LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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	4.454	423	428	434	rVB	665880	797869	8.75%	1.225%
2	4.784	480	484	492	rVB	66214	93340	1.02%	0.143%
3	5.207	551	556	560	rBV	3406291	3620744	39.70%	5.558%
4	6.242	728	732	735	rBV	2648006	2452697	26.89%	3.765%
5	6.278	735	738	742	rVB	567111	461561	5.06%	0.708%
6	6.378	750	755	758	rBV	5871747	6011158	65.91%	9.227%
7	6.607	791	794	798	rBV	1906883	1656724	18.17%	2.543%
8	6.766	817	821	825	rBV	5807587	5625121	61.68%	8.634%
9	7.172	884	890	893	rBV	4207209	4645698	50.94%	7.131%
10	7.278	902	908	911	rBV	76786	91921	1.01%	0.141%
11	7.413	926	931	936	rVB	313731	295256	3.24%	0.453%
12	7.889	1008	1012	1015	rBV	2502044	2087433	22.89%	3.204%
13	8.066	1037	1042	1057	rBV3	51337	171926	1.89%	0.264%
14	8.454	1104	1108	1111	rBV	184958	157381	1.73%	0.242%
15	8.883	1174	1181	1190	rBV2	41644	103911	1.14%	0.159%
16	8.972	1190	1196	1199	rBV	7903174	8118079	89.02%	12.461%
17	9.372	1259	1264	1268	rVB2	126577	159119	1.74%	0.244%
18	9.636	1304	1309	1313	rBV	2610748	2448321	26.85%	3.758%
19	10.419	1437	1442	1445	rBV	5102602	5141468	56.38%	7.892%
20	11.107	1555	1559	1562	rBV	3117263	2637660	28.92%	4.049%
21	11.660	1649	1653	1660	rBV	540502	571782	6.27%	0.878%
22	12.371	1770	1774	1778	rVB	456696	430171	4.72%	0.660%
23	12.442	1782	1786	1794	rBV	422585	484177	5.31%	0.743%
24	12.524	1797	1800	1804	rBV	1894008	1653920	18.14%	2.539%
25	12.595	1809	1812	1820	rVB	94859	114895	1.26%	0.176%
26	12.695	1824	1829	1832	rBV	7603340	9119595	100.00%	13.998%
27	12.736	1832	1836	1840	rVB	368951	342871	3.76%	0.526%
28	13.665	1990	1994	2000	rBV	84294	149051	1.63%	0.229%
29	13.724	2000	2004	2014	rVV	2625099	2473085	27.12%	3.796%
30	14.530	2138	2141	2145	rBV	145876	140729	1.54%	0.216%
31	14.830	2188	2192	2200	rVB	168182	182271	2.00%	0.280%
32	15.089	2231	2236	2245	rBV	1682479	2114968	23.19%	3.246%
33	15.165	2245	2249	2256	rVB	189066	244659	2.68%	0.376%
34	15.542	2309	2313	2319	rVB	133063	191209	2.10%	0.293%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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	15.983	2384	2388	2400	rVB2	80664	158262	1.74%	0.243%

