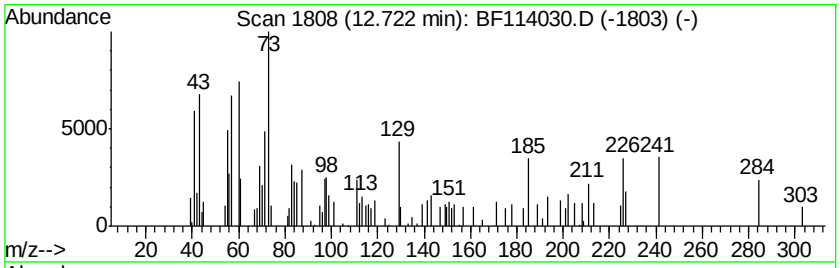
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

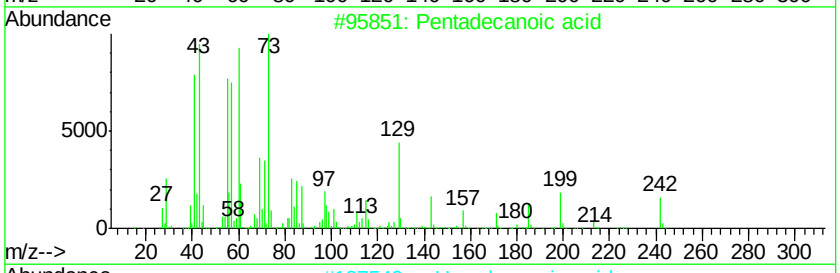
****

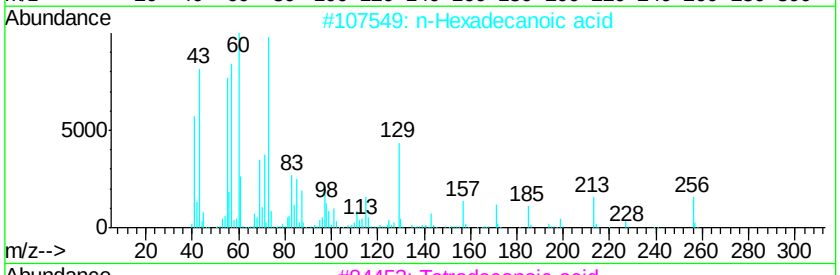
Peak Number 6 Pentadecanoic acid Concentration Rank 7

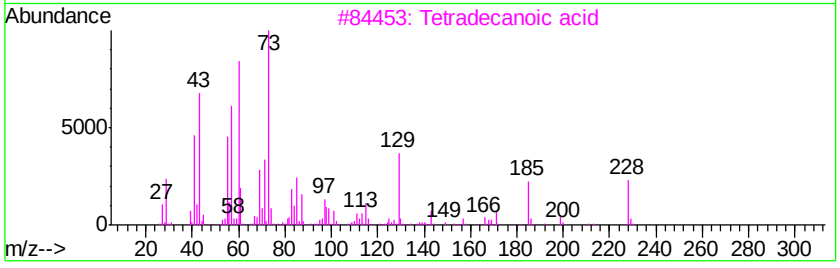
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.40 ng	110316	Phenanthrene-d10	11.41

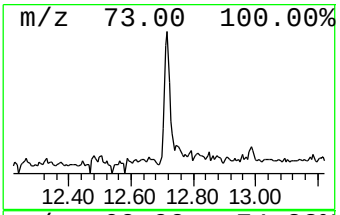
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	45
5	Octadecanoic acid	284	C18H36O2	000057-11-4	38

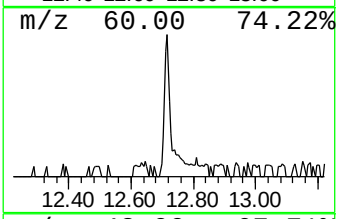


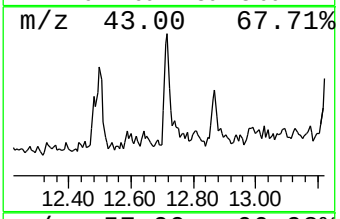


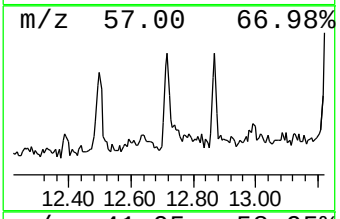


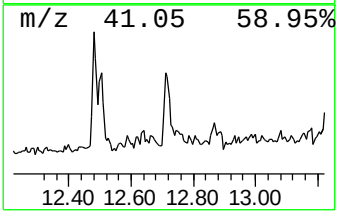












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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

