LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045918.D
Acq On : 2 Jul 2020 17:23
Operator : CG/JU
Sample : L3172-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS

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_G\METHODS\8270-BG061520.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	5.449	395	402	415	rBV	541477	950524	28.21%	5.279%
2	7.071	670	678	692	rBV	576516	1072672	31.84%	5.957%
3	7.852	805	811	819	rBV	166667	286154	8.49%	1.589%
4	8.175	857	866	877	rBV	526117	919154	27.28%	5.105%
5	9.015	998	1009	1020	rBV	400283	744695	22.10%	4.136%
6	10.660	1281	1289	1302	rBV	215996	402715	11.95%	2.237%
7	13.127	1702	1709	1719	rBV	1198721	1892651	56.18%	10.511%
8	13.967	1845	1852	1862	rBV	116346	187041	5.55%	1.039%
9	14.514	1938	1945	1955	rVB	385589	609281	18.08%	3.384%
10	16.012	2193	2200	2218	rBV	975060	1545148	45.86%	8.581%
11	17.263	2407	2413	2423	rBV	510854	778668	23.11%	4.324%
12	19.883	2853	2859	2867	rBV	2668851	3369202	100.00%	18.711%
13	21.175	3074	3079	3088	rBV2	168327	310846	9.23%	1.726%
14	21.510	3130	3136	3151	rVB	573991	942762	27.98%	5.236%
15	22.291	3263	3269	3274	rBV6	32282	62567	1.86%	0.347%
16	22.955	3370	3382	3389	rBV2	43413	105953	3.14%	0.588%
17	23.114	3403	3409	3418	rVB5	37299	82730	2.46%	0.459%
18	23.719	3507	3512	3520	rVB4	41689	81336	2.41%	0.452%
19	24.112	3572	3579	3588	rVB3	68130	176448	5.24%	0.980%
20	24.594	3651	3661	3674	rBV2	339474	993269	29.48%	5.516%
21	25.340	3775	3788	3801	rVB4	108539	353268	10.49%	1.962%
