LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

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-BF062119.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	4.431	419	424	429	rVB	134512	156482	2.94%	0.312%
2	5.201	549	555	558	rBV	4432691	4447987	83.67%	8.865%
3	6.242	727	732	735	rBV	4286674	4679231	88.02%	9.326%
4	6.266	735	736	742	rVB4	136347	82542	1.55%	0.165%
5	6.372	749	754	757	rBV	4790927	4835560	90.96%	9.638%
6	6.601	789	793	796	rBV	1757516	1383151	26.02%	2.757%
7	6.760	815	820	823	rBV	4071028	3848861	72.40%	7.671%
8	7.160	883	888	891	rBV	3026608	2949368	55.48%	5.878%
9	7.401	926	929	937	rVB	76877	74001	1.39%	0.147%
10	7.878	1006	1010	1014	rBV	1936271	1773699	33.36%	3.535%
11	8.960	1189	1194	1197	rBV	5781912	5316364	100.00%	10.596%
12	9.348	1257	1260	1264	rBV	803552	670530	12.61%	1.336%
13	9.624	1303	1307	1311	rBV2	2373411	2038162	38.34%	4.062%
14	10.407	1436	1440	1443	rBV	3717512	3364179	63.28%	6.705%
15	11.095	1553	1557	1560	rBV	2274452	2071319	38.96%	4.128%
16	11.118	1560	1561	1564	rVV	230581	139059	2.62%	0.277%
17	11.171	1567	1570	1574	rVB	87764	82275	1.55%	0.164%
18	11.648	1648	1651	1658	rBV	682974	639914	12.04%	1.275%
19	11.730	1663	1665	1671	rVB2	57828	64944	1.22%	0.129%
20	11.889	1689	1692	1694	rBV2	150292	134639	2.53%	0.268%
21	12.048	1715	1719	1722	rVB2	161888	142691	2.68%	0.284%
22	12.201	1742	1745	1752	rVB2	105907	103458	1.95%	0.206%
23	12.301	1759	1762	1765	rBV	271327	232835	4.38%	0.464%
24	12.354	1768	1771	1775	rVB	146324	138924	2.61%	0.277%
25	12.430	1781	1784	1790	rBV2	203659	252569	4.75%	0.503%
26	12.524	1796	1800	1802	rBV	260049	248221	4.67%	0.495%
27	12.595	1807	1812	1818	rVB3	99434	145274	2.73%	0.290%
28	12.683	1822	1827	1830	rVV	5516843	4991859	93.90%	9.949%
29	12.813	1847	1849	1853	rVB	388768	333743	6.28%	0.665%
30	13.148	1903	1906	1908	rBV	114069	107301	2.02%	0.214%
31	13.189	1910	1913	1916	rVB	390066	336173	6.32%	0.670%
32	13.630	1981	1988	1998	rBV3	217125	808068	15.20%	1.611%
33	13.718	1998	2003	2006	rBV	1847811	1884320	35.44%	3.756%
34	13.918	2035	2037	2039	rBV2	100293	78244	1.47%	0.156%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.512	2136	2138	2142	rBV2	197942	189307	3.56%	0.377%
36	14.812	2187	2189	2193	rVB	210926	193711	3.64%	0.386%
37	15.077	2230	2234	2239	rBV	1062783	1234325	23.22%	2.460%

Sum of corrected areas: 50173290

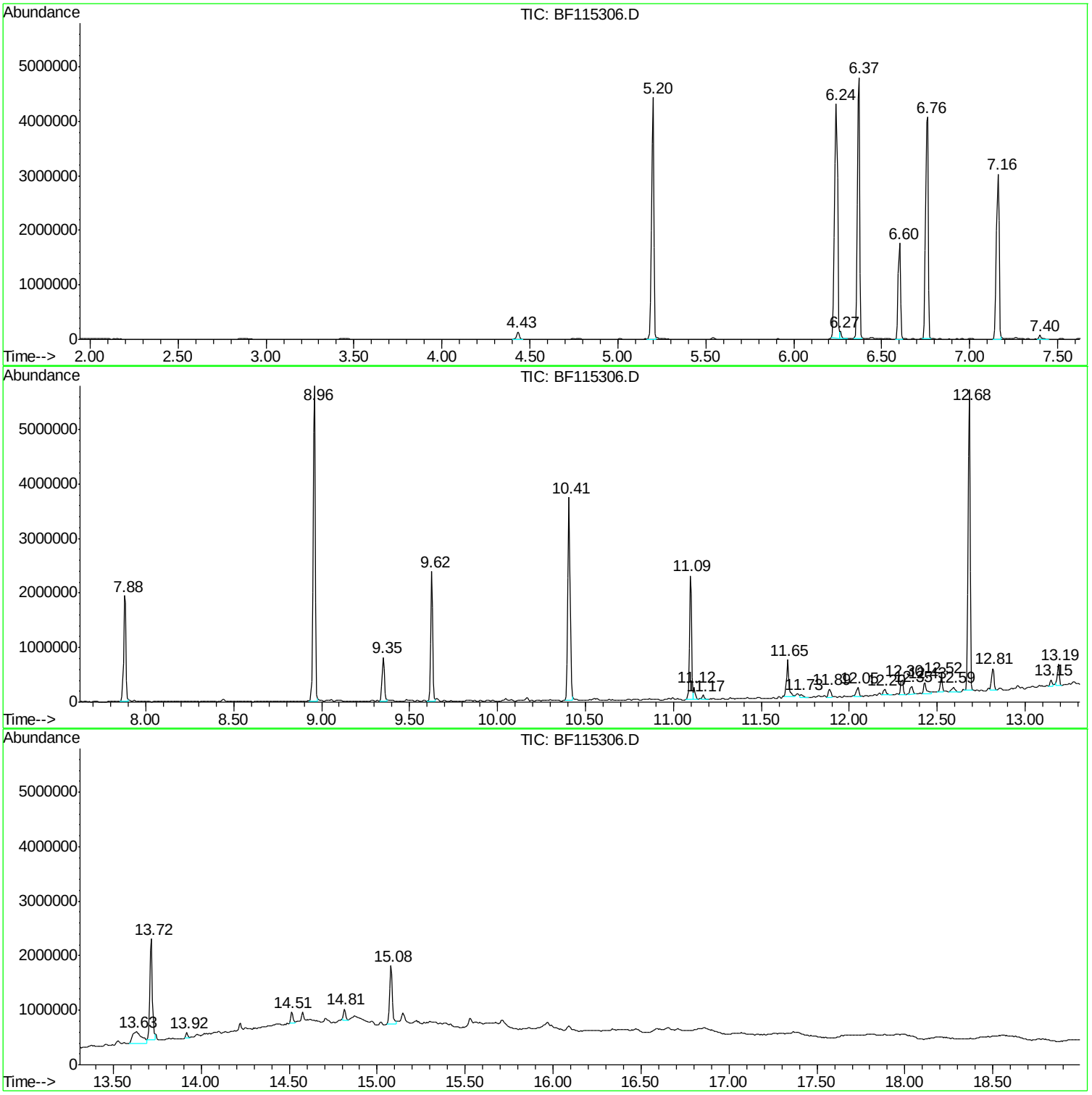
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