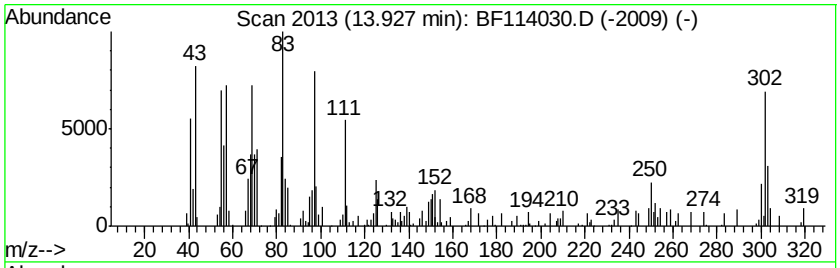
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

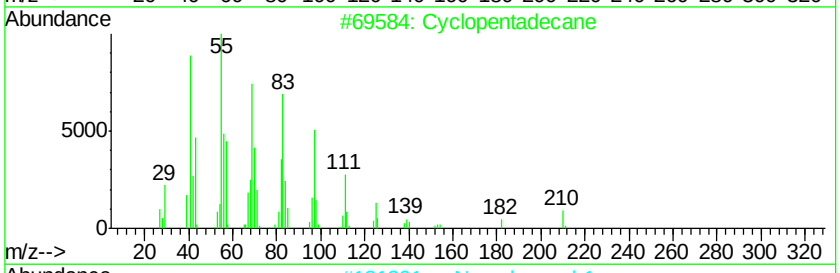
****

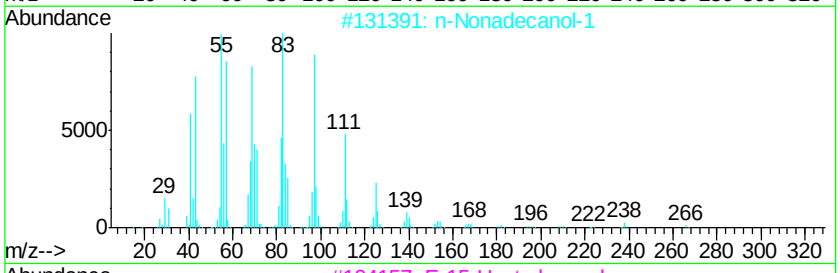
Peak Number 7 n-Nonadecanol-1 Concentration Rank 10

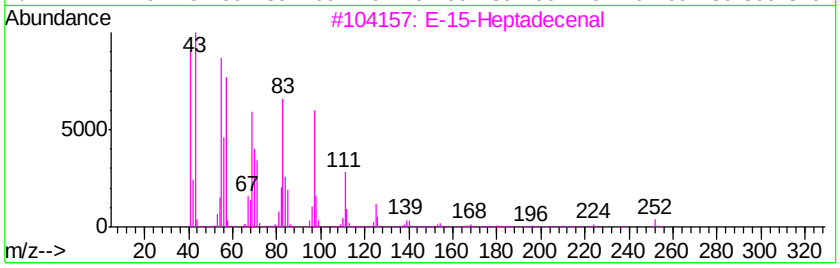
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.02 ng	104320	Chrysene-d12	14.05

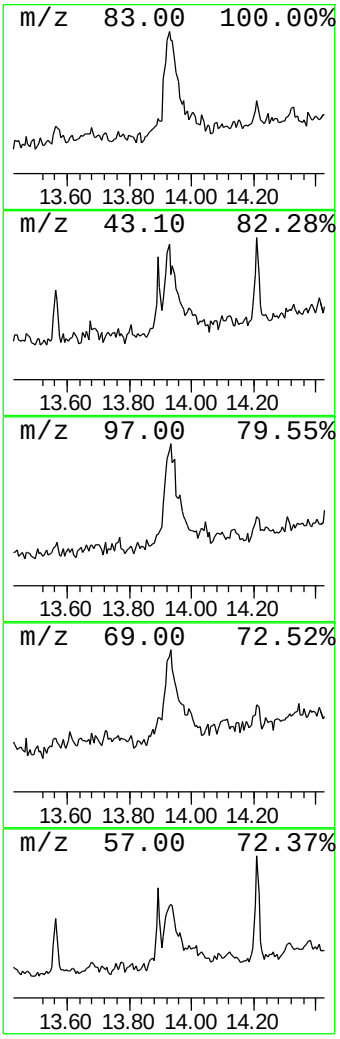
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	91
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
4	1-Docosene	308	C22H44	001599-67-3	60
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	60