22	25.693	3841	3848	3851	rBV7	20510	46508	1.38%	0.258%
23	26.862	4032	4047	4061	rBV4	147743	625721	18.57%	3.475%
24	28.771	4356	4372	4393	rBV4	169595	909353	26.99%	5.050%
25	31.191	4762	4784	4785	rBV4	159002	557556	16.55%	3.096%

Sum of corrected areas: 18006222

LSC Report - Integrated Chromatogram

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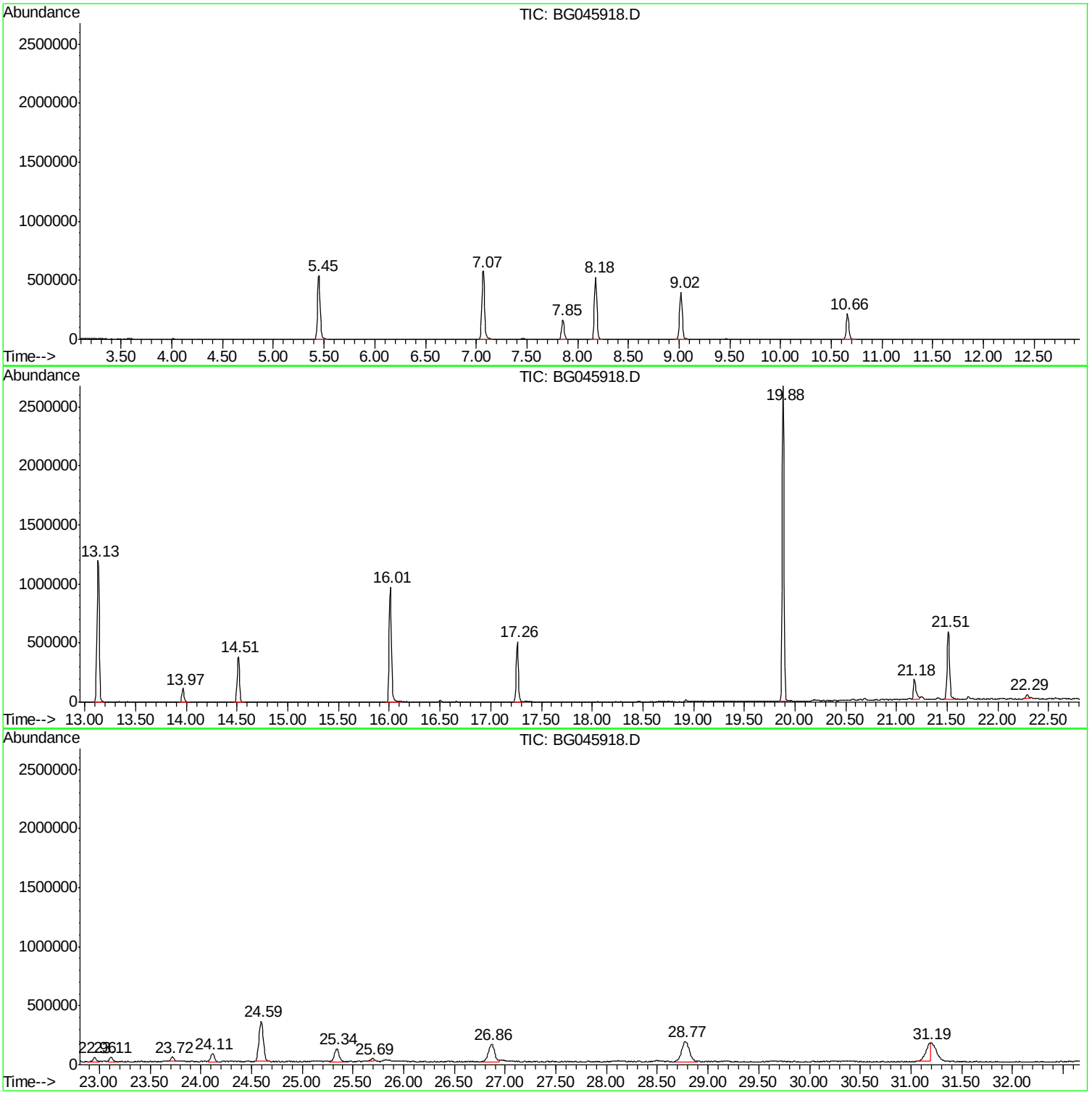
Operator : CG/JU
Sample : L3172-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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 G\DATA\BG070220\
Data File : BG045918.D
Acq On : 2 Jul 2020 17:23
Operator : CG/JU
Sample : L3172-07
Misc :
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Instrument : BNA_G
