LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116821.D
Acq On : 4 Sep 2019 17:48
Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

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-BF083019.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	5.469	570	575	578	rBV	1368132	1221372	77.60%	8.912%
2	6.481	742	747	758	rBV	1478367	1367019	86.86%	9.974%
3	6.622	766	771	774	rBV	1537169	1360092	86.42%	9.924%
4	6.675	776	780	785	rBV	58433	49233	3.13%	0.359%
5	6.851	806	810	813	rBV	463866	392441	24.94%	2.863%
6	7.004	833	836	840	rBV	1126204	1022871	64.99%	7.463%
7	7.404	900	904	908	rBV	874644	796315	50.60%	5.810%
8	8.128	1024	1027	1031	rBV	558835	501713	31.88%	3.661%
9	9.204	1206	1210	1213	rBV	2021861	1573856	100.00%	11.484%
10	9.322	1225	1230	1233	rVB	91284	72353	4.60%	0.528%
11	9.592	1273	1276	1281	rBV	206906	153616	9.76%	1.121%
12	9.880	1322	1325	1329	rBV	636927	582556	37.01%	4.251%
13	10.669	1455	1459	1462	rBV	963360	787140	50.01%	5.743%
14	11.363	1574	1577	1580	rBV	603801	532373	33.83%	3.884%
15	11.386	1580	1581	1584	rVB	41786	26094	1.66%	0.190%
16	11.592	1612	1616	1621	rBV5	23994	29551	1.88%	0.216%
17	11.886	1663	1666	1670	rBV	84950	77149	4.90%	0.563%
18	12.404	1751	1754	1760	rBV	150220	155369	9.87%	1.134%
19	12.574	1780	1783	1786	rBV	107425	88821	5.64%	0.648%
20	12.604	1786	1788	1791	rVV4	30730	30102	1.91%	0.220%
21	12.668	1796	1799	1802	rBV5	20587	27748	1.76%	0.202%
22	12.804	1818	1822	1824	rBV	67217	70054	4.45%	0.511%
23	12.945	1842	1846	1849	rBV	1548608	1347358	85.61%	9.831%
24	13.151	1879	1881	1884	rBV3	15891	19907	1.26%	0.145%
25	13.368	1914	1918	1919	rBV3	18309	28116	1.79%	0.205%
26	13.421	1925	1927	1929	rBV3	22601	20439	1.30%	0.149%
27	13.839	1994	1998	2003	rBV3	164323	244706	15.55%	1.785%
28	13.998	2021	2025	2028	rBV	493458	474435	30.14%	3.462%
29	14.462	2102	2104	2109	rBV2	63191	98938	6.29%	0.722%
30	14.768	2154	2156	2160	rVB	86676	69853	4.44%	0.510%
31	15.104	2210	2213	2217	rBV2	74270	90709	5.76%	0.662%
32	15.451	2268	2272	2276	rBV	294506	392908	24.96%	2.867%

LSC Area Percent Report

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Acq On : 4 Sep 2019 17:48
Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 13705207

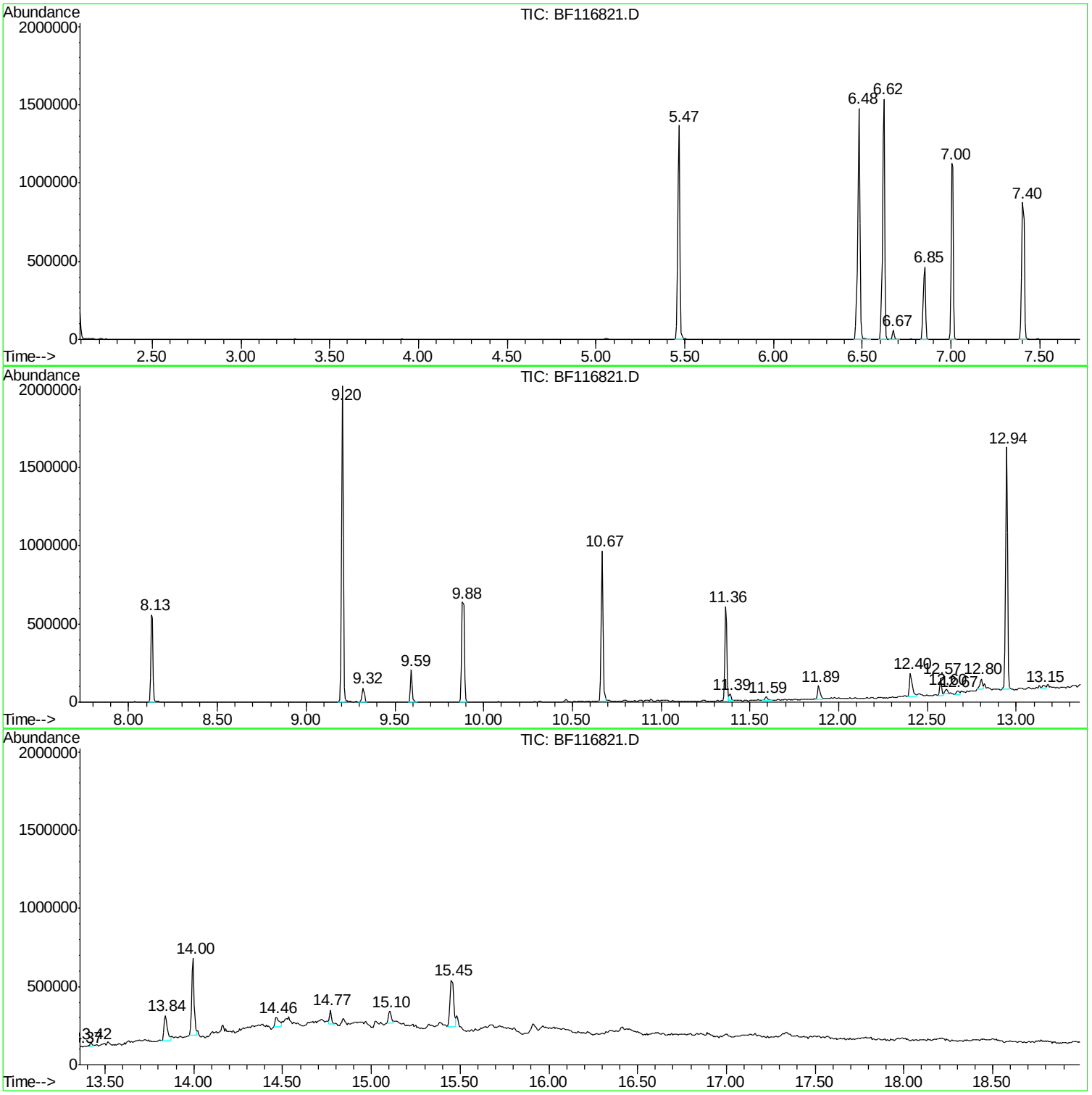
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116821.D
Acq On : 4 Sep 2019 17:48
Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF090419\
Data File : BF116821.D
Acq On : 4 Sep 2019 17:48
Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