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

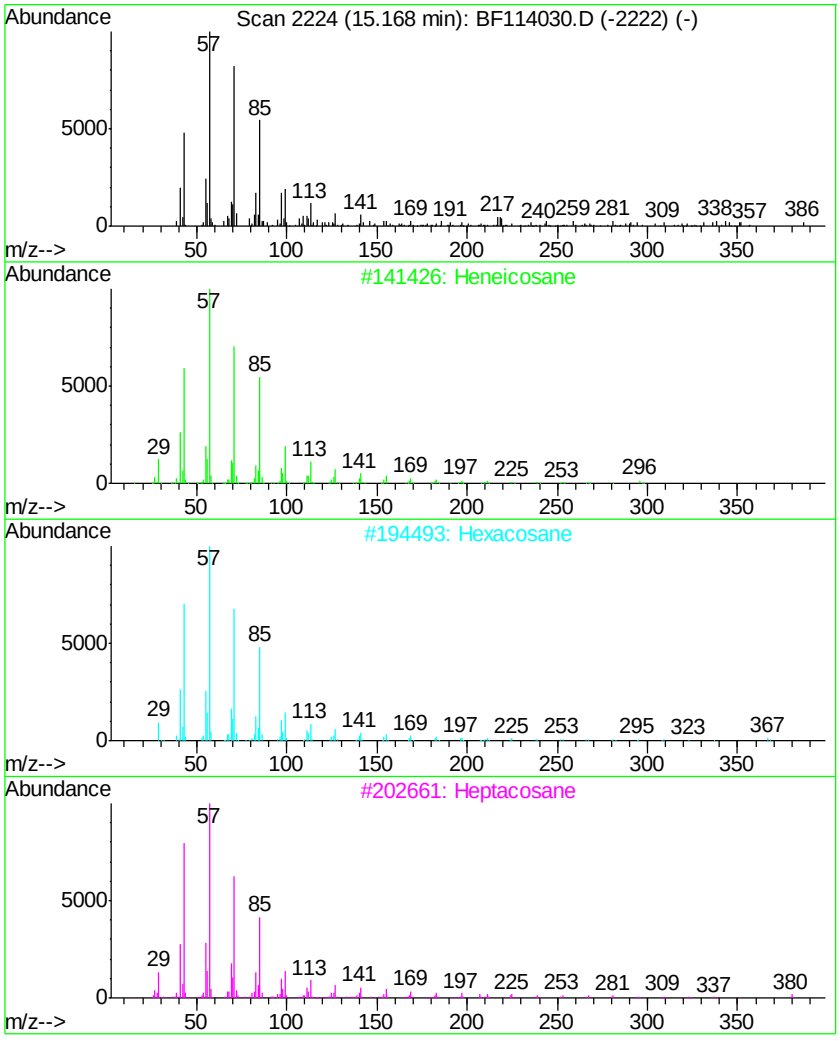
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

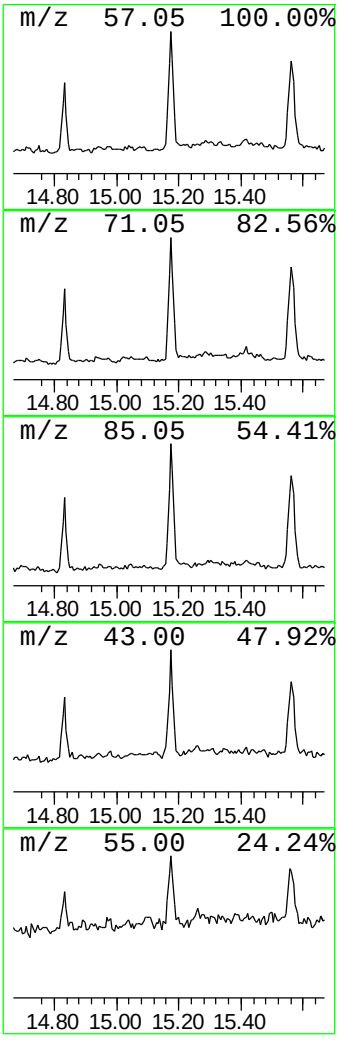
****

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.32 ng	164602	Perylene-d12	15.53

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	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Nonadecane	268	C19H40	000629-92-5	83





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Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