ClientSampleId : TP4-SS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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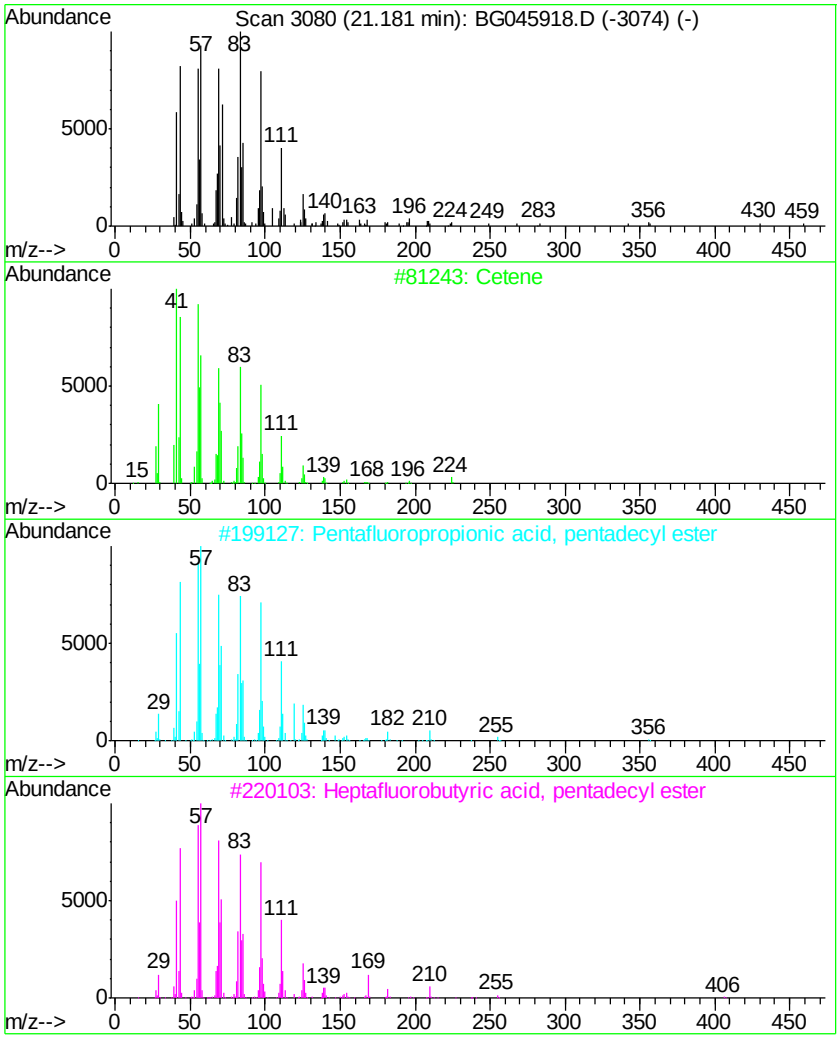
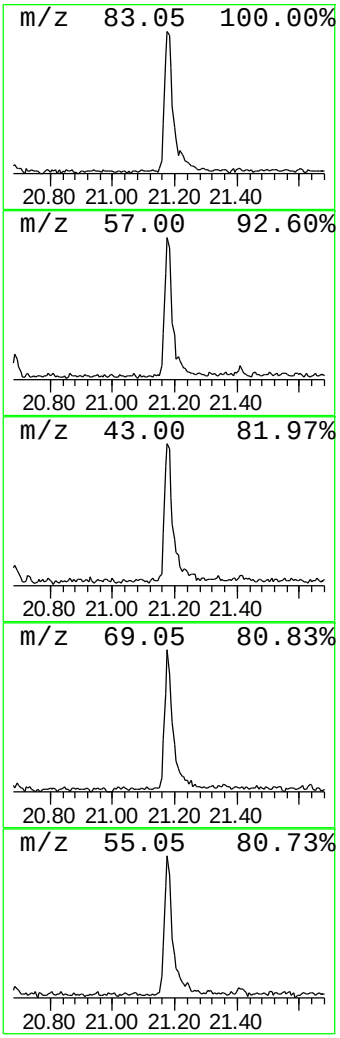
Peak Number 2 Cetene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	6.59 ng	310846	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045918.D
Acq On : 2 Jul 2020 17:23
Operator : CG/JU
Sample : L3172-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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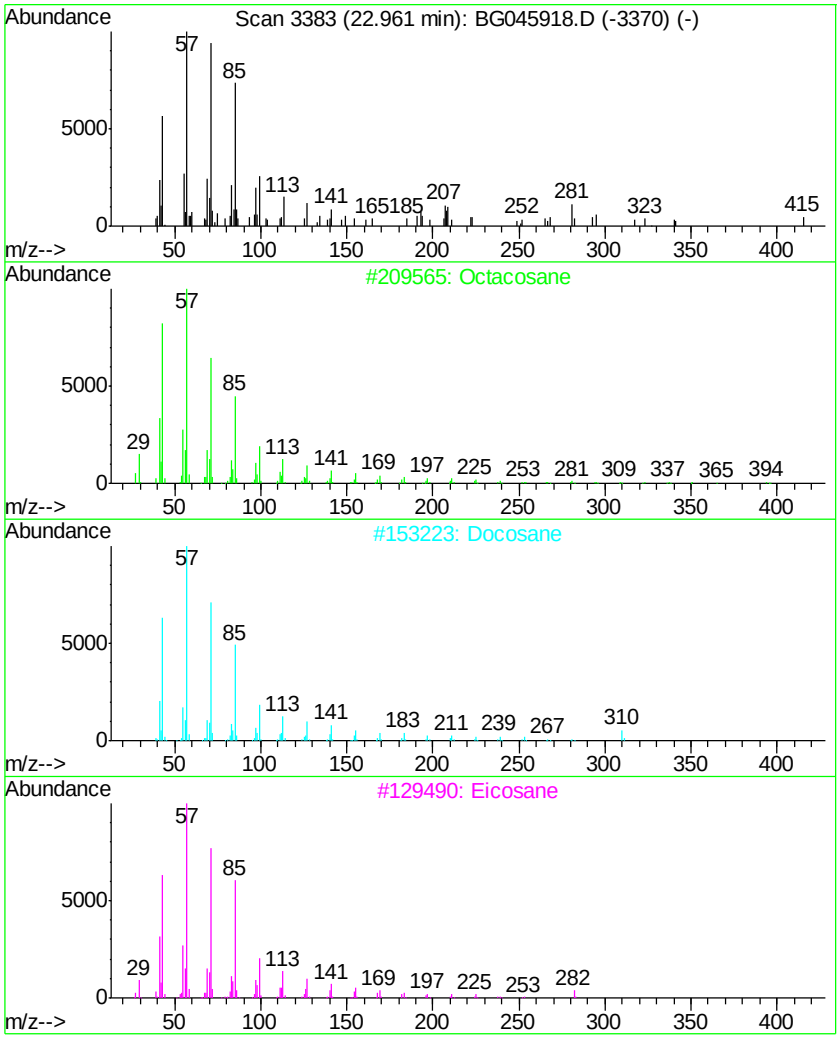
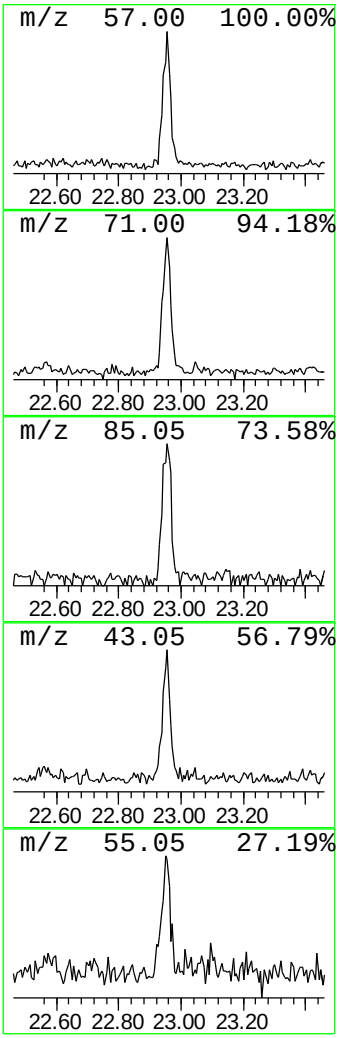
Peak Number 3 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.25 ng	105953	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Docosane	310	C22H46	000629-97-0	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Triacontane	422	C30H62	000638-68-6	86