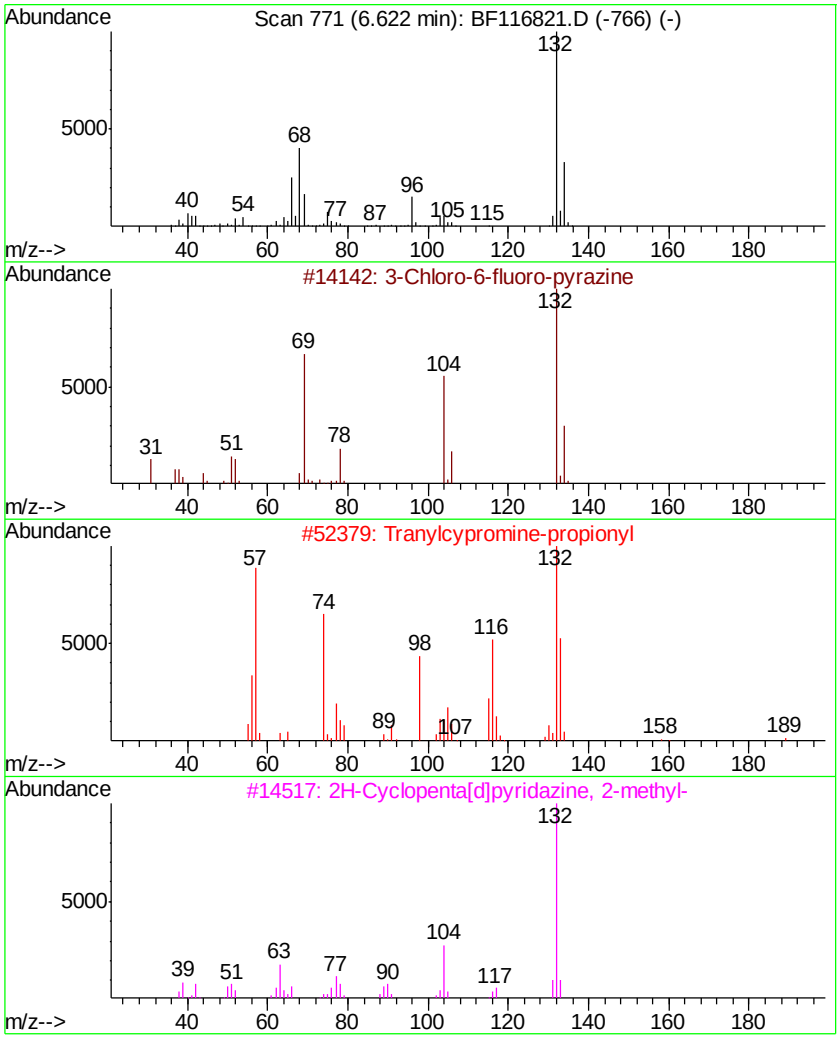
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

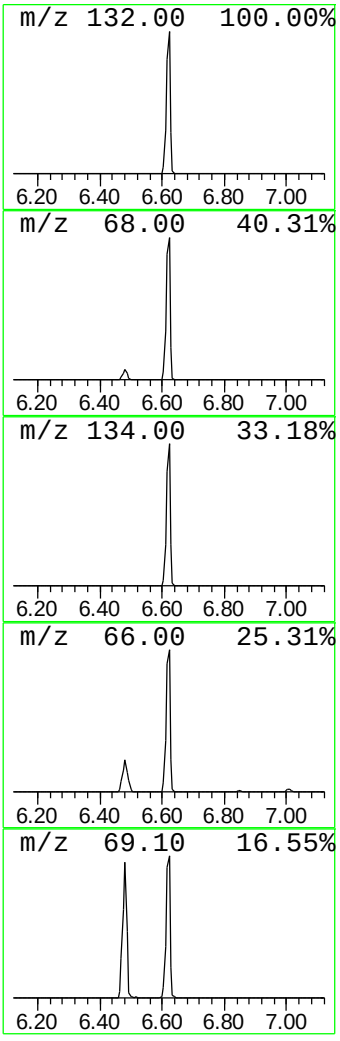
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	69.31 ng	1360090	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116821.D
Acq On : 4 Sep 2019 17:48
Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