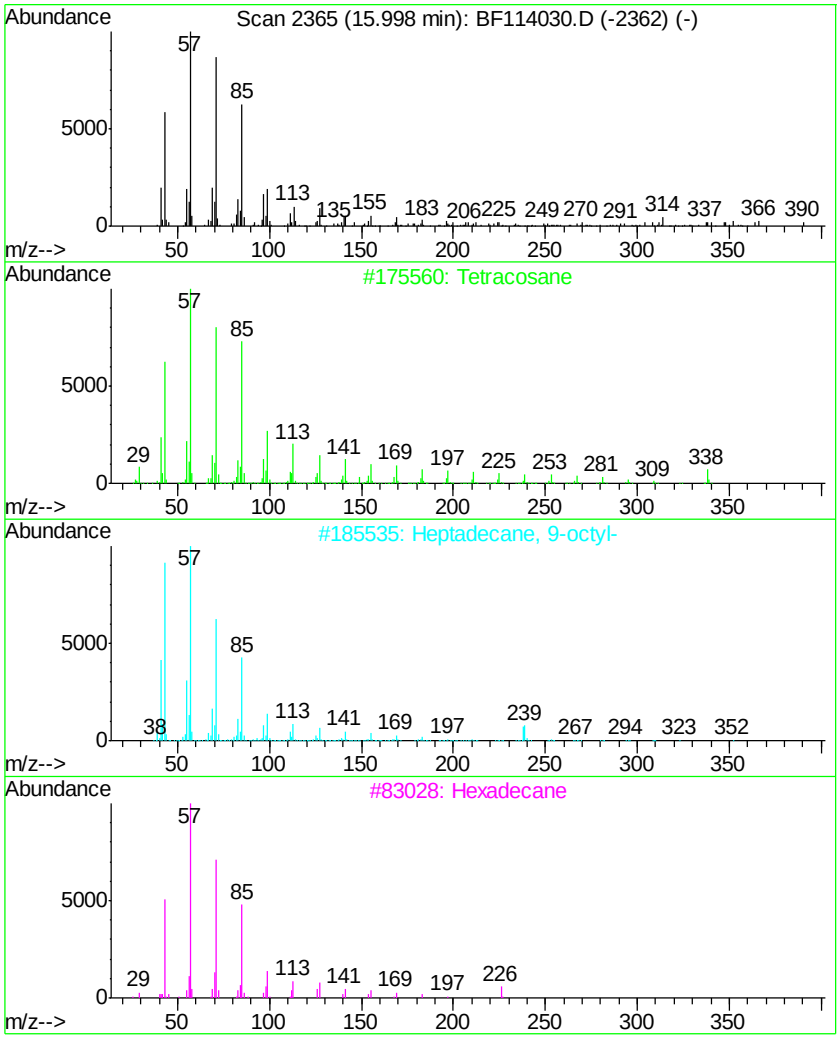
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