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045918.D
Acq On : 2 Jul 2020 17:23
Operator : CG/JU
Sample : L3172-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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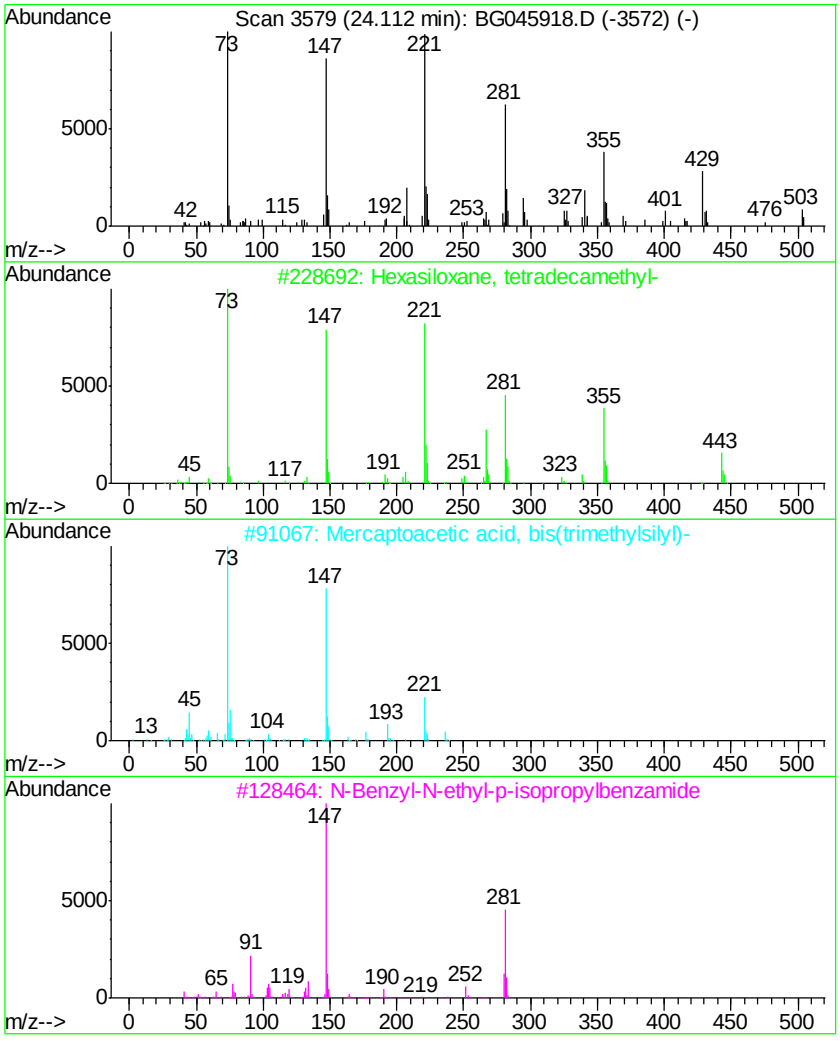
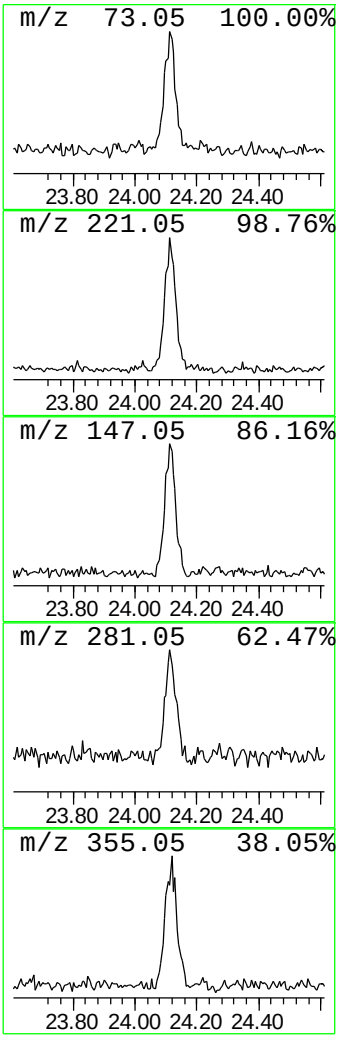
Peak Number 4 Hexasiloxane, tetradecamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	3.55 ng	176448	Perylene-d12	24.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	83
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
3	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	27
4	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	25