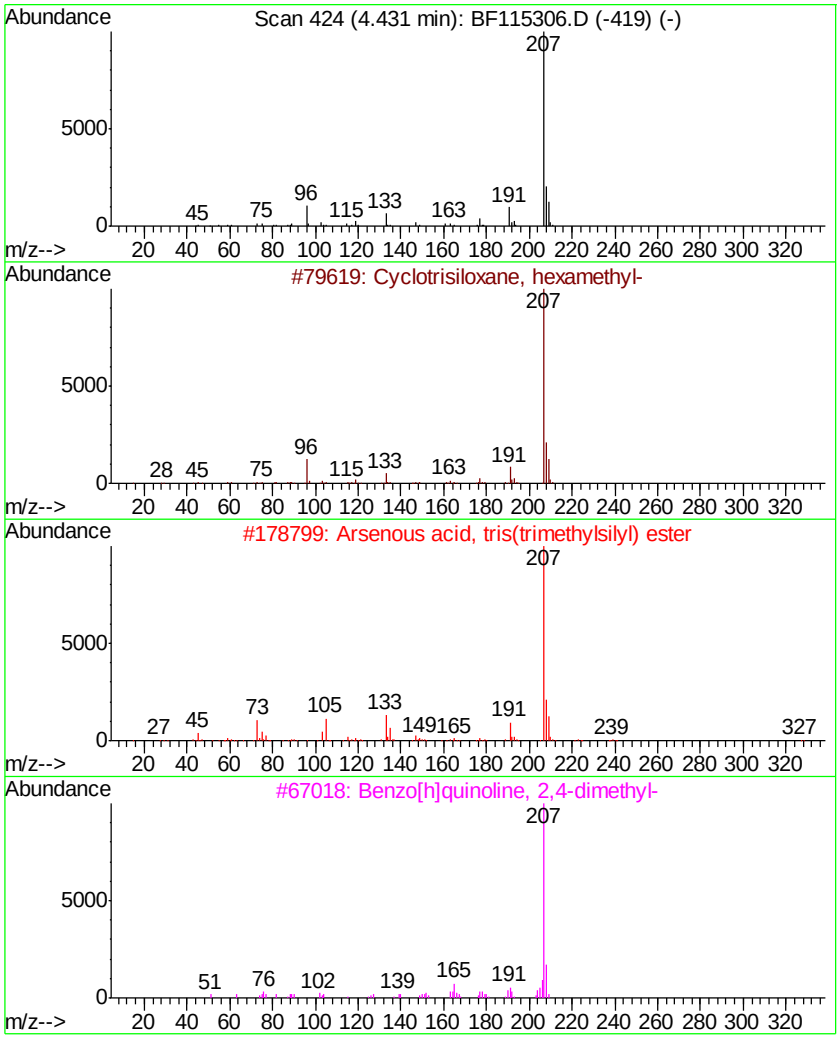
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

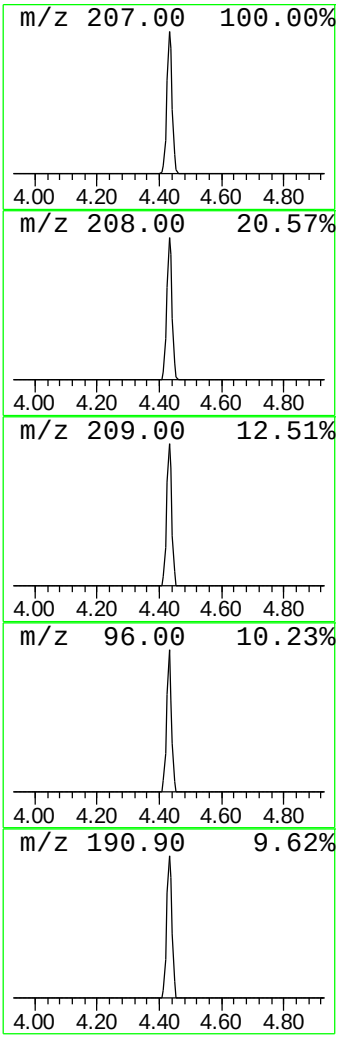
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	2.26 ng	156482	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	56
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	45
4	4-Cyclohexene-1,2-dicarboximide,...	207	C12H17NO2	028916-00-9	42
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

