LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118298.D
Acq On : 20 Dec 2019 00:03
Operator : JU
Sample : K6370-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1-3

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-BF120619.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	5.063	501	506	522	rVB	275546	349929	16.70%	1.975%
2	5.475	572	576	598	rBV	1885155	1834214	87.52%	10.355%
3	6.492	744	749	768	rBV	1910910	2035977	97.15%	11.494%
4	6.628	768	772	775	rBV	2512833	2095678	100.00%	11.831%
5	6.857	808	811	816	rBV	604386	485459	23.16%	2.741%
6	7.016	834	838	841	rBV	1922887	1606099	76.64%	9.067%
7	7.422	903	907	917	rBV	1341635	1216499	58.05%	6.868%
8	8.145	1027	1030	1039	rBV	661398	585982	27.96%	3.308%
9	8.863	1149	1152	1159	rVB	40951	39004	1.86%	0.220%
10	9.222	1209	1213	1216	rBV	2527885	1948529	92.98%	11.000%
11	9.298	1223	1226	1229	rVB2	69813	56015	2.67%	0.316%
12	9.616	1277	1280	1289	rVB	238823	242557	11.57%	1.369%
13	9.775	1303	1307	1313	rBV8	25519	54215	2.59%	0.306%
14	9.833	1314	1317	1321	rVB2	83565	78358	3.74%	0.442%
15	9.904	1326	1329	1339	rVB	829648	696213	33.22%	3.930%
16	10.333	1400	1402	1404	rVB	118526	79371	3.79%	0.448%
17	10.551	1437	1439	1442	rVB	60104	52557	2.51%	0.297%
18	10.698	1460	1464	1474	rBV	1479005	1497180	71.44%	8.452%
19	10.822	1480	1485	1488	rBV	178490	258568	12.34%	1.460%
20	11.404	1580	1584	1588	rBV	654465	644860	30.77%	3.640%
21	11.927	1671	1673	1679	rBV2	348855	451075	21.52%	2.546%
22	12.998	1852	1855	1859	rVB	1561326	1405368	67.06%	7.934%