5	2-(2',4',4',6',6',8',8'-Heptamet...	652	C16H48O10Si9	145344-72-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045918.D
Acq On : 2 Jul 2020 17:23
Operator : CG/JU
Sample : L3172-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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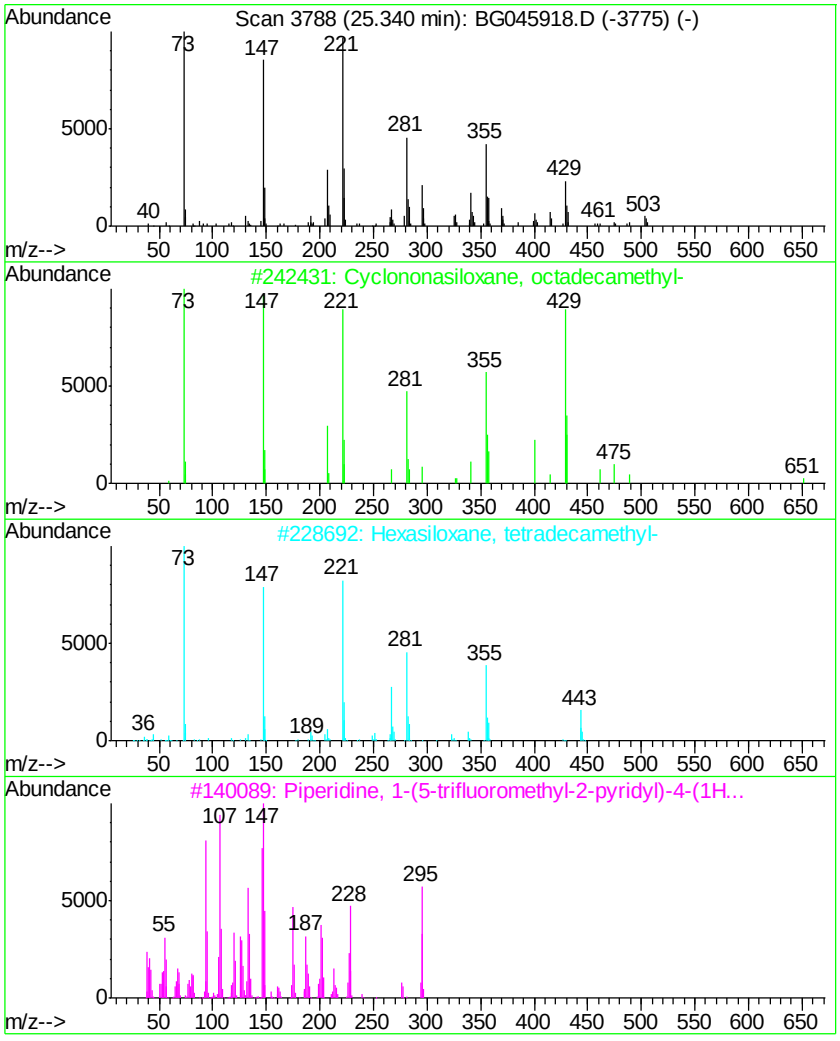
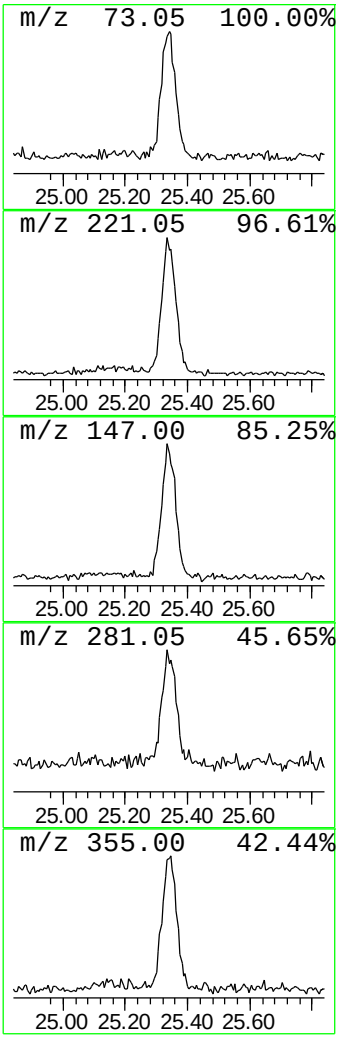
Peak Number 5 Cyclononasiloxane, octadeca... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	7.11 ng	353268	Perylene-d12	24.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	87
2	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	74
3	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	64
4	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	25