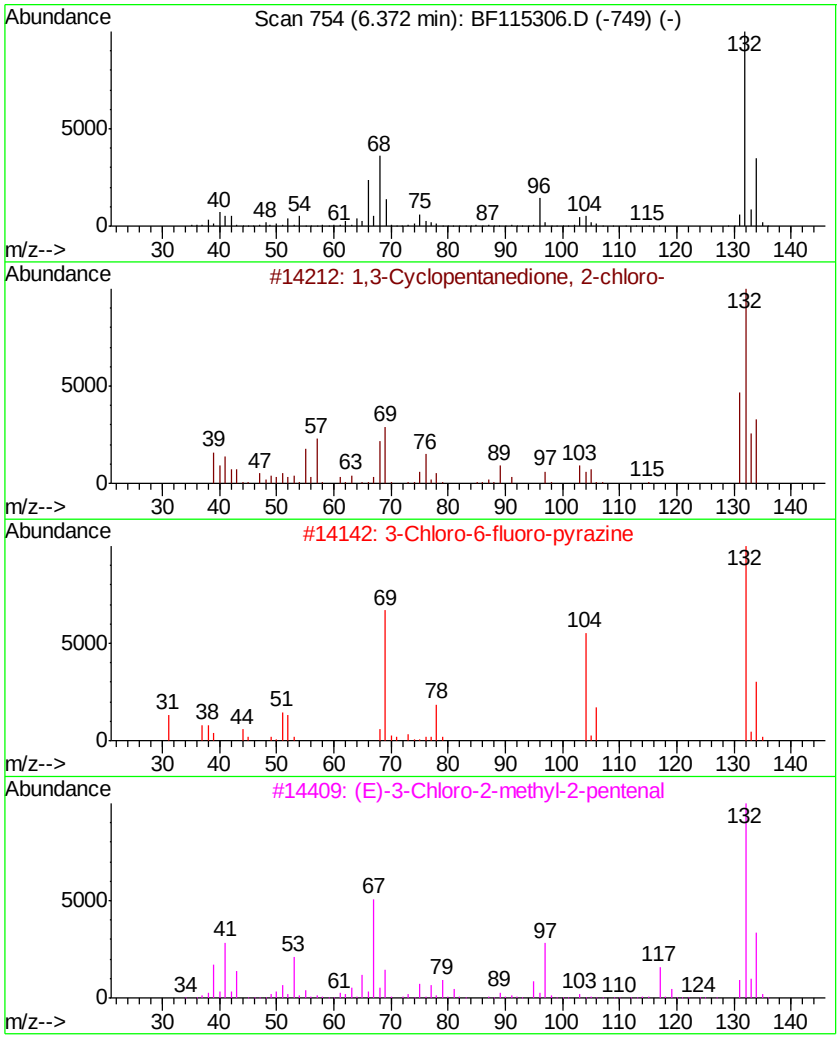
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

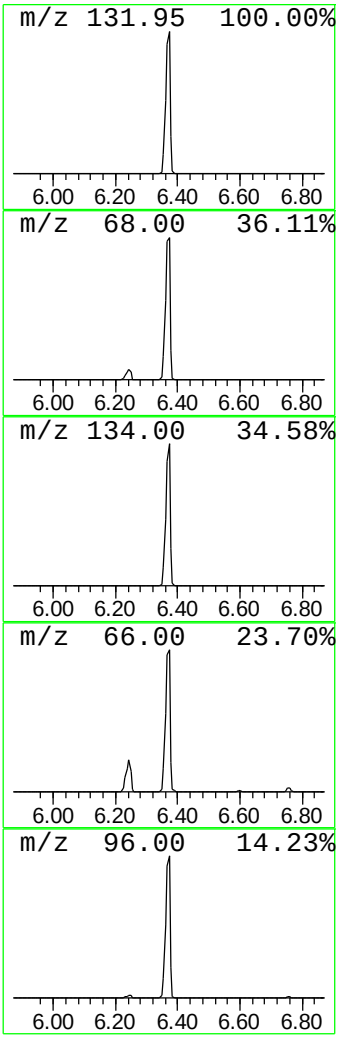
****

Peak Number 2 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	69.92 ng	4835560	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

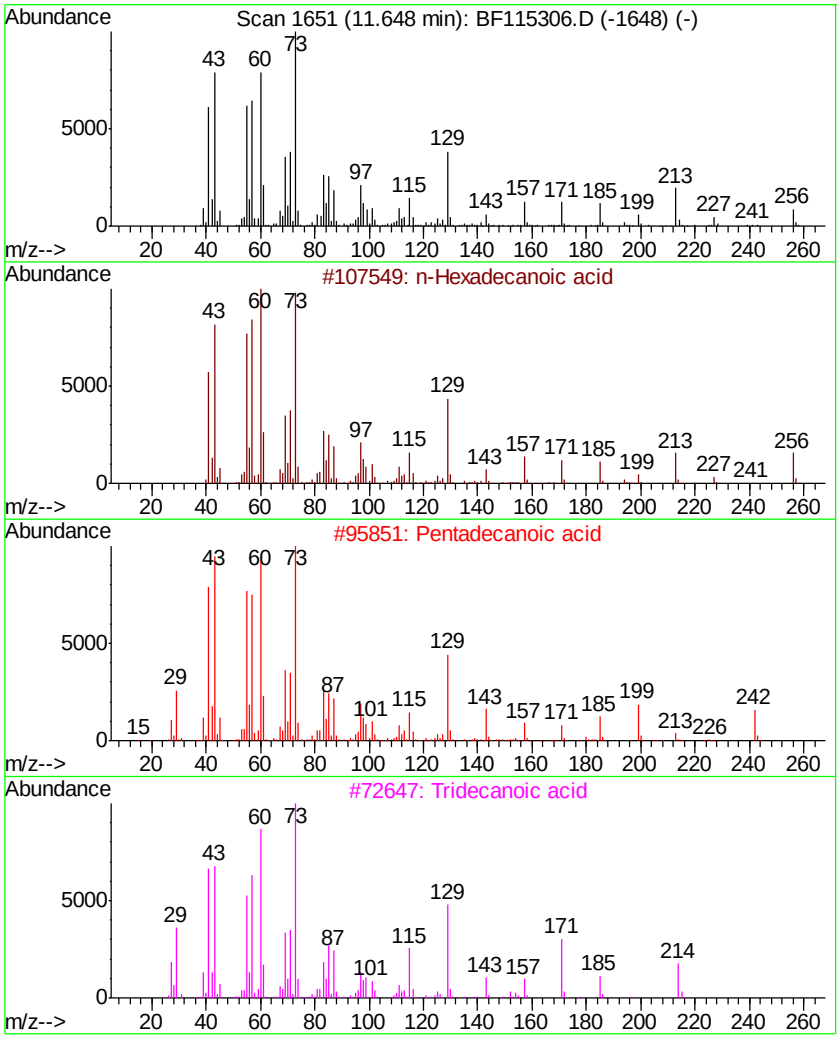
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