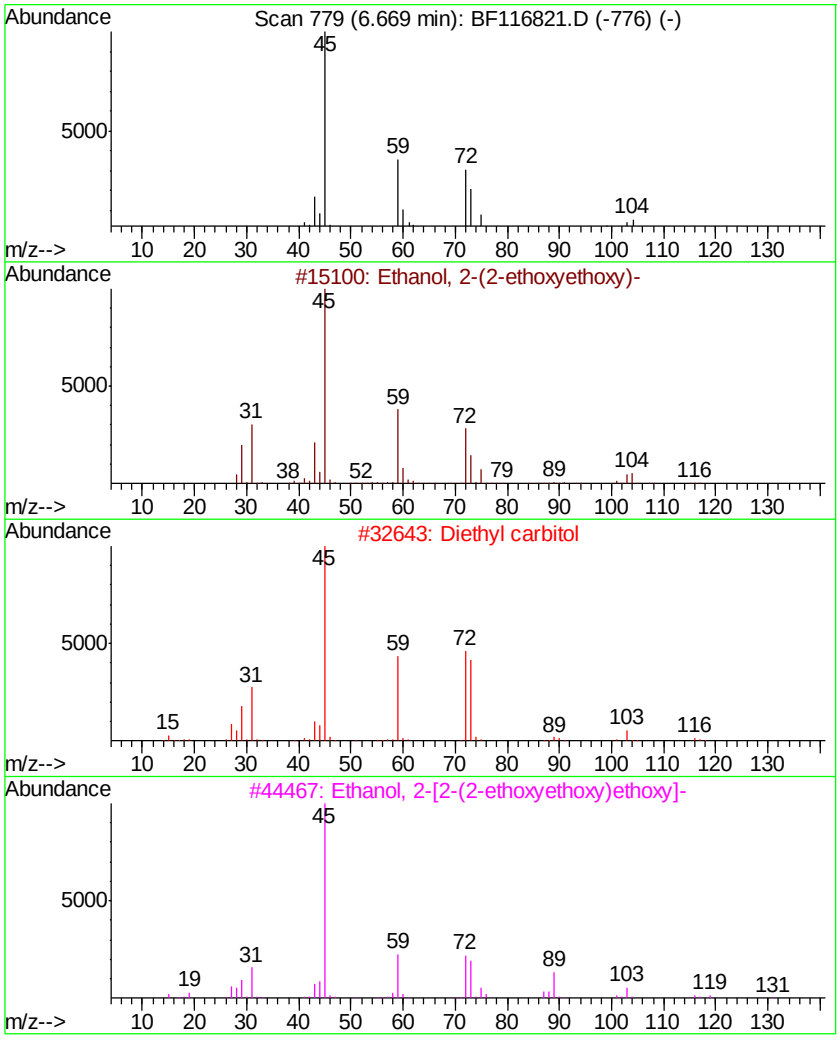
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

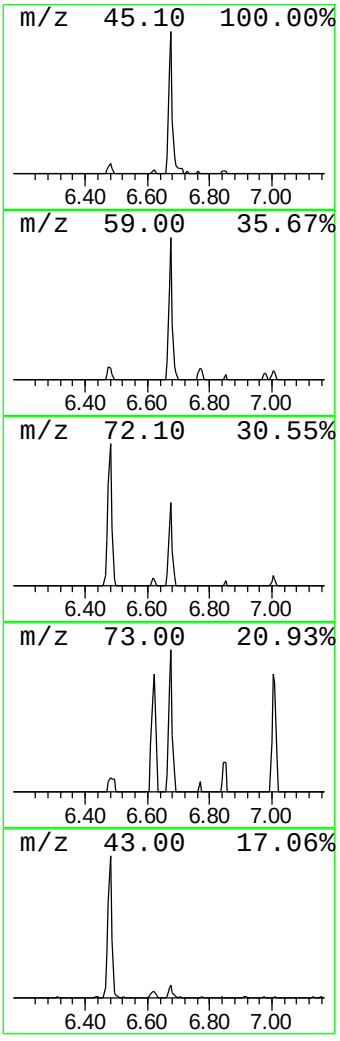
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	2.51 ng	49233	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2	Diethyl carbitol	162	C8H18O3	000112-36-7	56
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116821.D
Acq On : 4 Sep 2019 17:48
Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

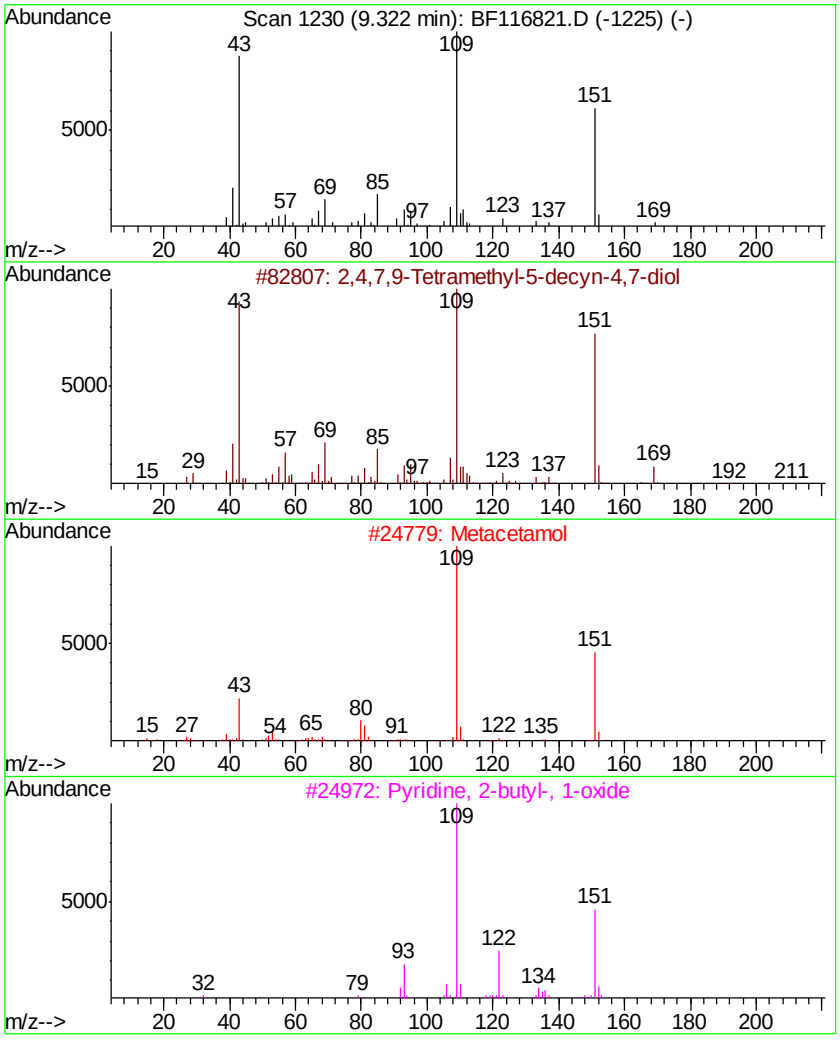
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