Sum of corrected areas: 17713707

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
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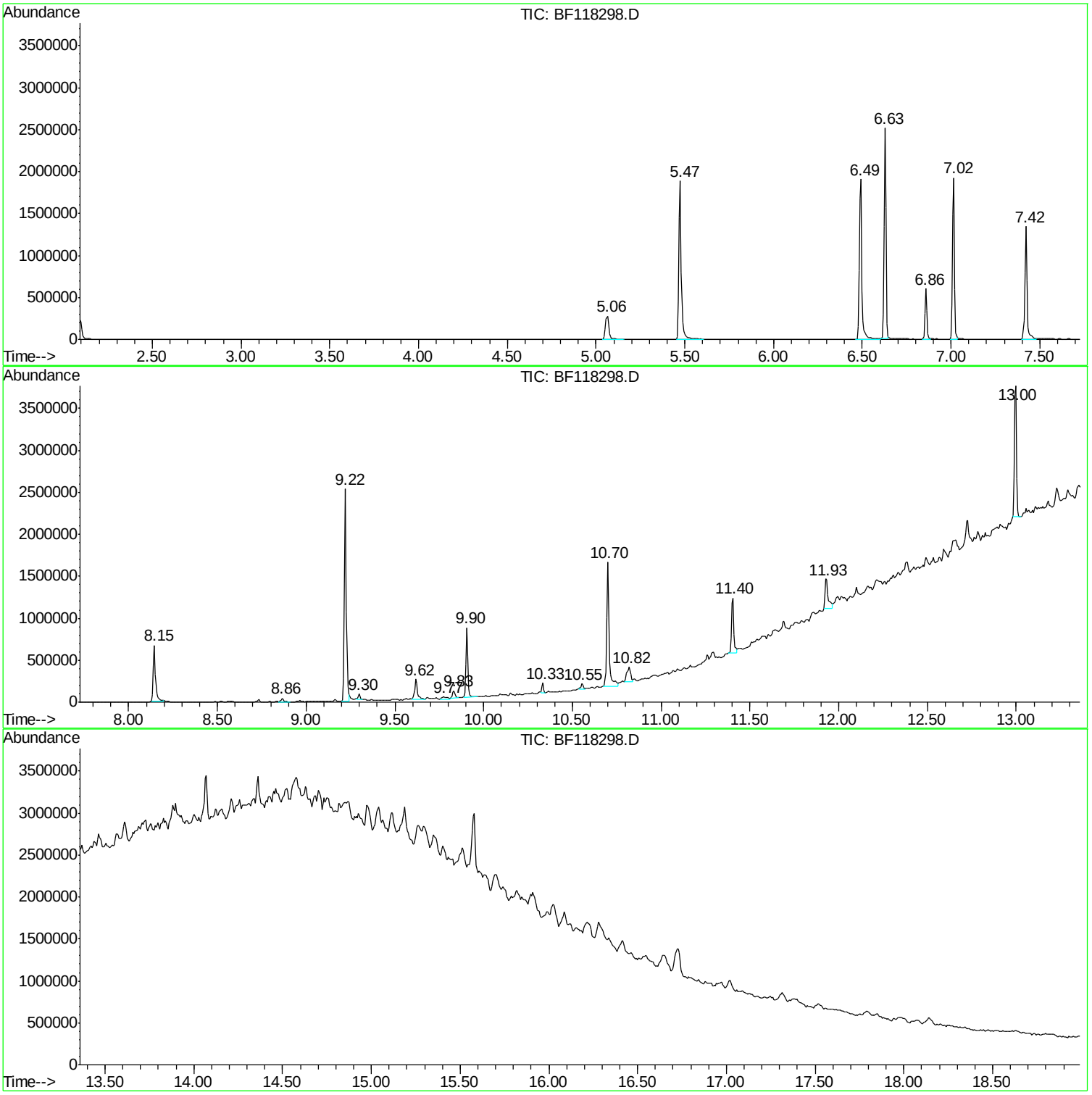
Sample : K6370-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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\BF121919\
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Sample : K6370-01
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ClientSampleId : TP1-3

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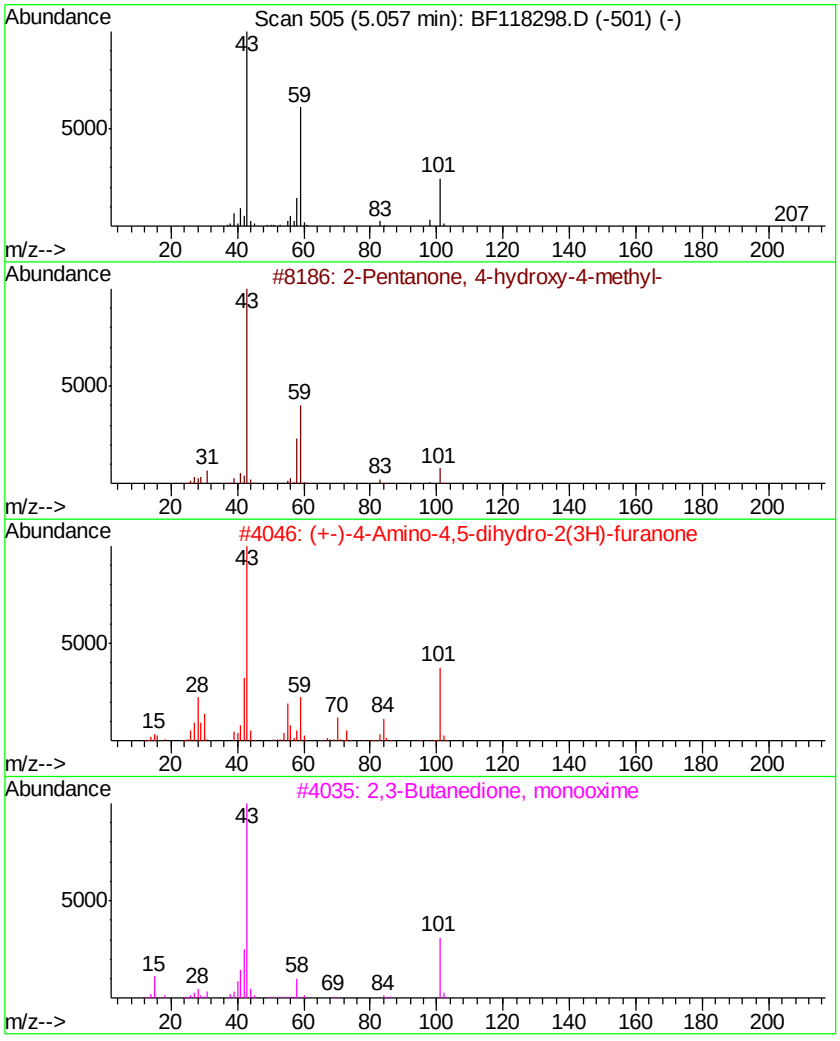
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