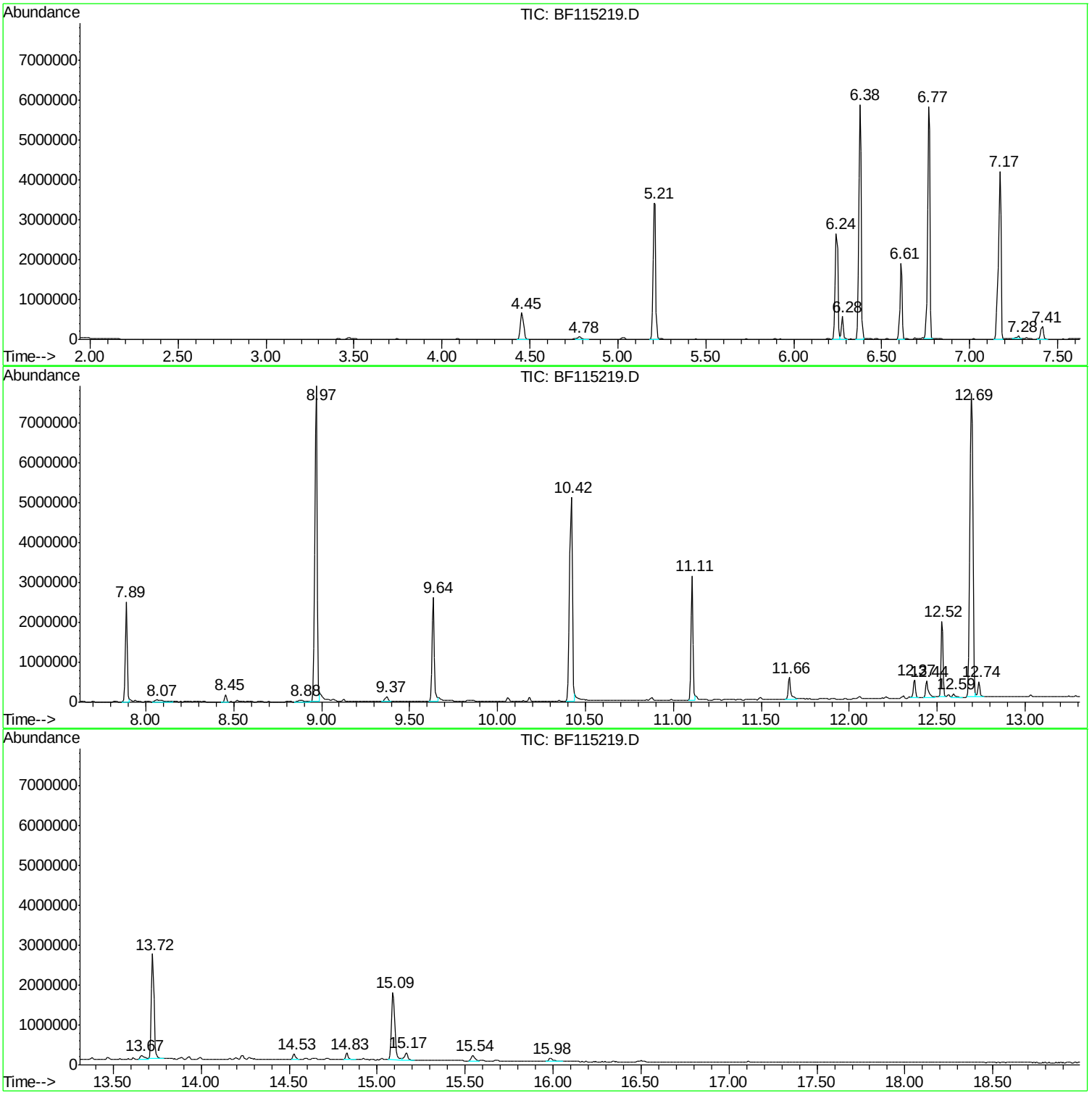
Sum of corrected areas: 65149032

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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

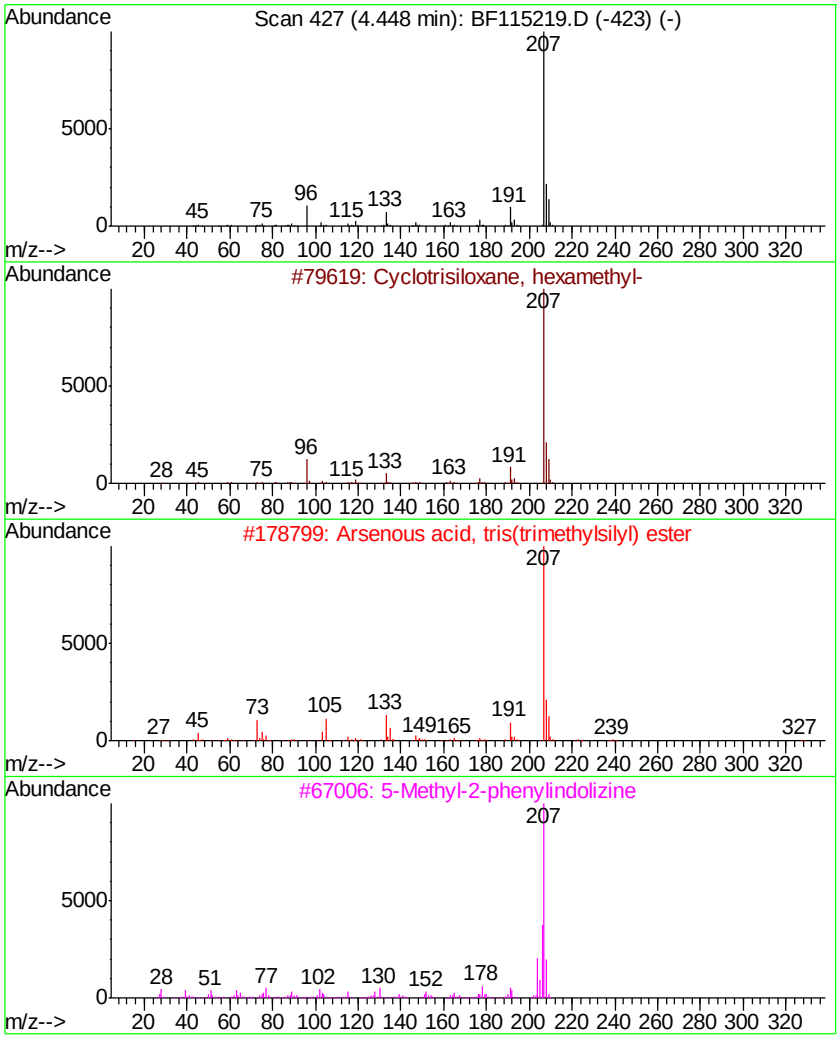
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