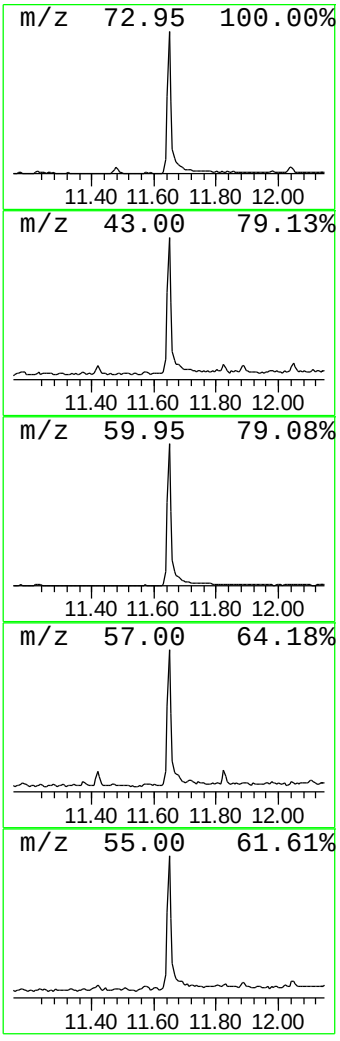
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	6.18 ng	639914	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

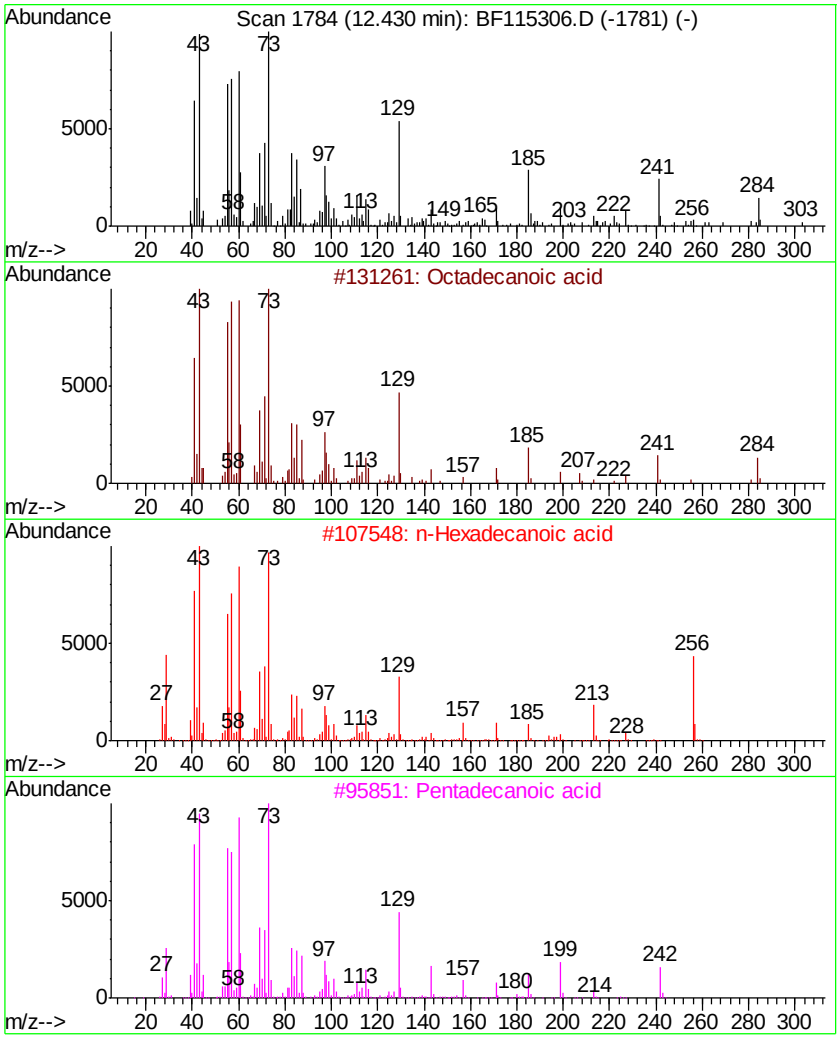
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

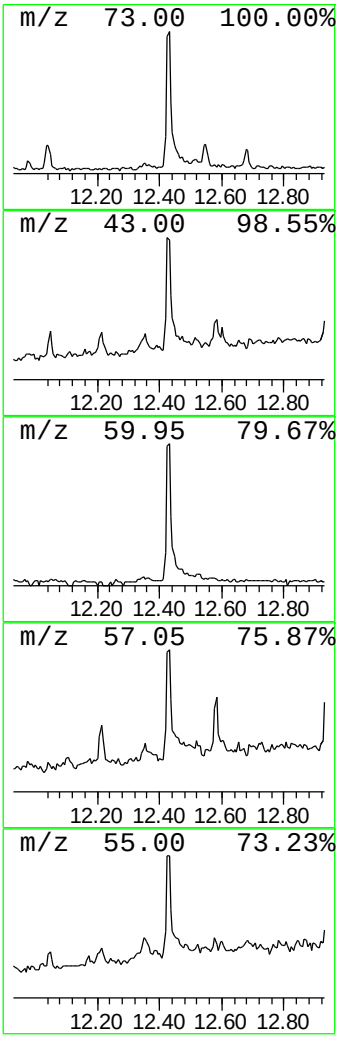
****

Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.68 ng	252569	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