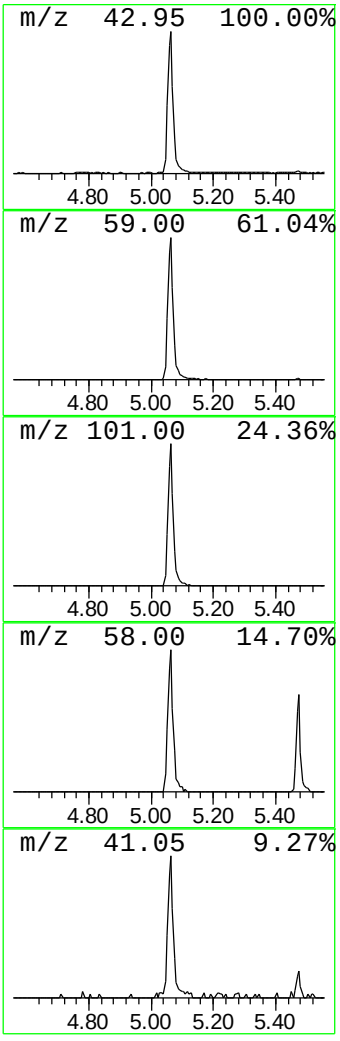
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	14.42 ng	349929	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Operator : JU
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

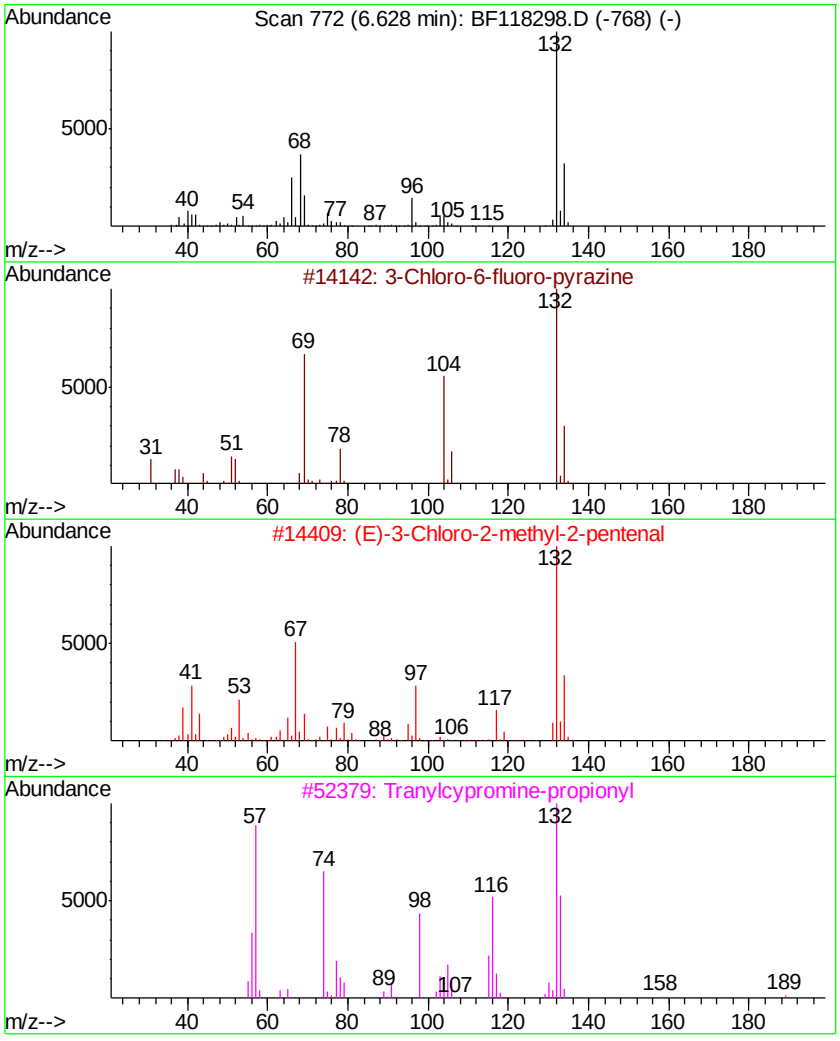
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