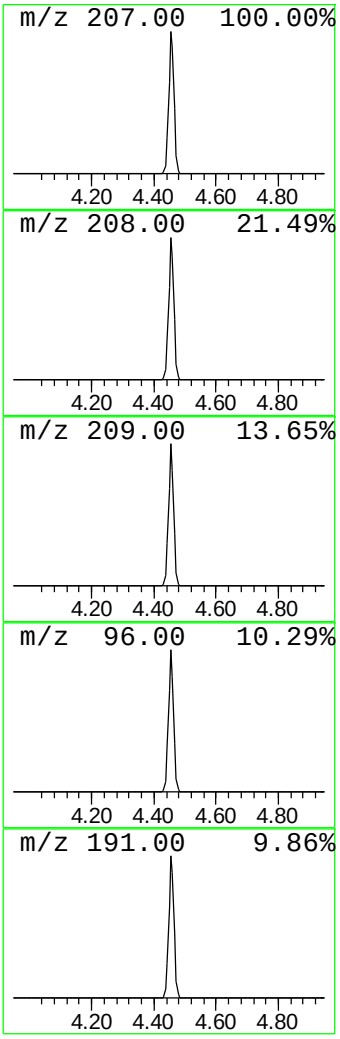
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	9.63 ng	797869	1,4-Dichlorobenzene-d4	6.61

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	78
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
5	1H-Indole, 6-methyl-2-phenyl-	207	C15H13N	066354-87-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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

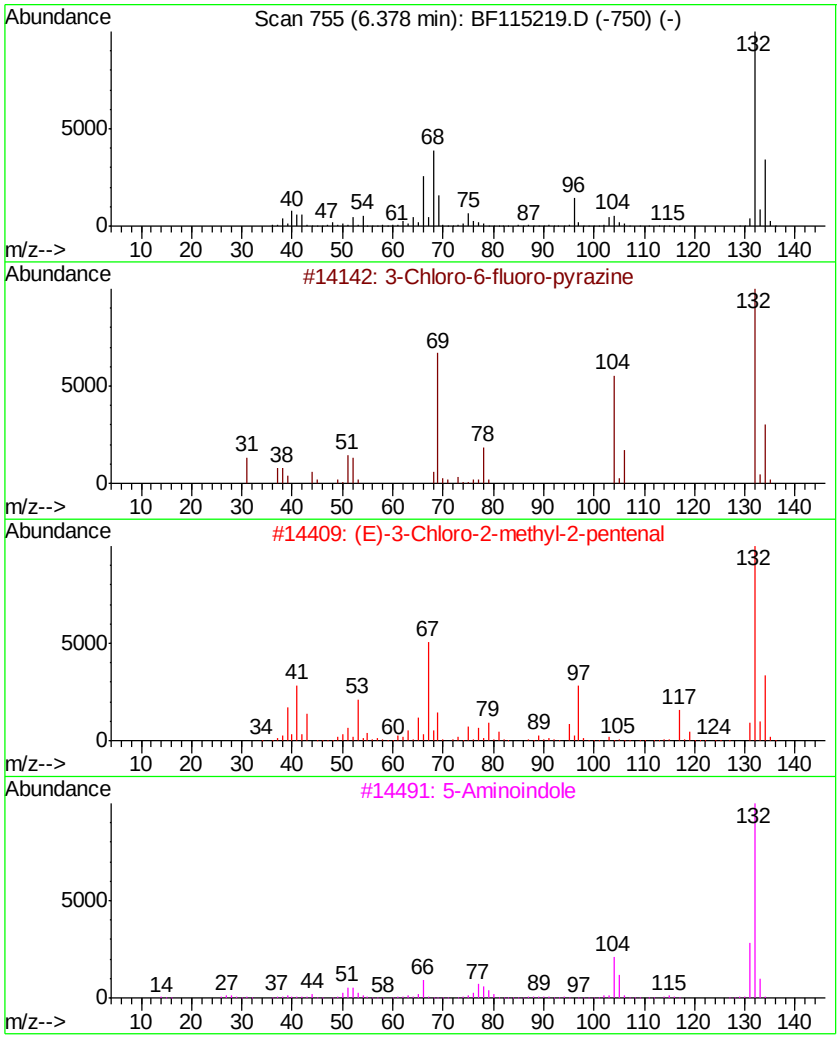
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