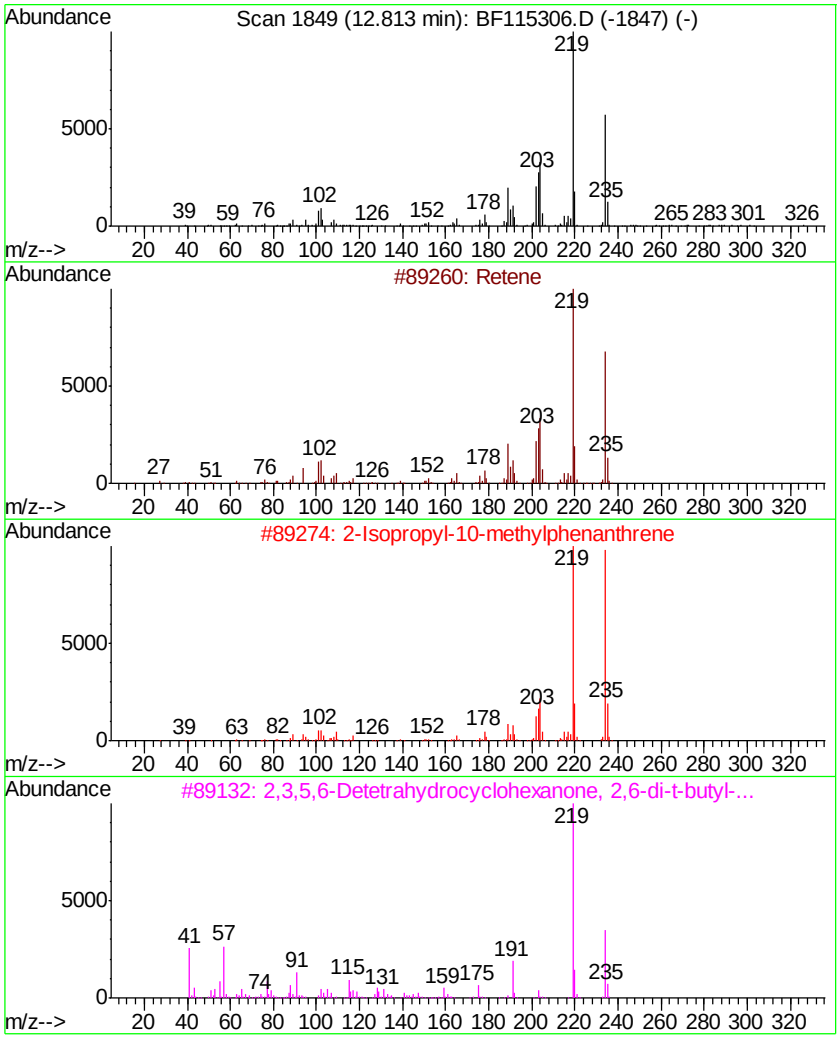
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

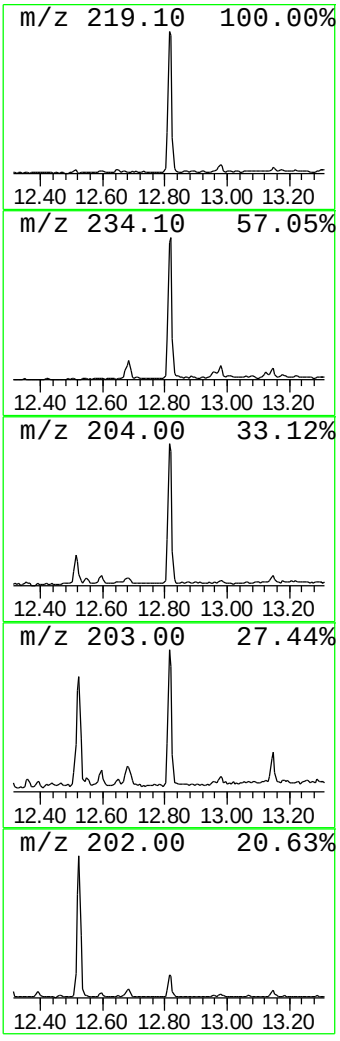
****

Peak Number 6 Retene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	3.54 ng	333743	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	2,3,5,6-Detetrahydrocyclohexanon...	234	C15H22O2	101100-38-3	50
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50
5	3-Isopropylamino-6-methyl-6,7-di...	234	C13H18N2O2	145220-69-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
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Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