5	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045918.D
Acq On : 2 Jul 2020 17:23
Operator : CG/JU
Sample : L3172-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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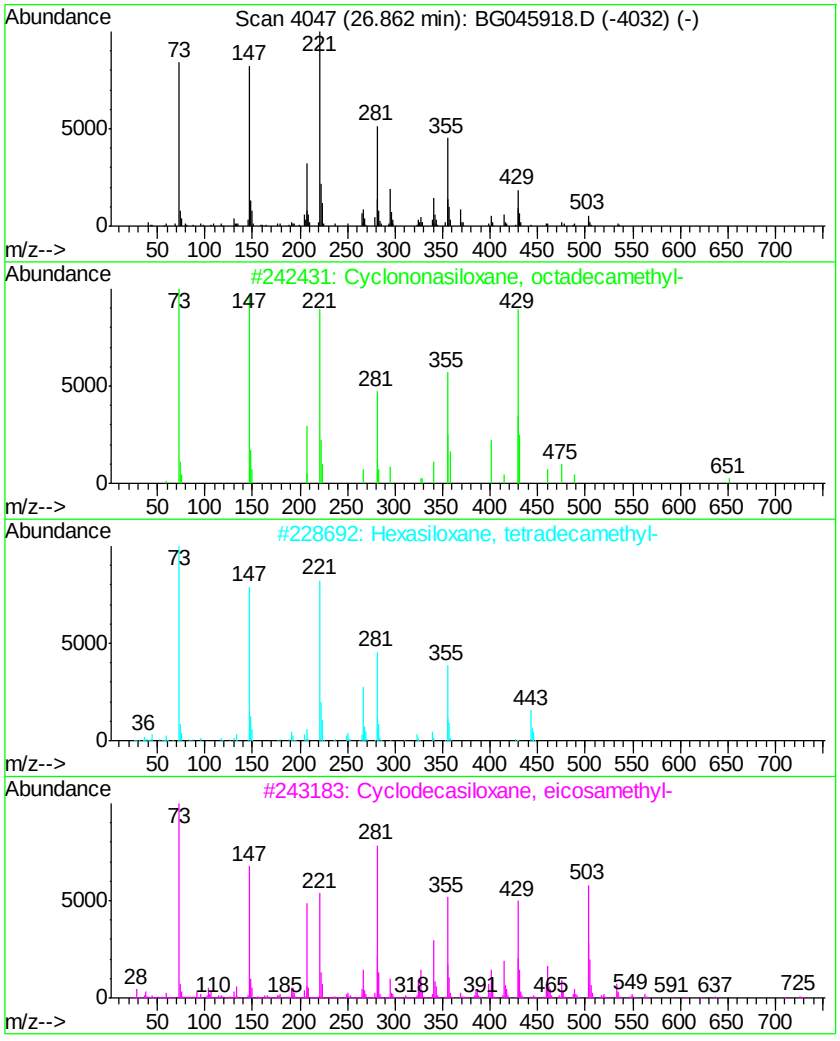
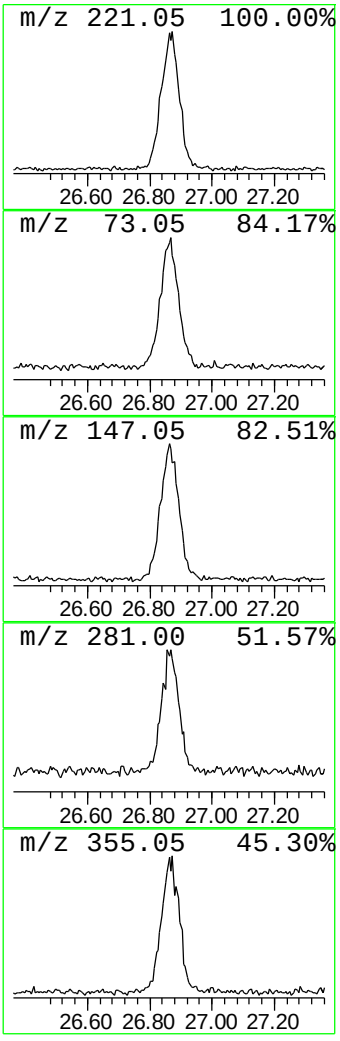
Peak Number 6 Cyclodecasiloxane, eicosame... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.86	12.60 ng	625721	Perylene-d12	24.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	87
3	Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	50
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
5	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	38