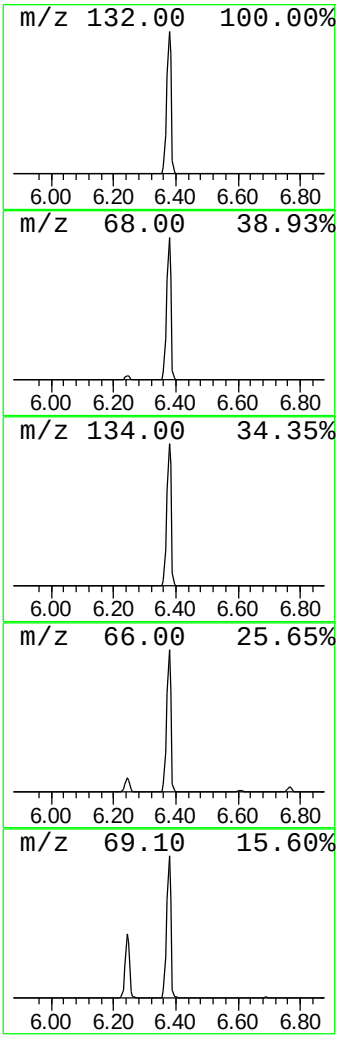
****

Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	72.57 ng	6011160	1,4-Dichlorobenzene-d4	6.61

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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

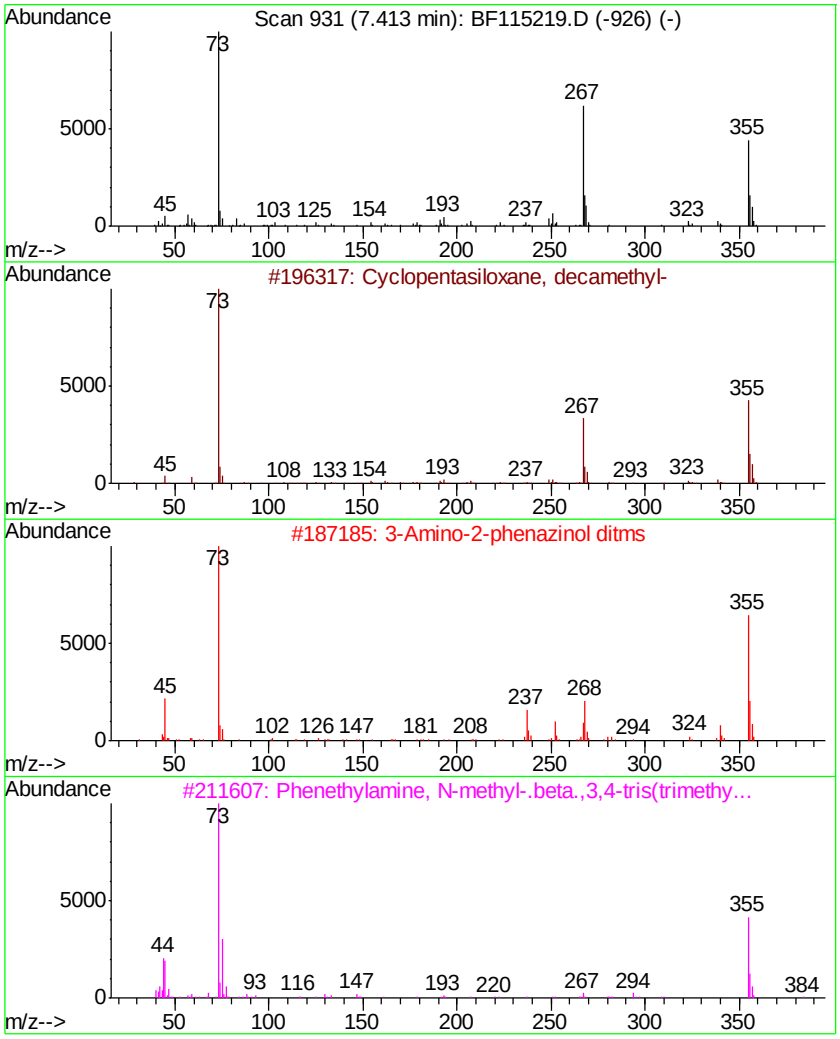
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

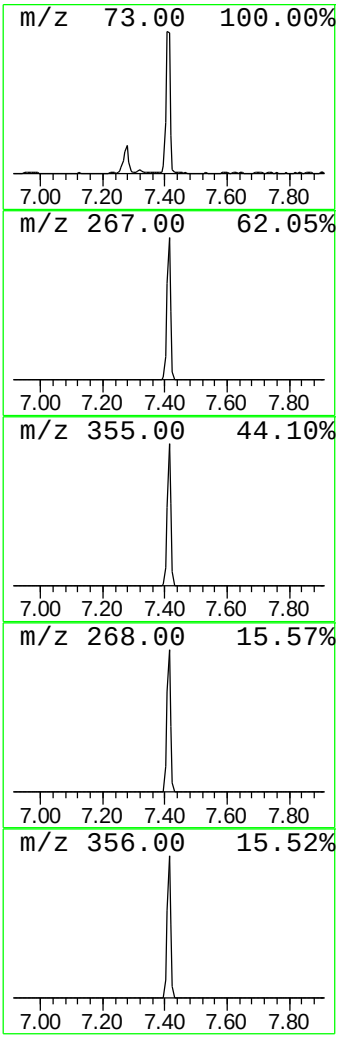
****

Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	2.83 ng	295256	Naphthalene-d8	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	81
2	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	52
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	43
4	m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	43
5	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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