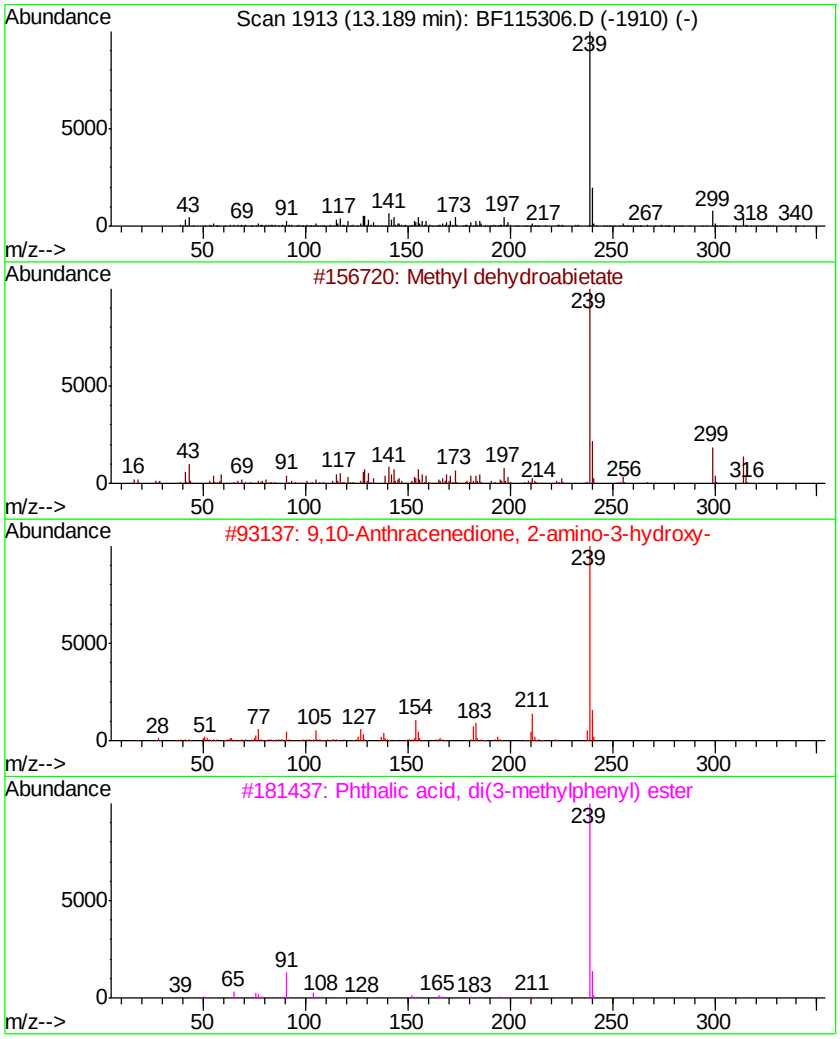
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

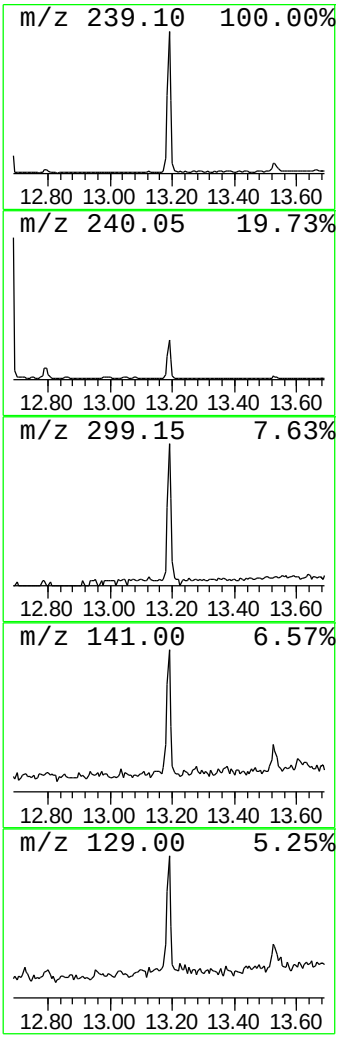
****

Peak Number 7 Methyl dehydroabietate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.57 ng	336173	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	83
2	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	64
3	Phthalic acid, di(3-methylphenyl...	346	C22H18O4	1000315-37-3	59
4	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	50
5	Phthalic acid, 4-methoxyphenyl 2...	362	C22H18O5	1000315-59-5	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
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Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

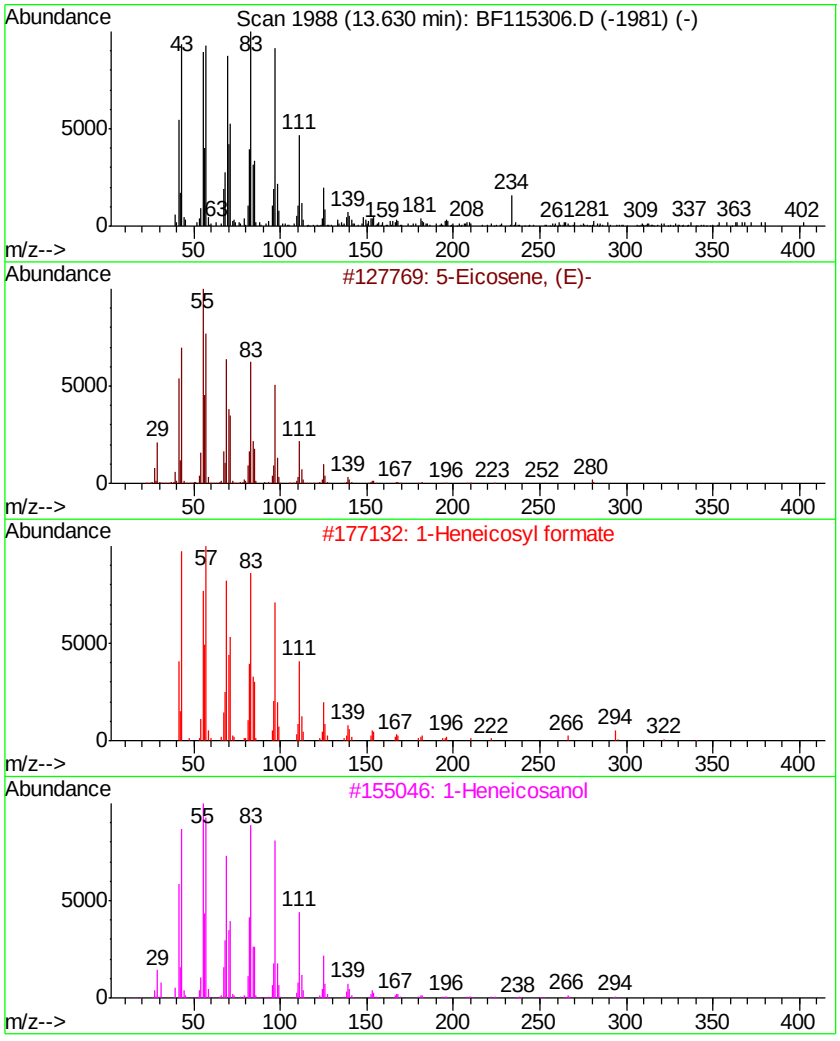
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