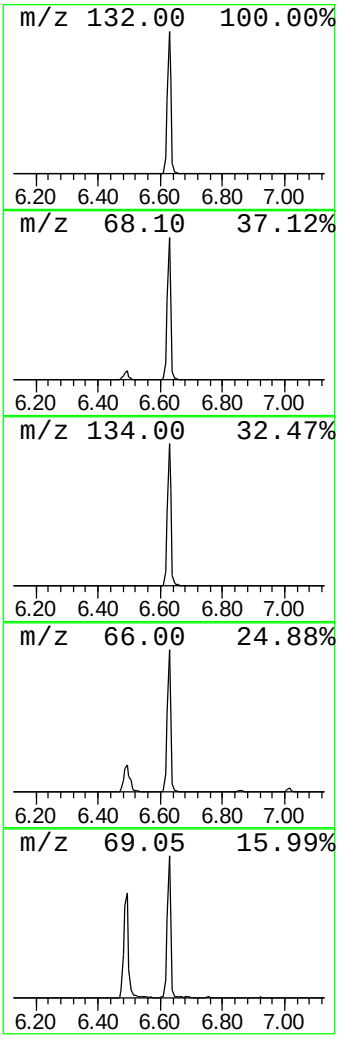
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	86.34 ng	2095680	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Xenon	132	Xe	007440-63-3	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\BF121919\
Data File : BF118298.D
Acq On : 20 Dec 2019 00:03
Operator : JU
Sample : K6370-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

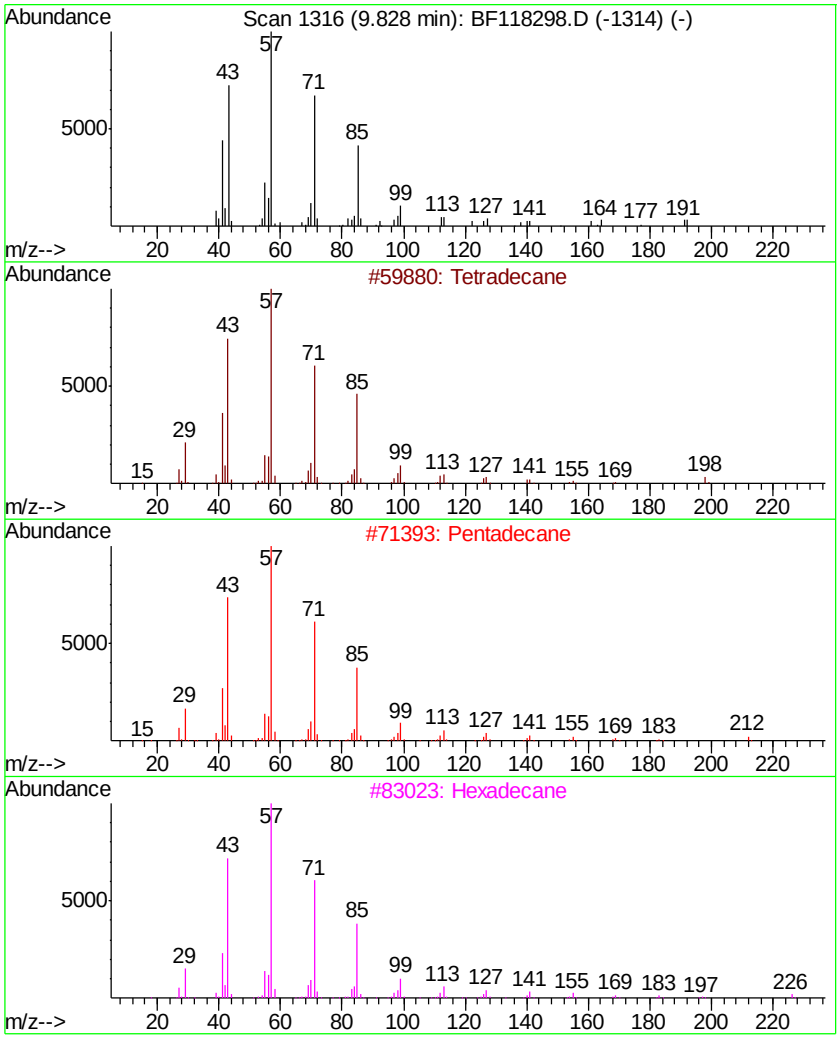
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