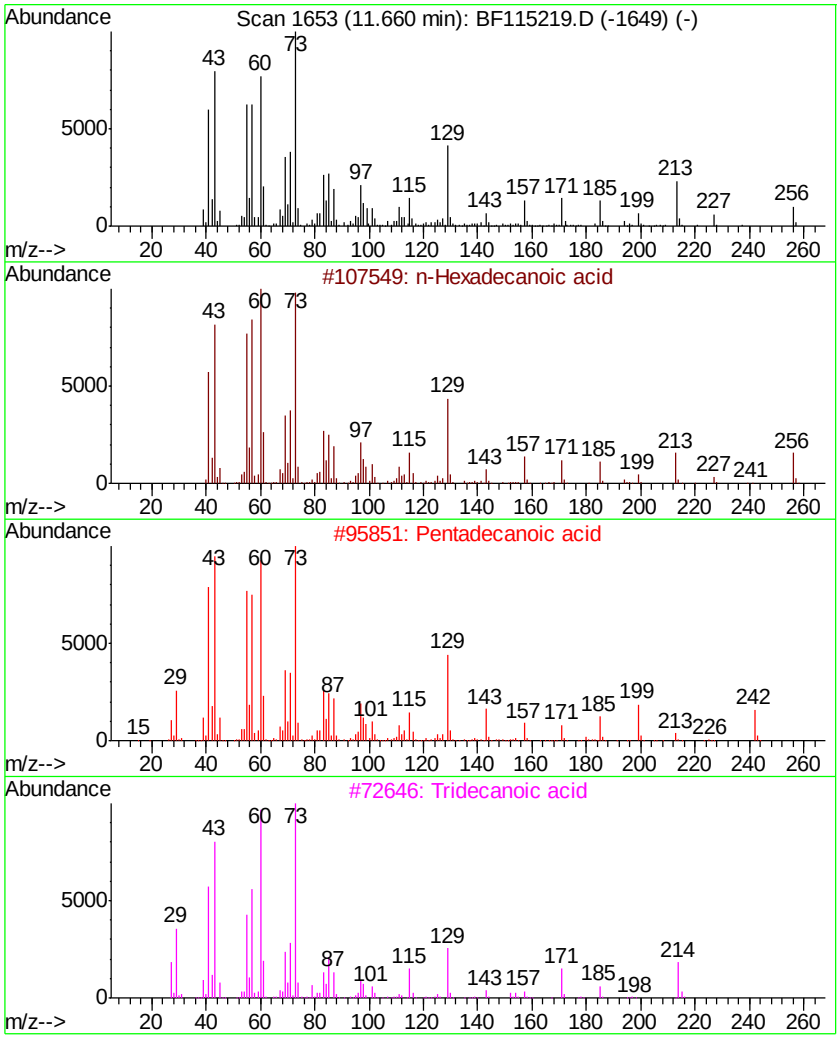
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

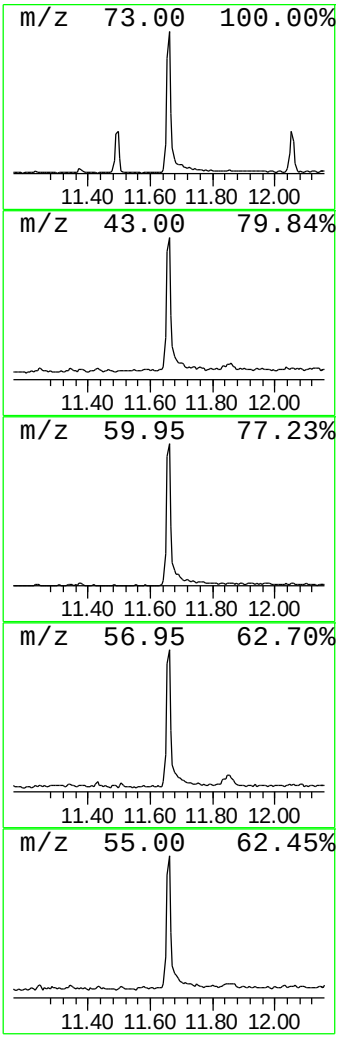
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	4.34 ng	571782	Phenanthrene-d10	11.11

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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