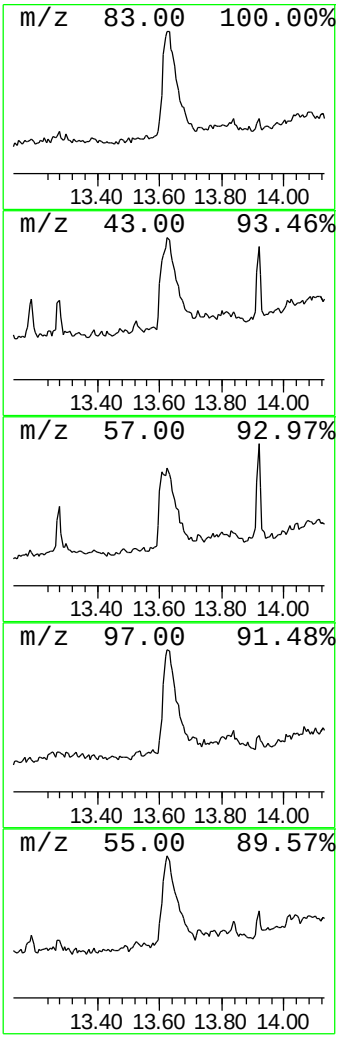
****

Peak Number 8 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	8.58 ng	808068	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

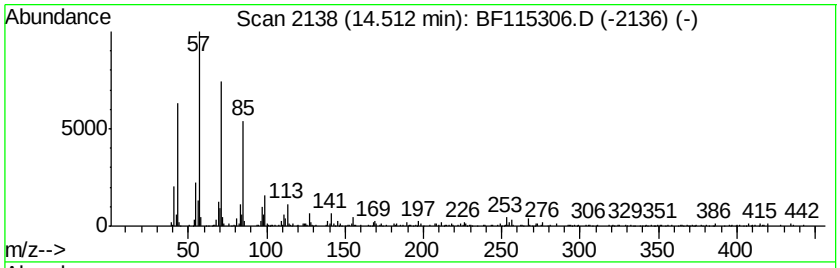
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

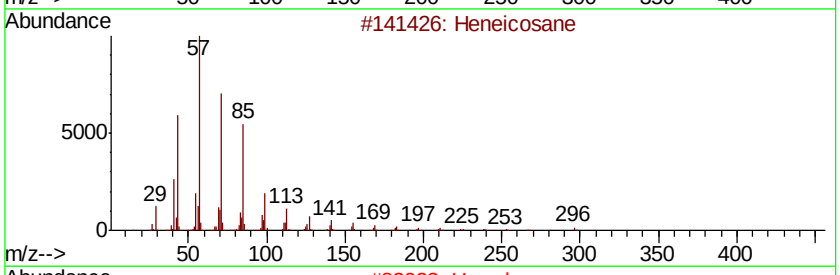
****

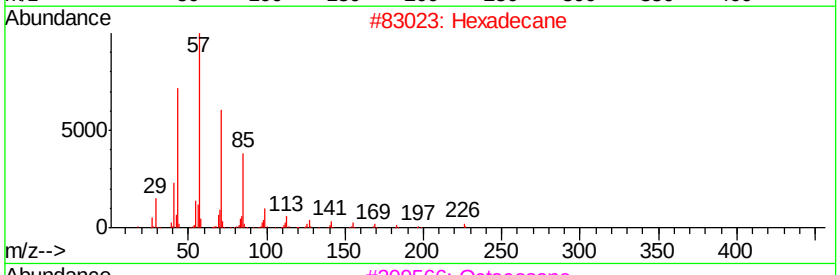
Peak Number 9 Heneicosane Concentration Rank 8

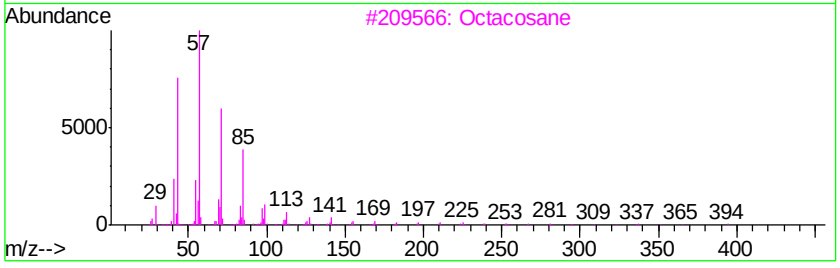
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.07 ng	189307	Perylene-d12	15.08

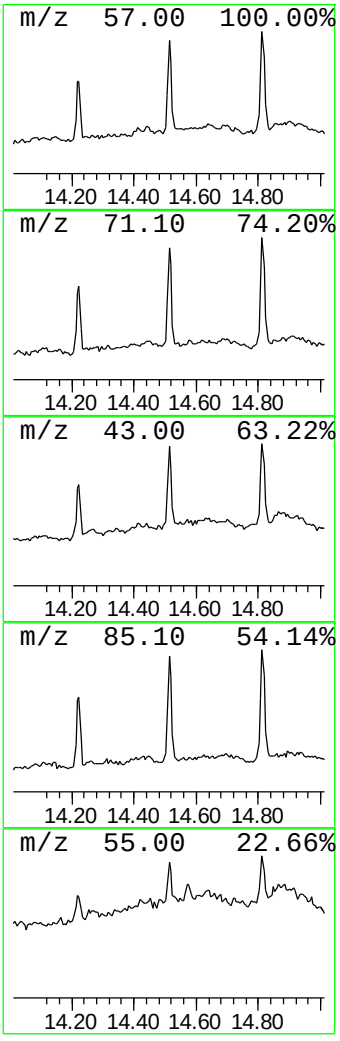
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Pentacosane	352	C25H52	000629-99-2	91