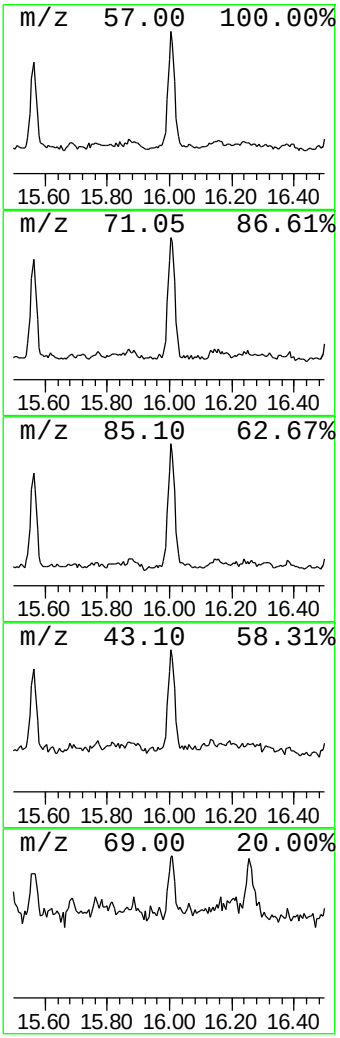
****

Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	4.19 ng	207852	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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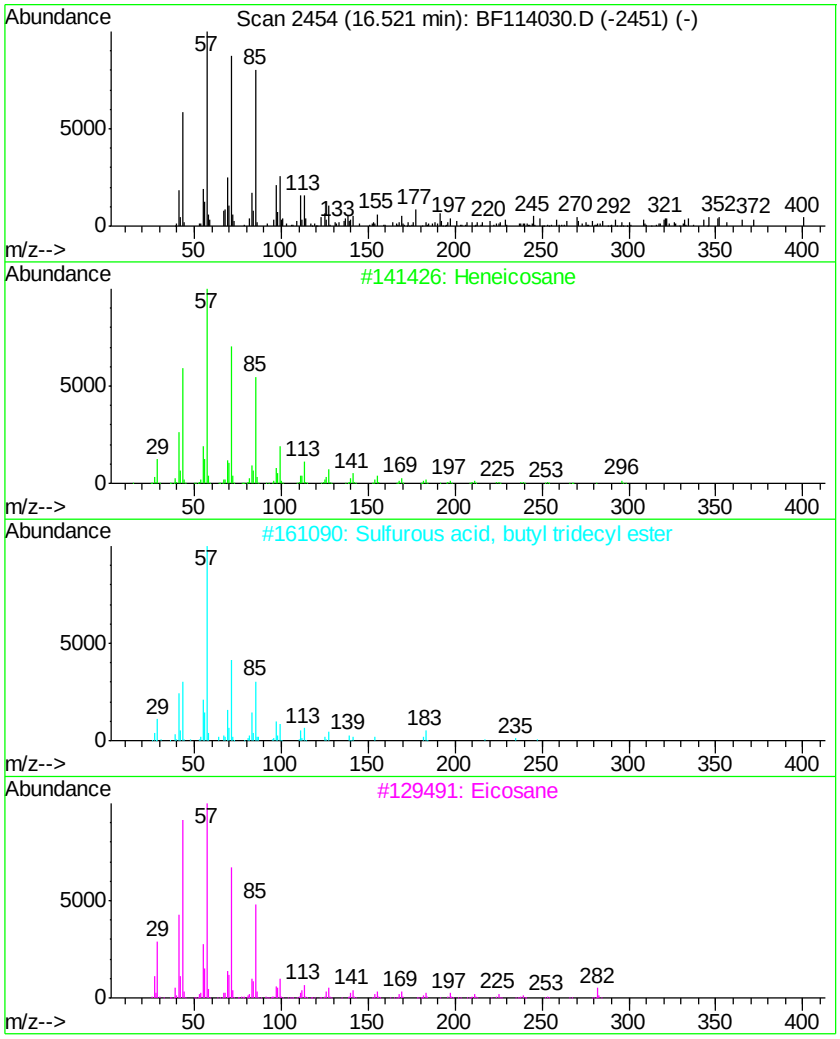
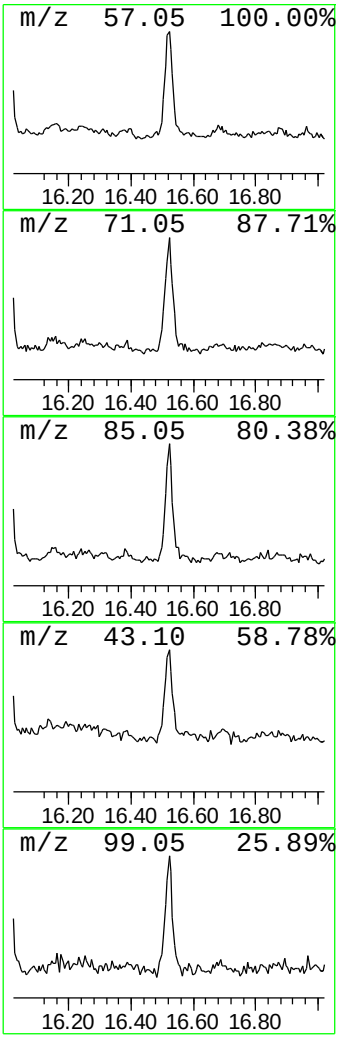
Peak Number 10 Sulfurous acid, butyl tride... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	2.69 ng	133617	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80
3	Eicosane	282	C20H42	000112-95-8	72
4	Hexadecane	226	C16H34	000544-76-3	55
5	Tetratetracontane	619	C44H90	007098-22-8	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114030.D
Acq On : 29 Apr 2019 18:36
Operator : JU/SJ
Sample : K2198-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-042519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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...	2.18	2.1	ng	73064	1	6.89	710097	20.0
unknown6.66	6.66	37.5	ng	1329730	1	6.89	710097	20.0
n-Hexadecanoic acid	11.93	4.3	ng	197831	4	11.41	920242	20.0
9,12-Octadecadien...	12.48	2.3	ng	103559	4	11.41	920242	20.0
Pentadecanoic acid	12.72	2.4	ng	110316	4	11.41	920242	20.0
n-Nonadecanol-1	13.93	2.0	ng	104320	5	14.05	1032850	20.0
Heneicosane	15.17	3.3	ng	164602	6	15.53	991639	20.0
Tetracosane	16.00	4.2	ng	207852	6	15.53	991639	20.0
Sulfurous acid, b...	16.52	2.7	ng	133617	6	15.53	991639	20.0