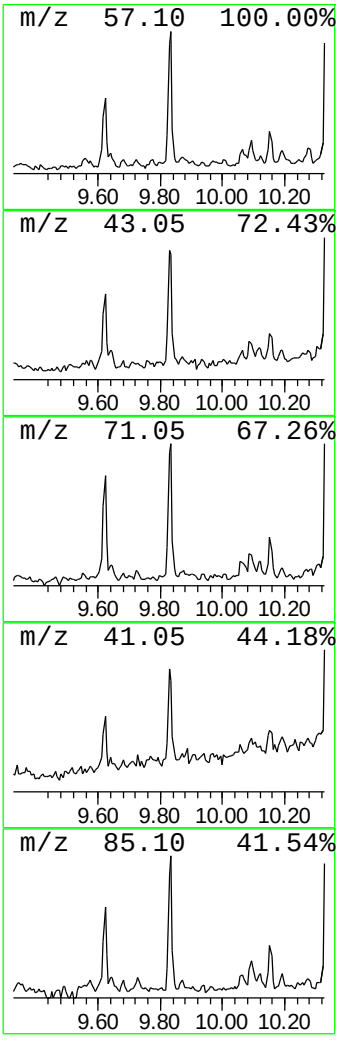
****

Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.25 ng	78358	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Pentadecane	212	C15H32	000629-62-9	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118298.D
Acq On : 20 Dec 2019 00:03
Operator : JU
Sample : K6370-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

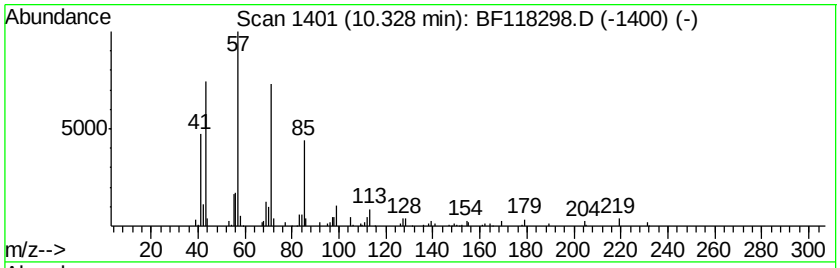
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