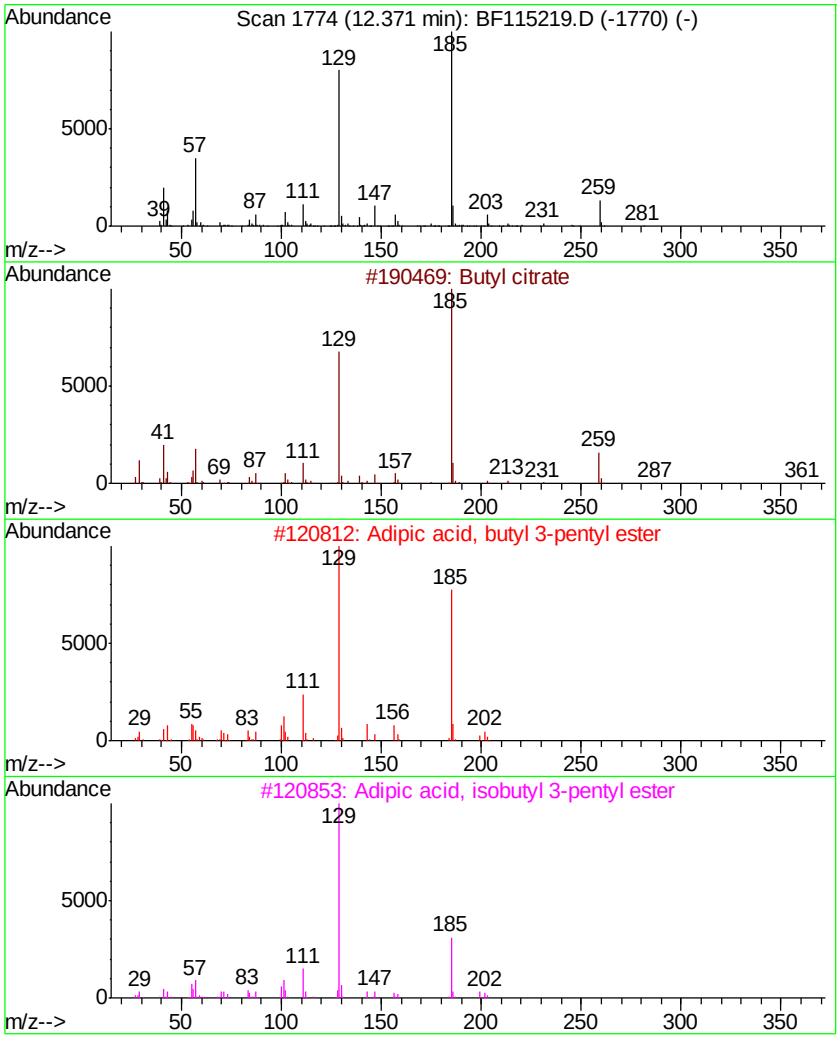
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

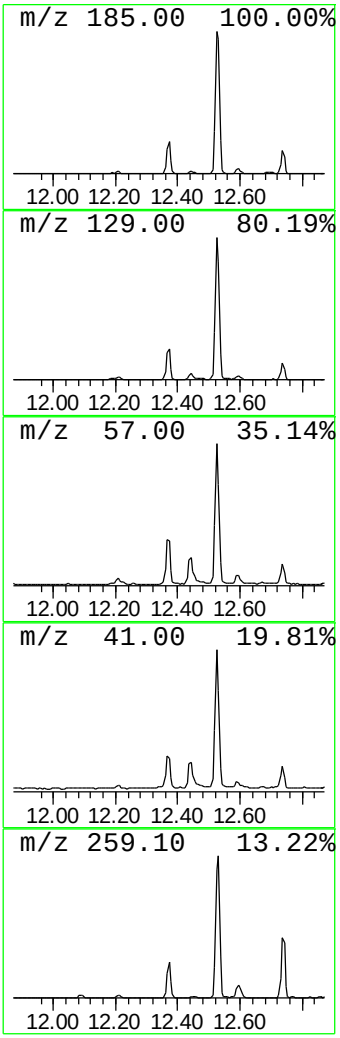
****

Peak Number 6 Butyl citrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.26 ng	430171	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	72
3	Adipic acid, isobutyl 3-pentyl e...	272	C15H28O4	1000324-60-4	72
4	Adipic acid, 2-hexyl isobutyl ester	286	C16H30O4	1000353-70-9	72
5	Adipic acid, butyl 2-methylpent-...	286	C16H30O4	1000353-55-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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

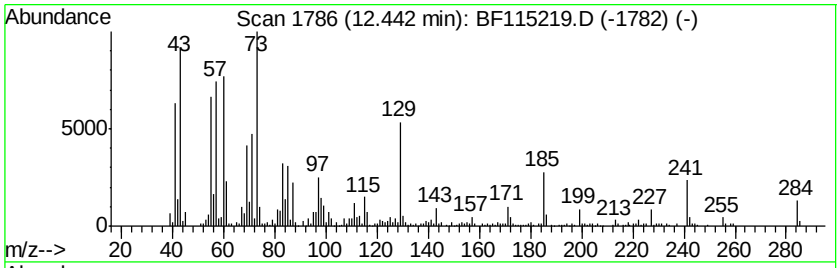
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

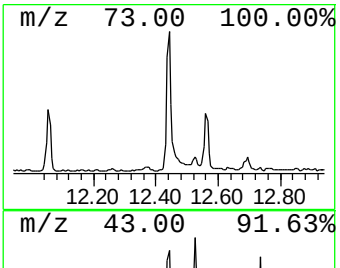
****

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.92 ng	484177	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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