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

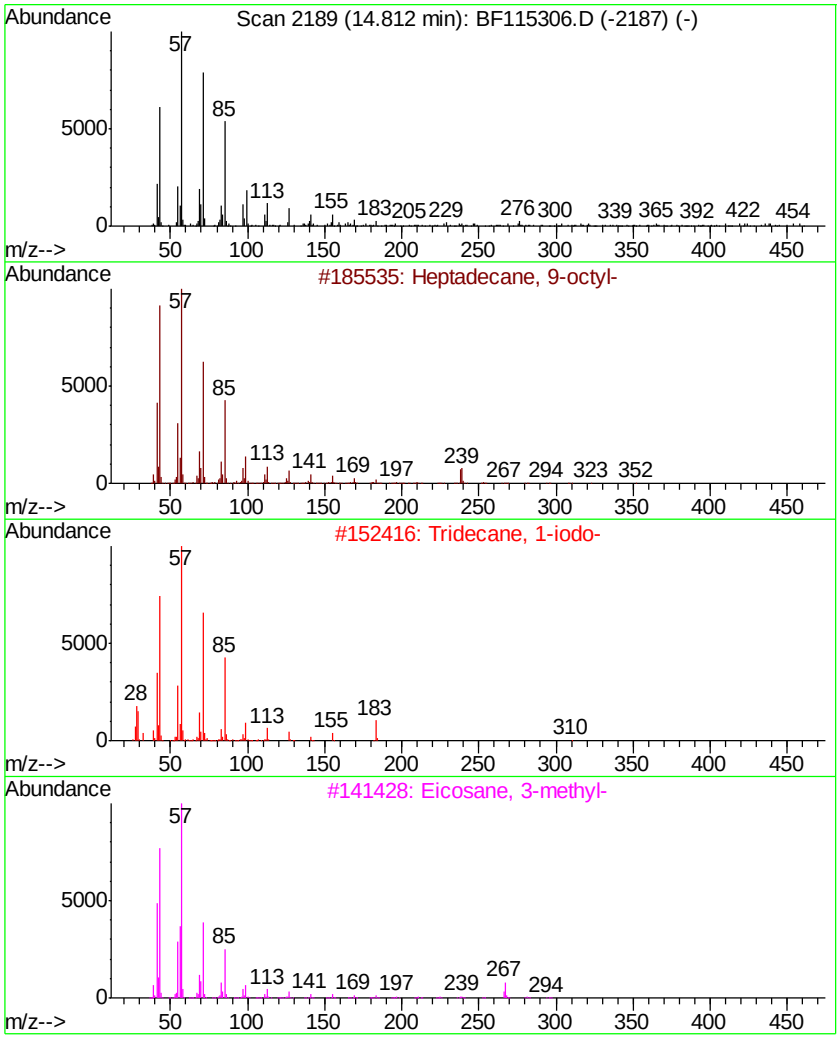
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

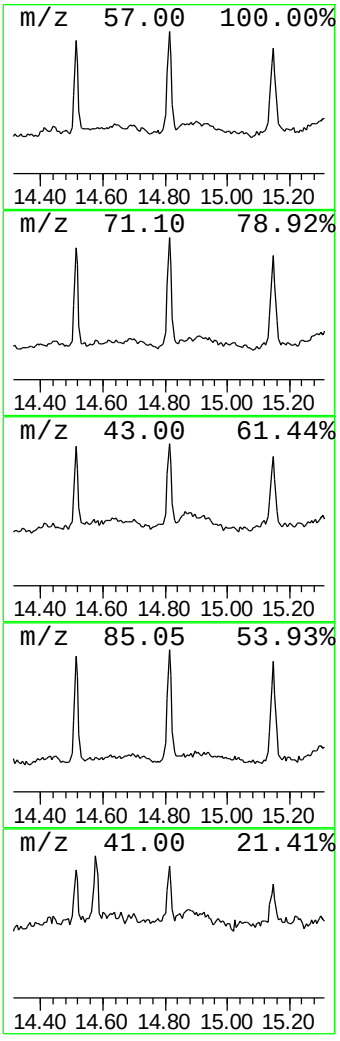
****

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.14 ng	193711	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Eicosane, 3-methyl-	296	C21H44	006418-46-8	87
4	Heptadecane	240	C17H36	000629-78-7	83
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\
Data File : BF115306.D
Acq On : 29 Jun 2019 2:21
Operator : HP/JU
Sample : K3531-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
Cyclotrisiloxane,...	4.43	2.3	ng	156482	1	6.60	1383150	20.0
unknown6.37	6.37	69.9	ng	4835560	1	6.60	1383150	20.0
n-Hexadecanoic acid	11.65	6.2	ng	639914	4	11.10	2071320	20.0
Octadecanoic acid	12.43	2.7	ng	252569	5	13.72	1884320	20.0
Retene	12.81	3.5	ng	333743	5	13.72	1884320	20.0
Methyl dehydroabi...	13.19	3.6	ng	336173	5	13.72	1884320	20.0
5-Eicosene, (E)-	13.63	8.6	ng	808068	5	13.72	1884320	20.0
Heneicosane	14.51	3.1	ng	189307	6	15.08	1234330	20.0
Heptadecane, 9-oc...	14.81	3.1	ng	193711	6	15.08	1234330	20.0