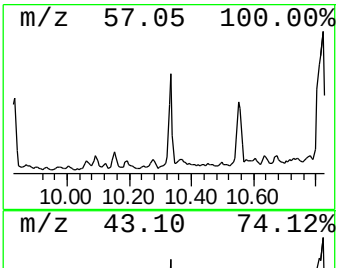
****

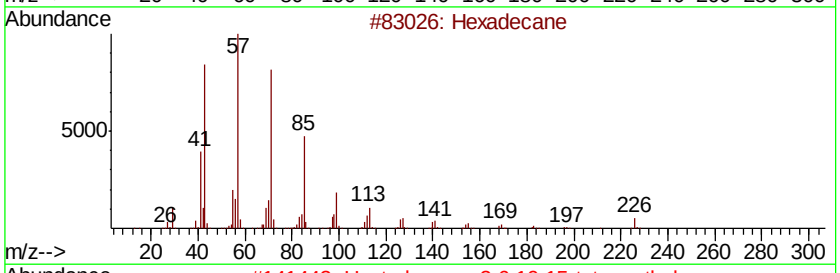
Peak Number 5 Hexadecane Concentration Rank 6

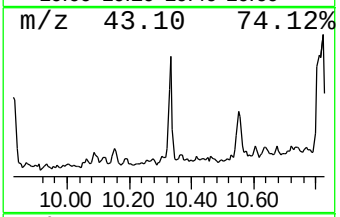
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.28 ng	79371	Acenaphthene-d10	9.90

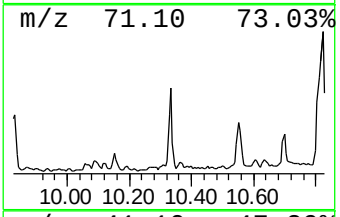
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86