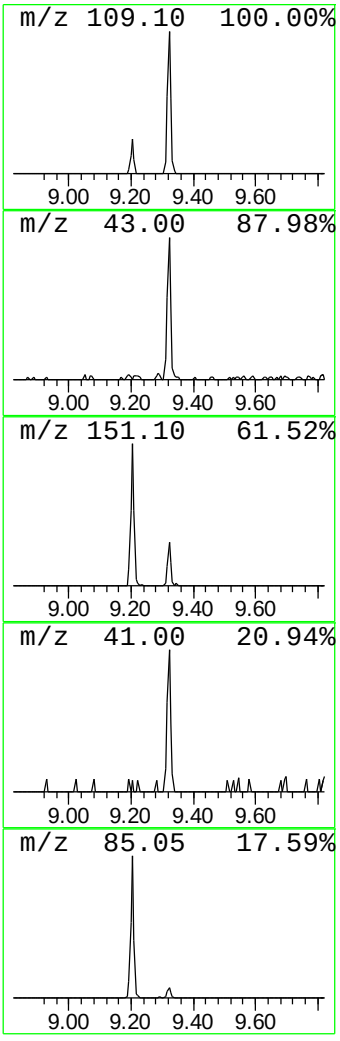
****

Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.48 ng	72353	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	42
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116821.D
Acq On : 4 Sep 2019 17:48
Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

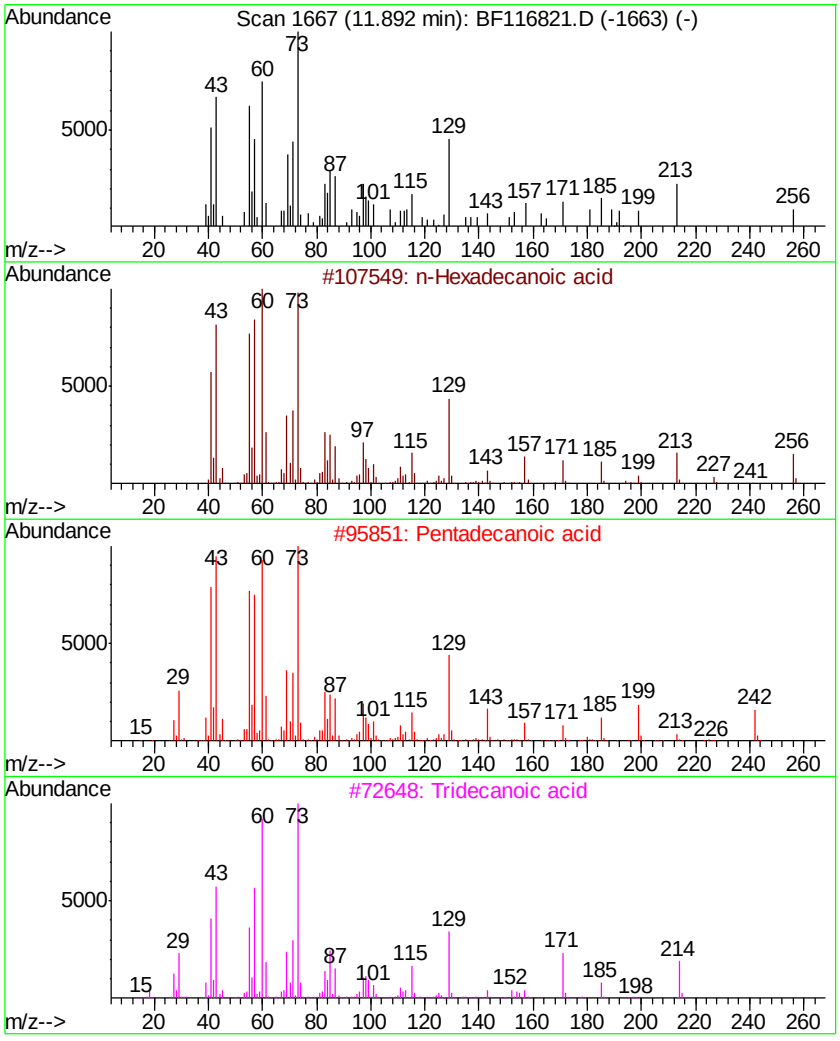
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