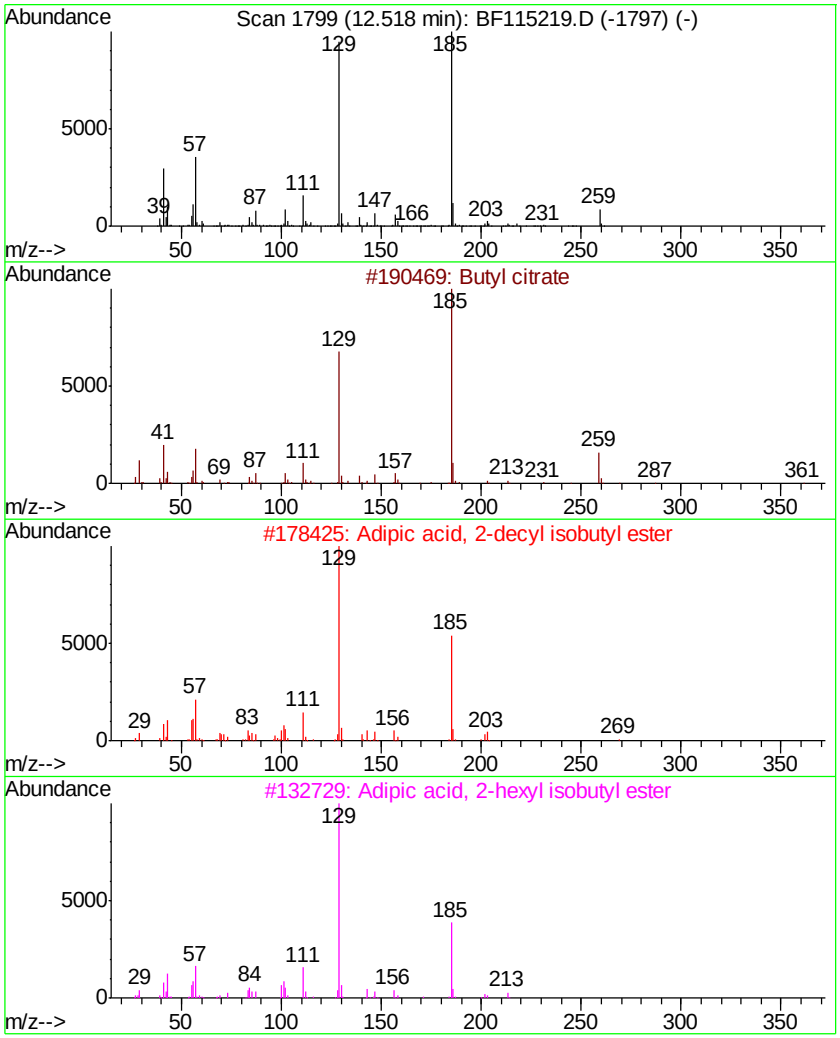
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

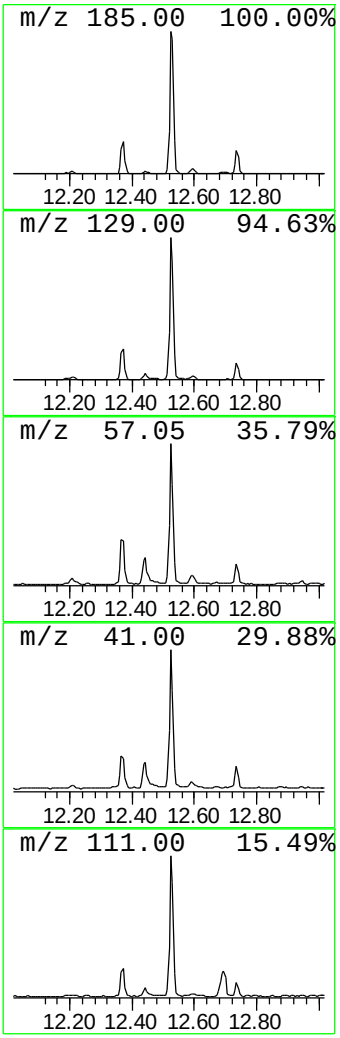
****

Peak Number 8 Adipic acid, 2-decyl isobut... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	13.38 ng	1653920	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Adipic acid, 2-decyl isobutyl ester	342	C20H38O4	1000353-59-6	78
3	Adipic acid, 2-hexyl isobutyl ester	286	C16H30O4	1000353-70-9	64
4	Hexanedioic acid, bis(1-methylpr...	258	C14H26O4	038447-22-2	56
5	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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