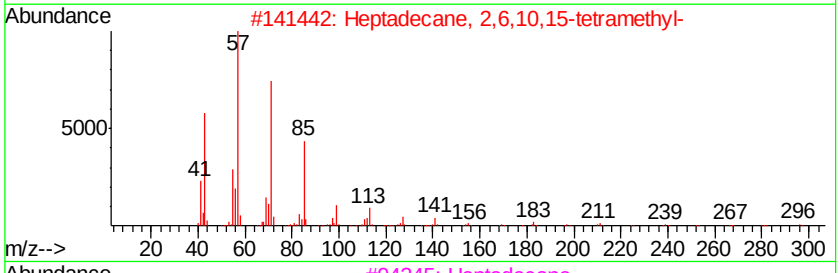


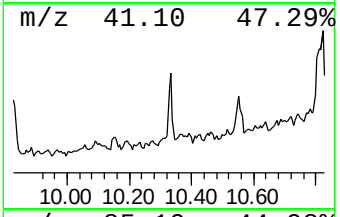


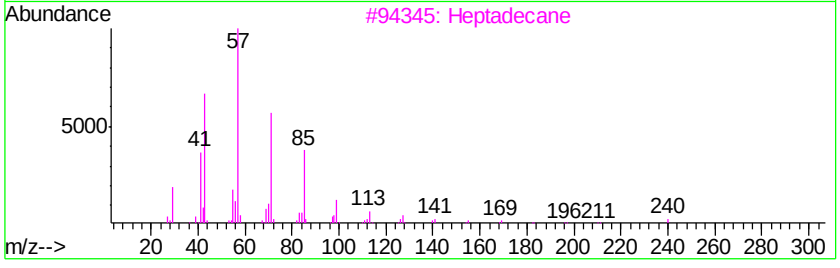


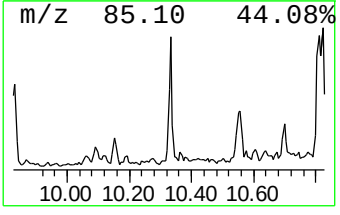












Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

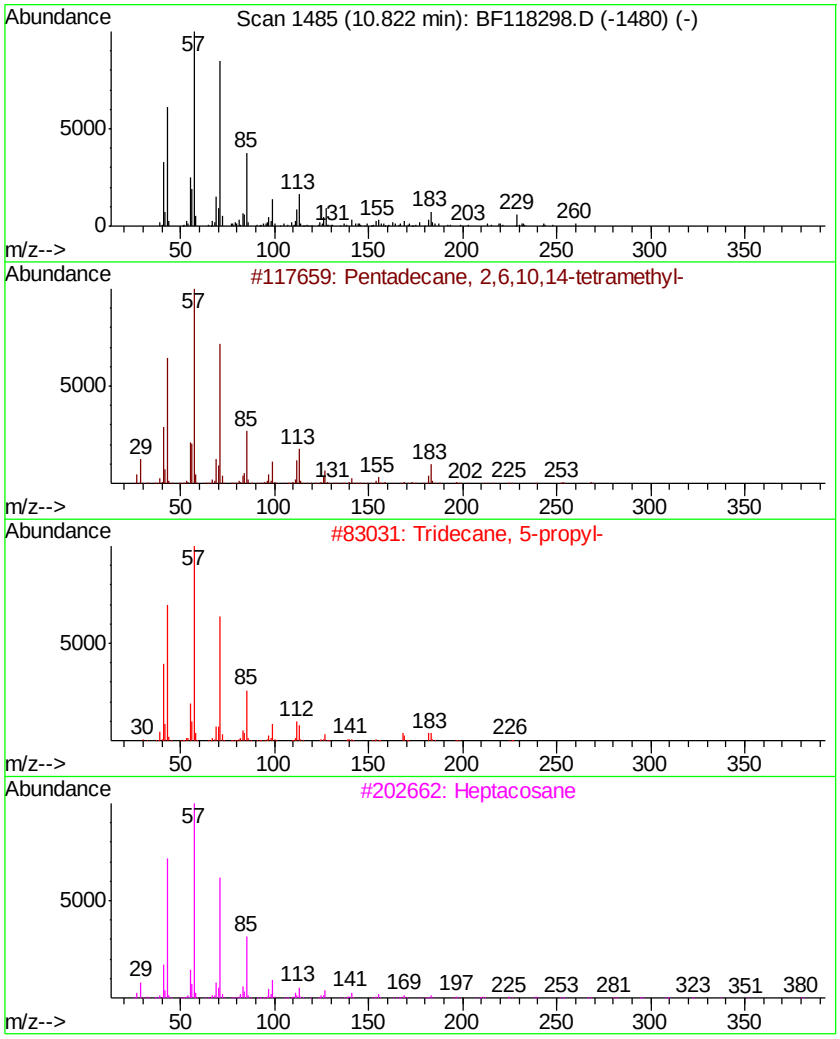
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

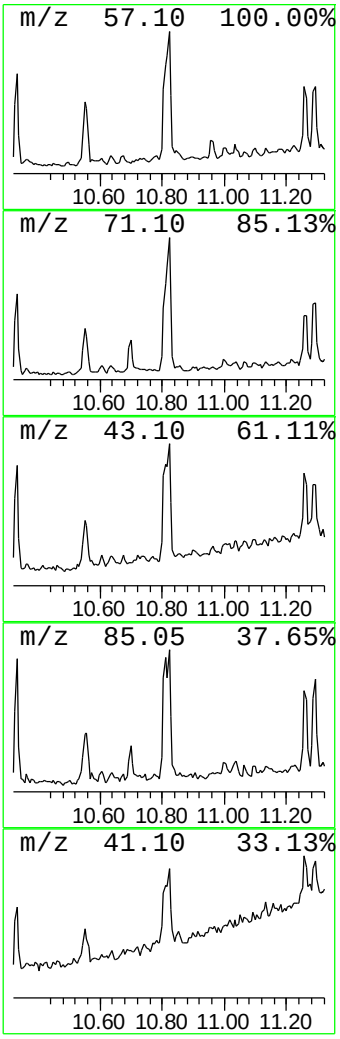
****

Peak Number 6 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	8.02 ng	258568	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	Heptacosane	380	C27H56	000593-49-7	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