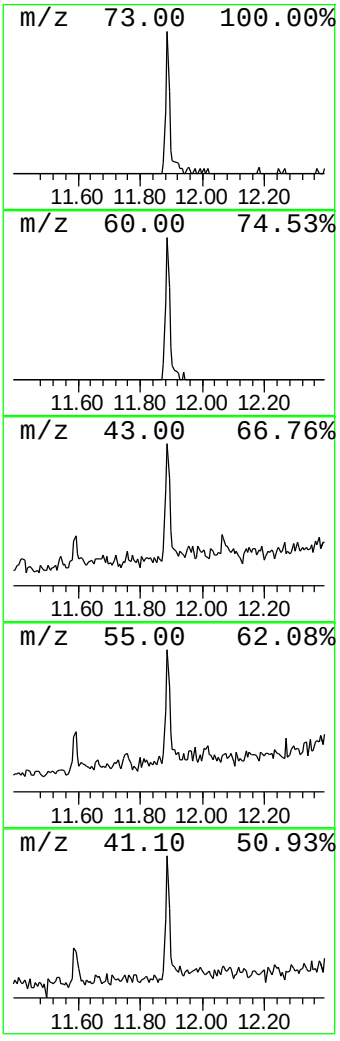
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.90 ng	77149	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

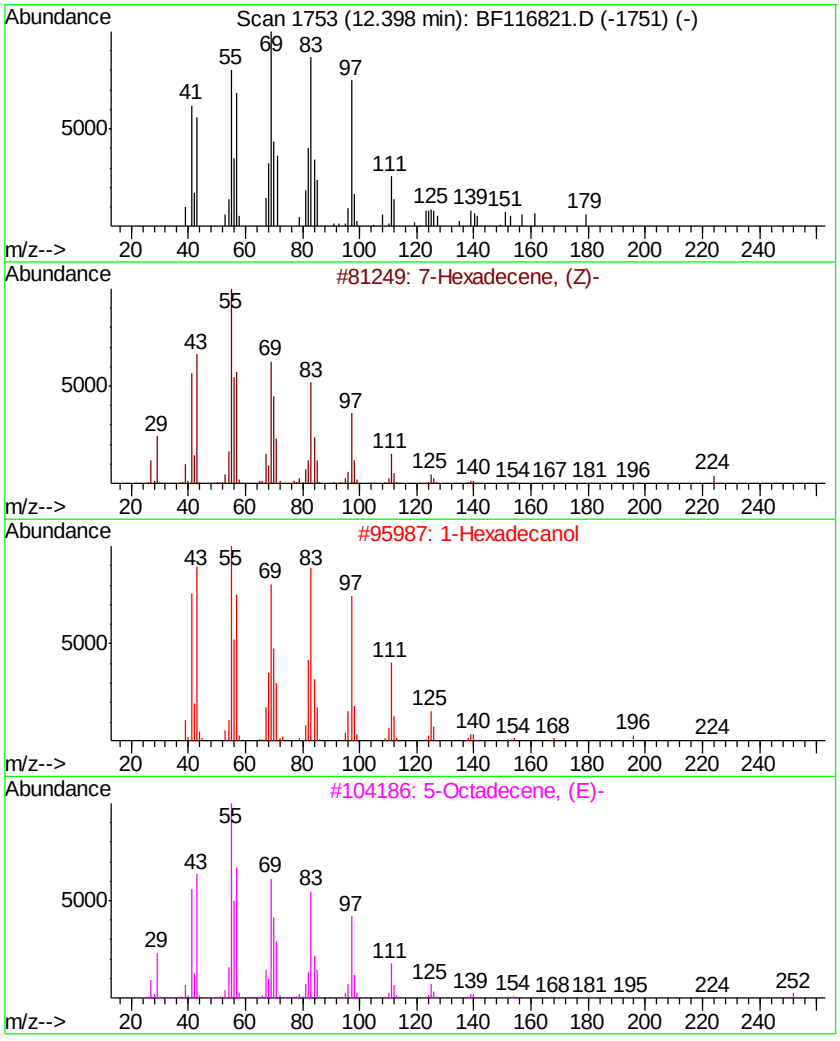
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

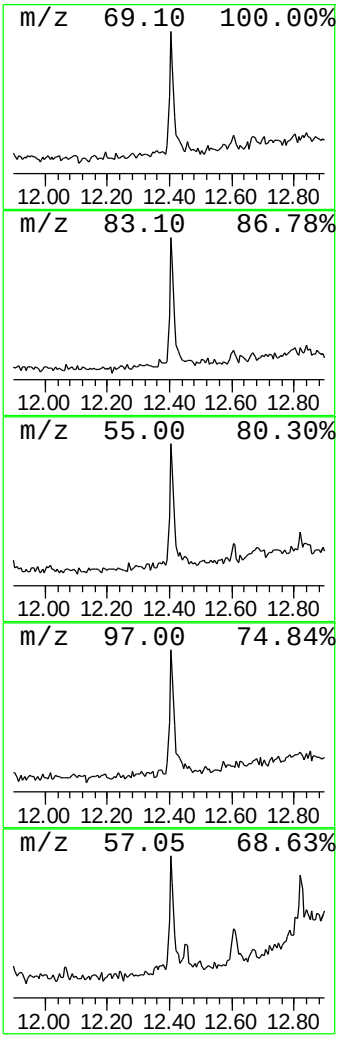
****

Peak Number 6 7-Hexadecene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	5.84 ng	155369	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	96
2	1-Hexadecanol	242	C16H34O	036653-82-4	93
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	90





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Sample : K4639-05
Misc :
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Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