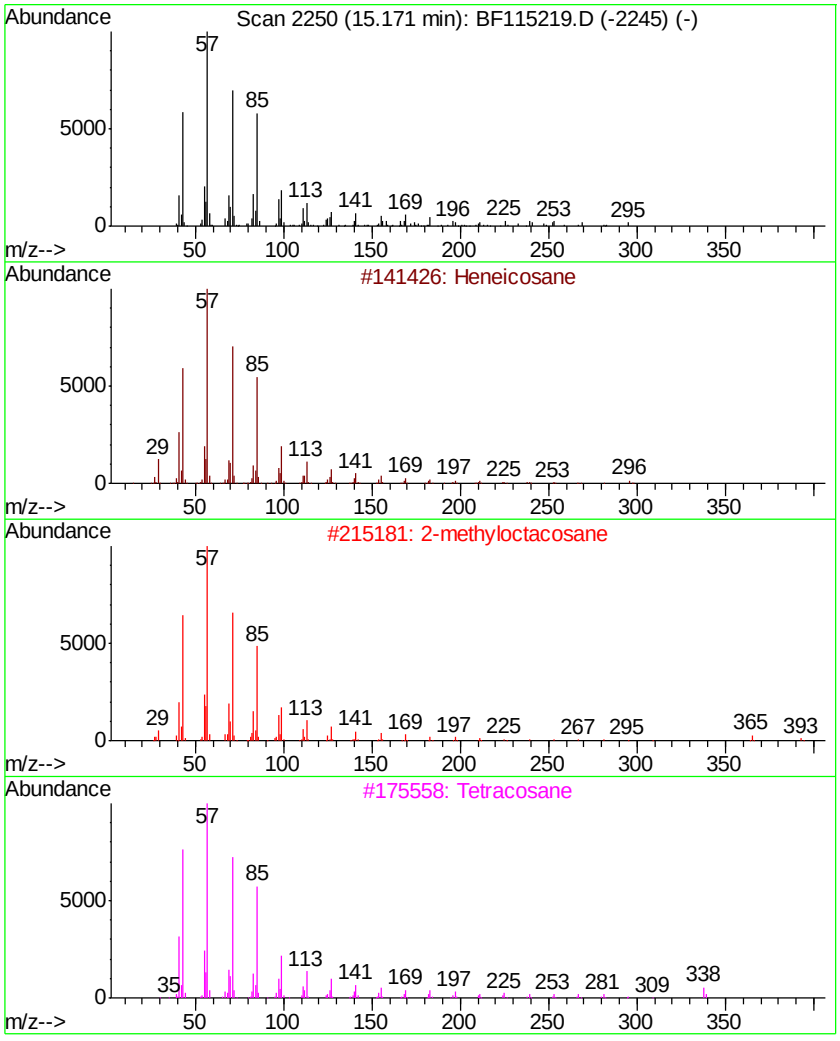
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

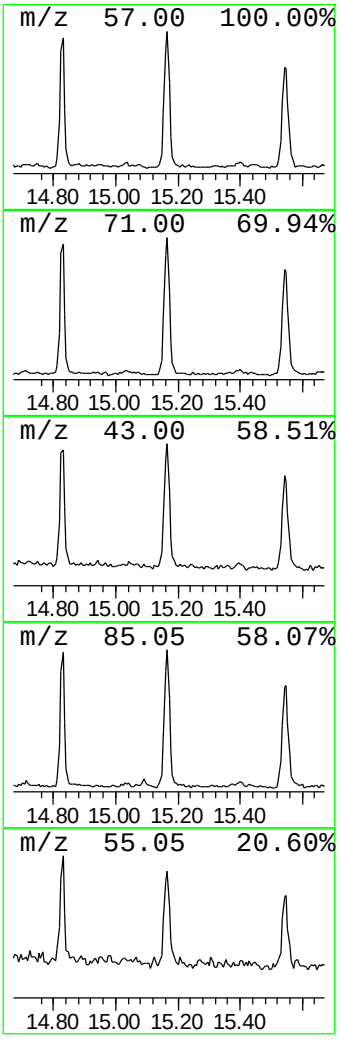
****

Peak Number 9 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.31 ng	244659	Perylene-d12	15.09

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	Tetracosane	338	C24H50	000646-31-1	91
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062619\
Data File : BF115219.D
Acq On : 26 Jun 2019 15:17
Operator : HP/JU
Sample : K3155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B06

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,...	4.45	9.6	ng	797869	1	6.61	1656720	20.0
unknown6.38	6.38	72.6	ng	6011160	1	6.61	1656720	20.0
Cyclopentasiloxan...	7.41	2.8	ng	295256	2	7.89	2087430	20.0
n-Hexadecanoic acid	11.66	4.3	ng	571782	4	11.11	2637660	20.0
Butyl citrate	12.37	3.3	ng	430171	4	11.11	2637660	20.0
Octadecanoic acid	12.44	3.9	ng	484177	5	13.72	2473090	20.0
Adipic acid, 2-de...	12.52	13.4	ng	1653920	5	13.72	2473090	20.0
Heneicosane	15.17	2.3	ng	244659	6	15.09	2114970	20.0