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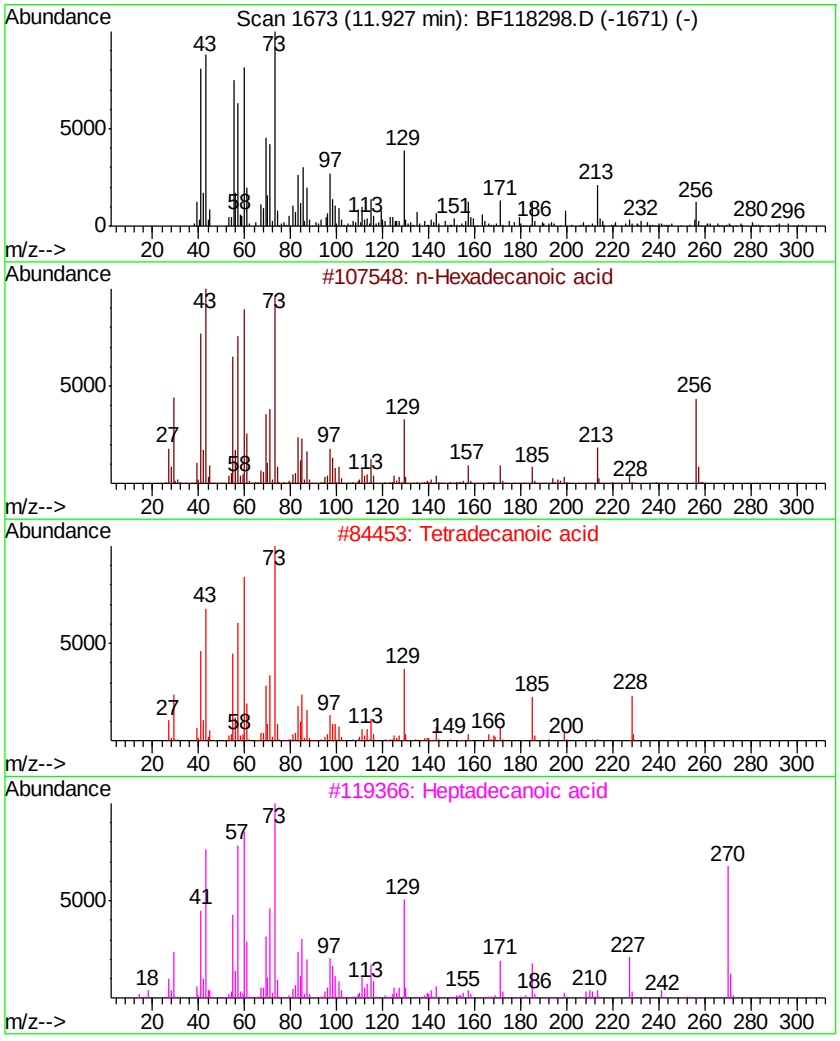
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

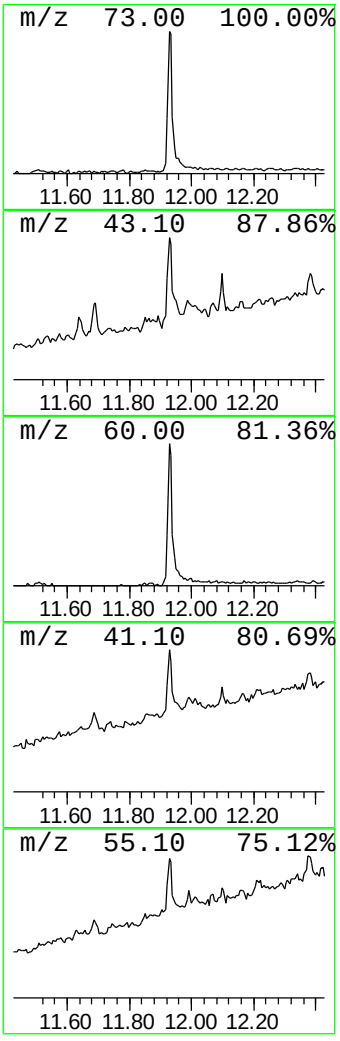
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	13.99 ng	451075	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	14.4	ng	349929	1	6.86	485459	20.0
unknown6.63	6.63	86.3	ng	2095680	1	6.86	485459	20.0
Tetradecane	9.83	2.3	ng	78358	3	9.90	696213	20.0
Hexadecane	10.33	2.3	ng	79371	3	9.90	696213	20.0
Pentadecane, 2,6,...	10.82	8.0	ng	258568	4	11.40	644860	20.0
n-Hexadecanoic acid	11.93	14.0	ng	451075	4	11.40	644860	20.0