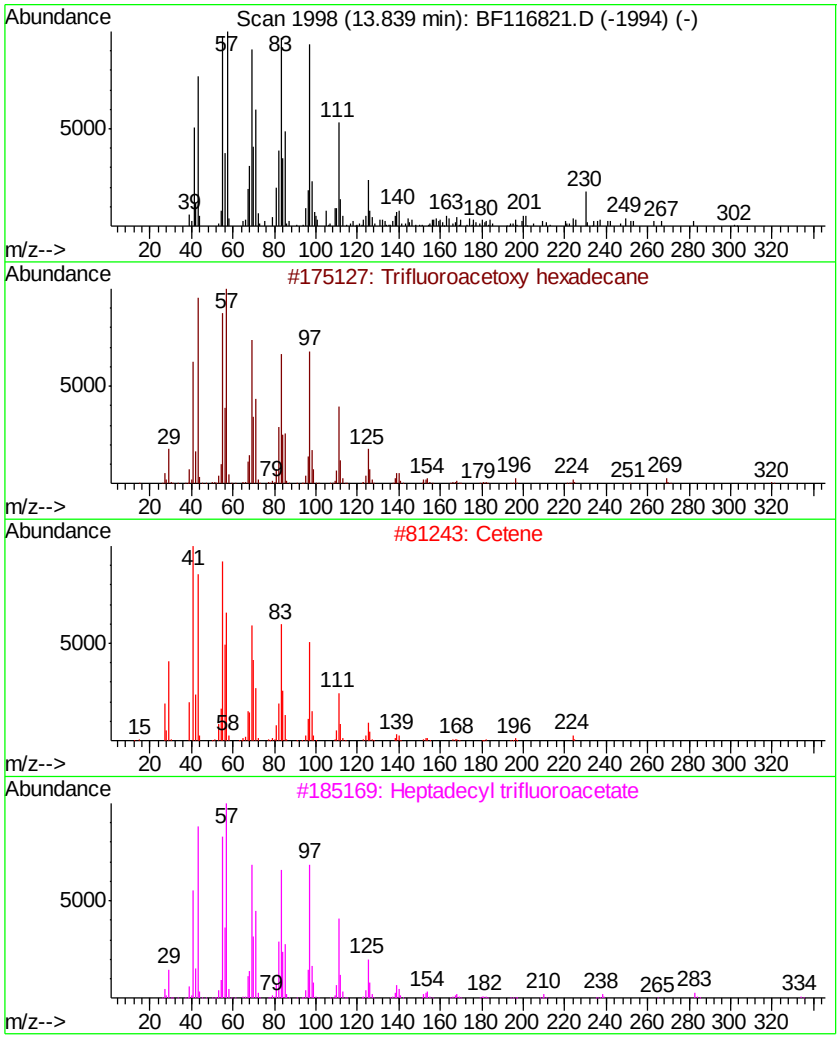
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

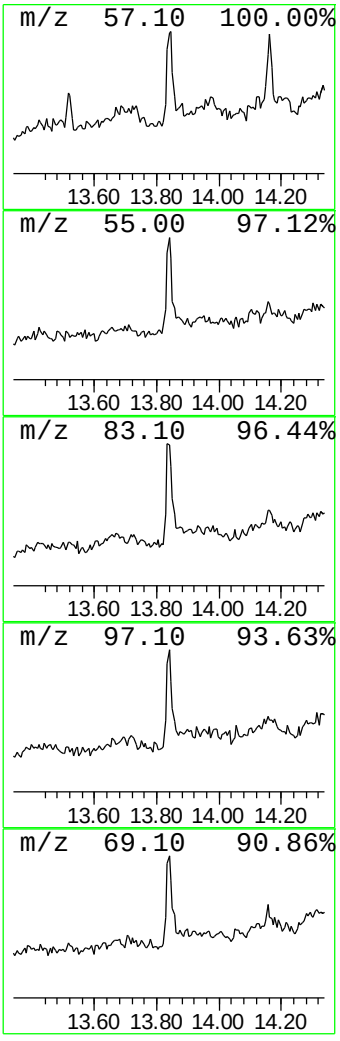
****

Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	10.32 ng	244706	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	Cetene	224	C16H32	000629-73-2	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





Library Search Compound Report

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Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

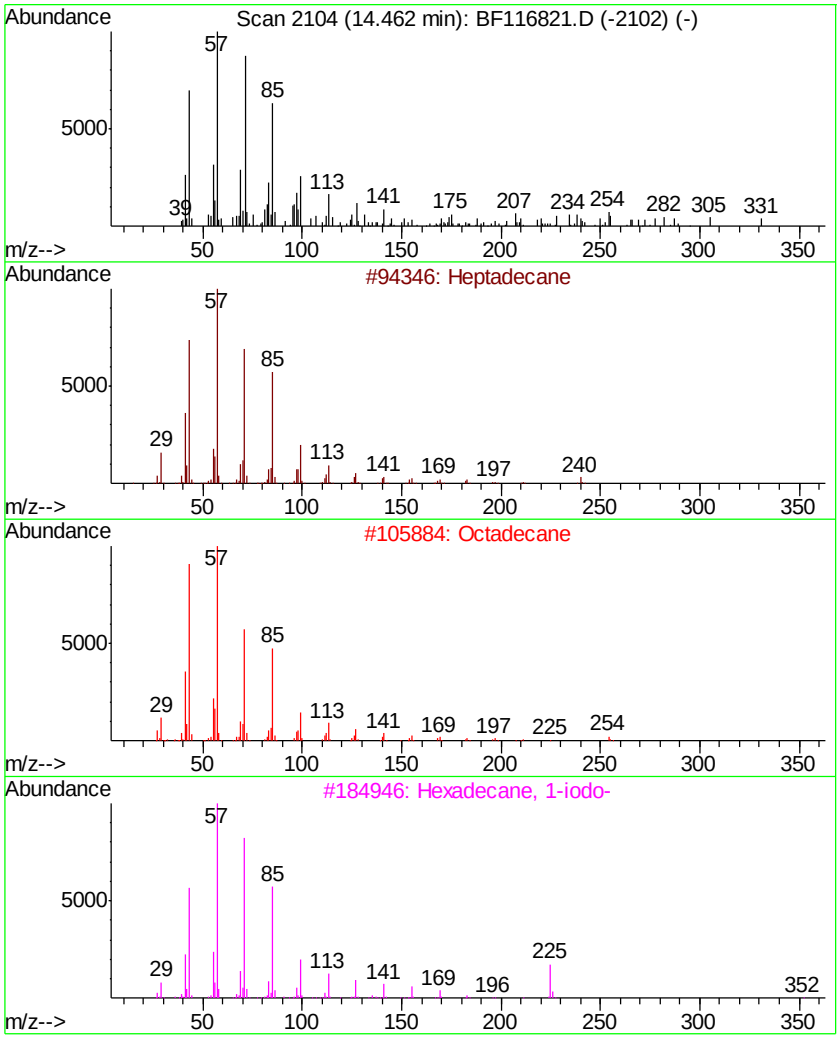
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

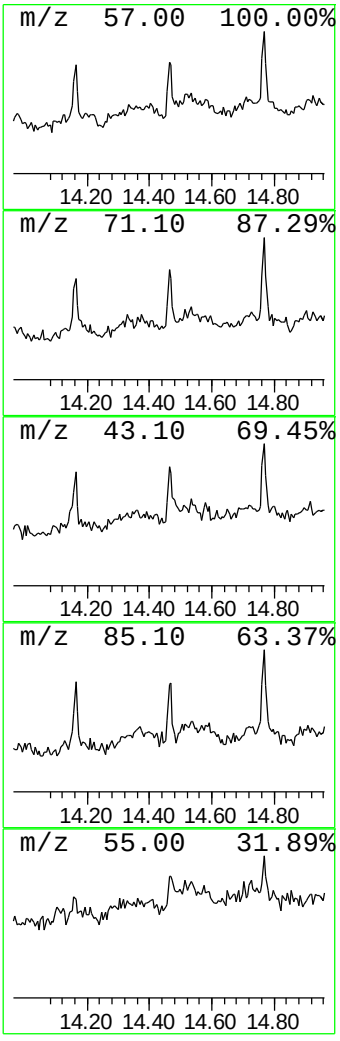
****

Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	4.17 ng	98938	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Octadecane	254	C18H38	000593-45-3	72
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Eicosane	282	C20H42	000112-95-8	64





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Misc :
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Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

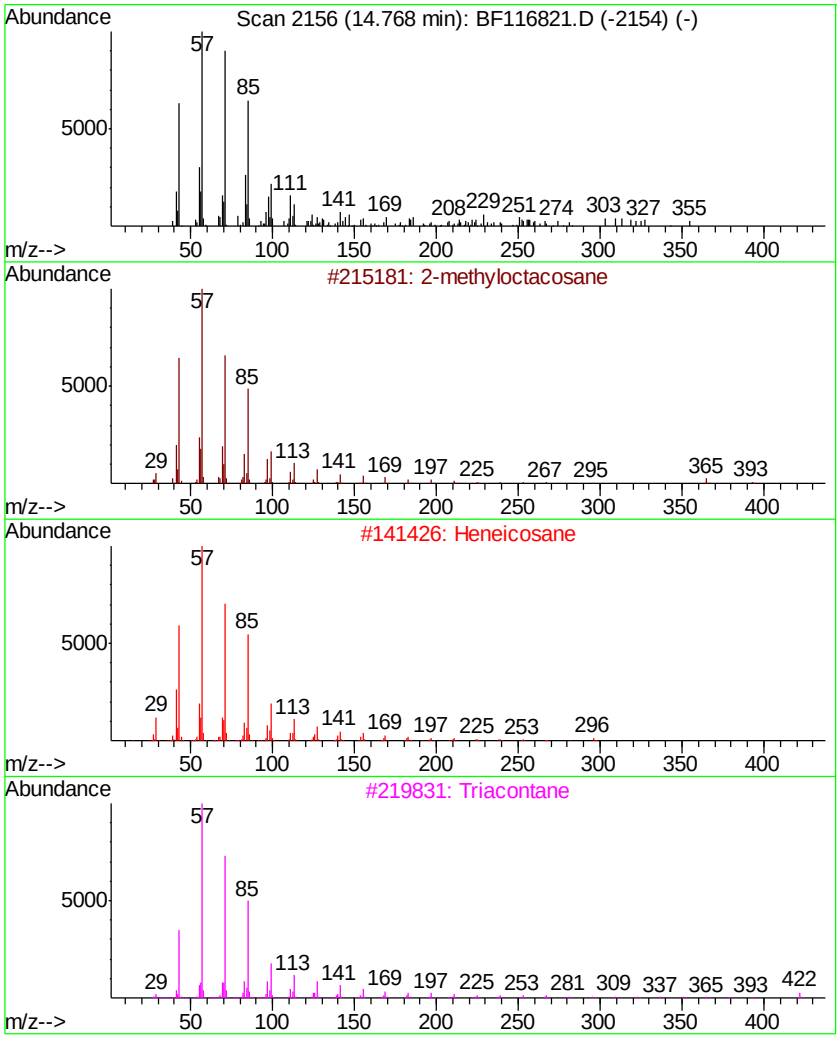
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

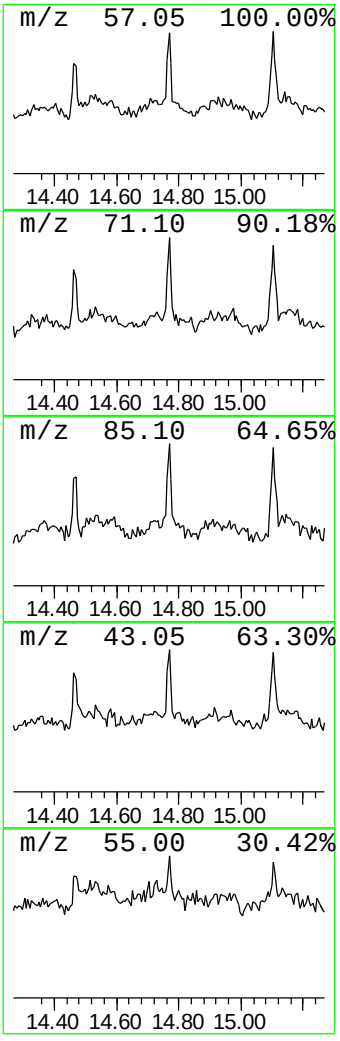
****

Peak Number 9 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.56 ng	69853	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	74
2	Heneicosane	296	C21H44	000629-94-7	72
3	Triacontane	422	C30H62	000638-68-6	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Tetracosane	338	C24H50	000646-31-1	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116821.D
Acq On : 4 Sep 2019 17:48
Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

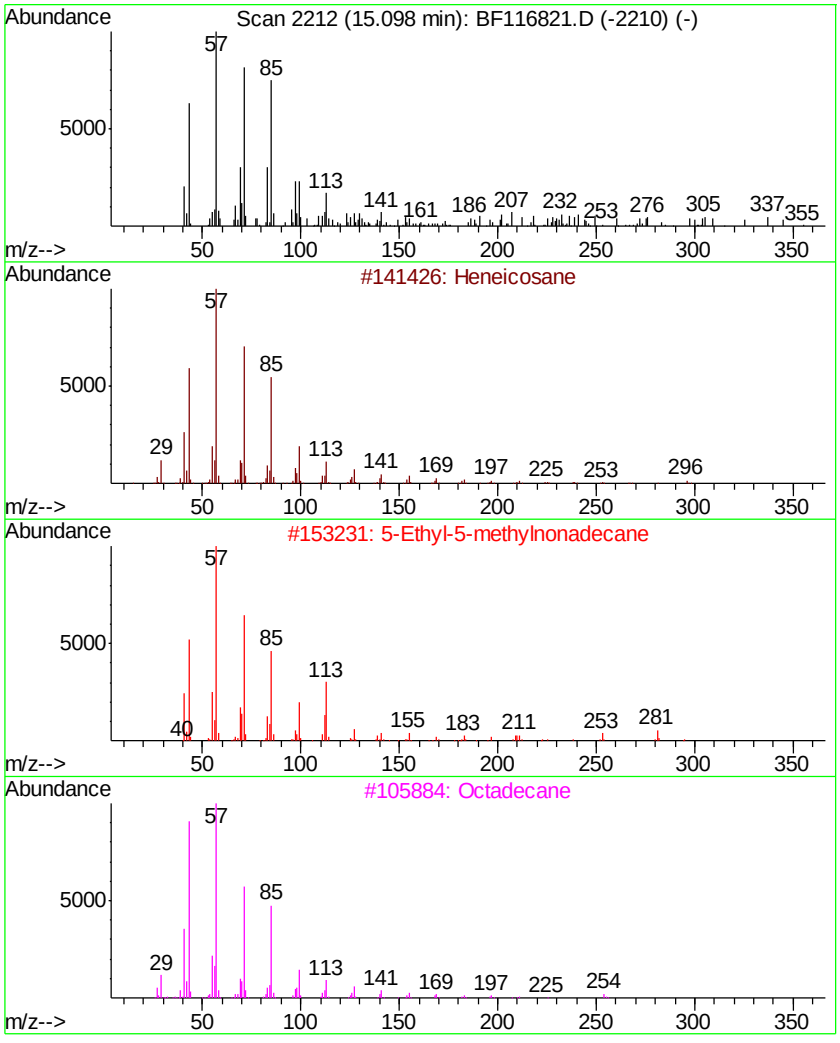
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

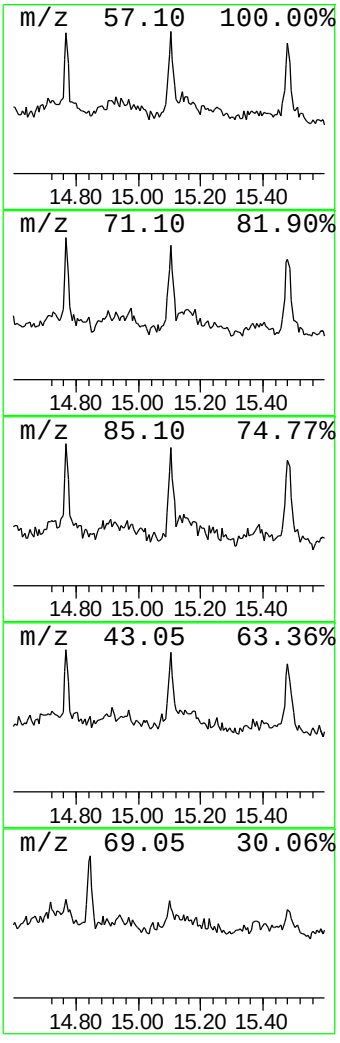
****

Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.62 ng	90709	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	86
3	Octadecane	254	C18H38	000593-45-3	80
4	Tetracosane	338	C24H50	000646-31-1	78
5	2-methyloctacosane	408	C29H60	1000376-72-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
Data File : BF116821.D
Acq On : 4 Sep 2019 17:48
Operator : HP/JU
Sample : K4639-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	69.3	ng	1360090	1	6.85	392441	20.0
Ethanol, 2-(2-eth...	6.67	2.5	ng	49233	1	6.85	392441	20.0
2,4,7,9-Tetrameth...	9.32	2.5	ng	72353	3	9.88	582556	20.0
n-Hexadecanoic acid	11.89	2.9	ng	77149	4	11.36	532373	20.0
7-Hexadecene, (Z)-	12.40	5.8	ng	155369	4	11.36	532373	20.0
Trifluoroacetoxy ...	13.84	10.3	ng	244706	5	14.00	474435	20.0
Heptadecane	14.46	4.2	ng	98938	5	14.00	474435	20.0
2-methyloctacosane	14.77	3.6	ng	69853	6	15.45	392908	20.0
Heneicosane	15.10	4.6	ng	90709	6	15.45	392908	20.0