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Sample : L3172-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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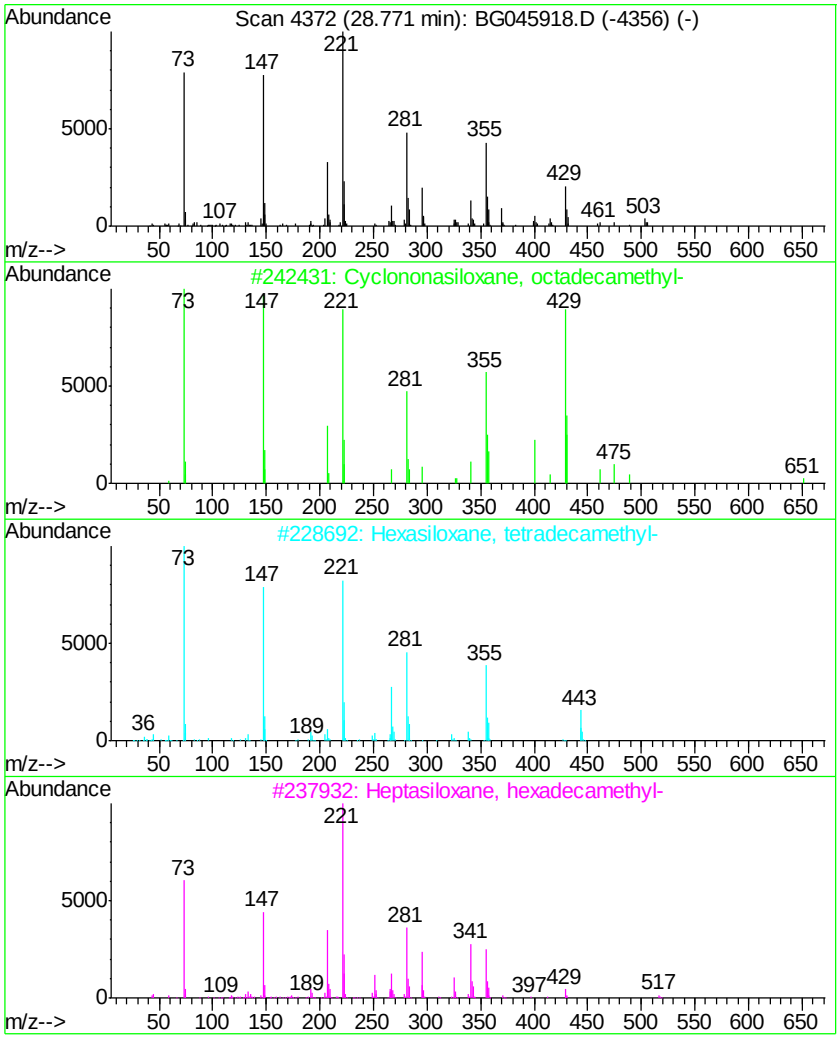
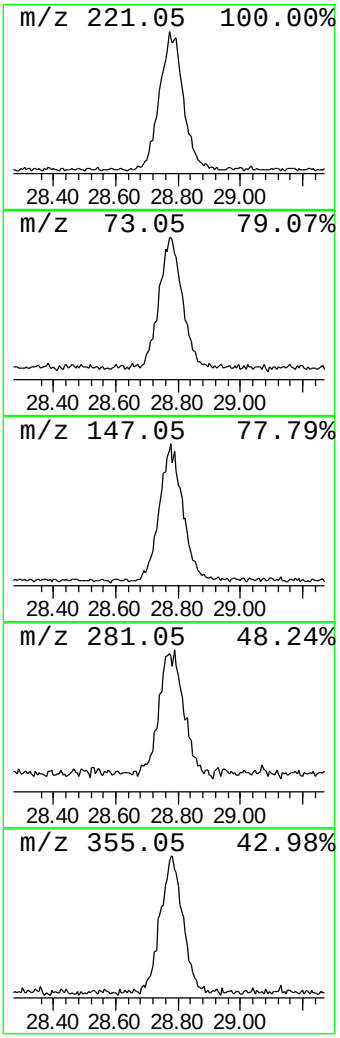
Peak Number 7 Heptasiloxane, hexadecamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.77	18.31 ng	909353	Perylene-d12	24.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	86
2	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	72
3	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	50
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
5	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	27





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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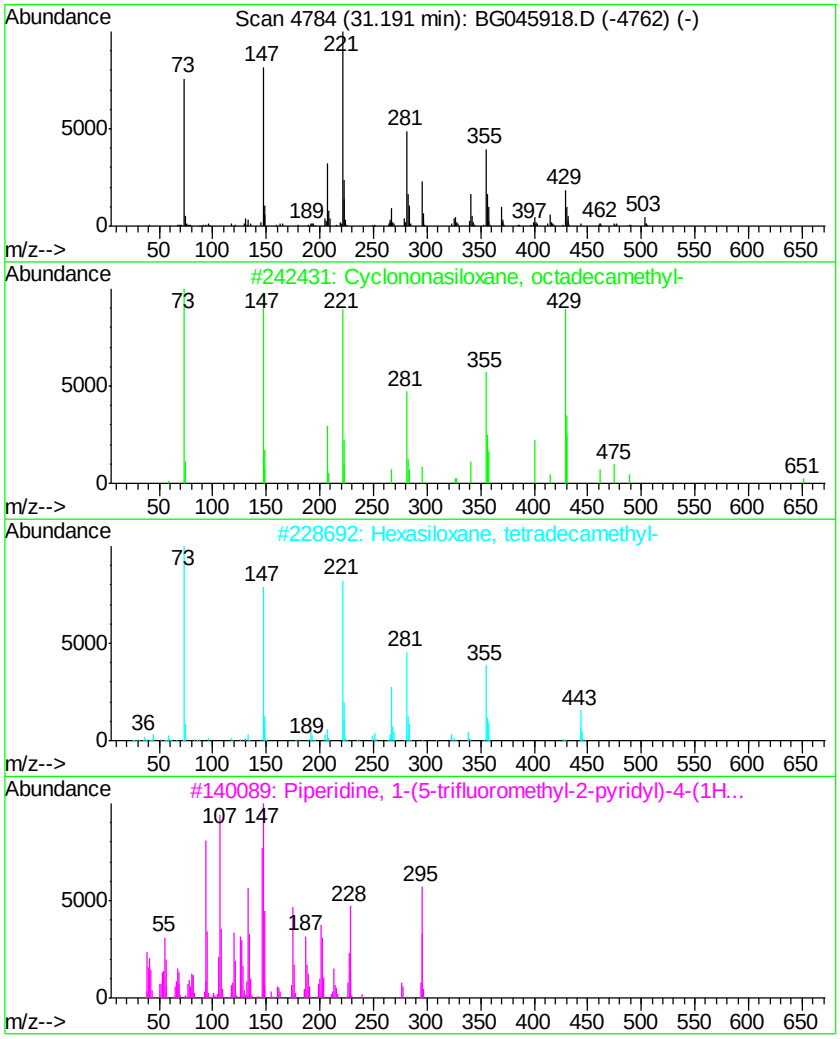
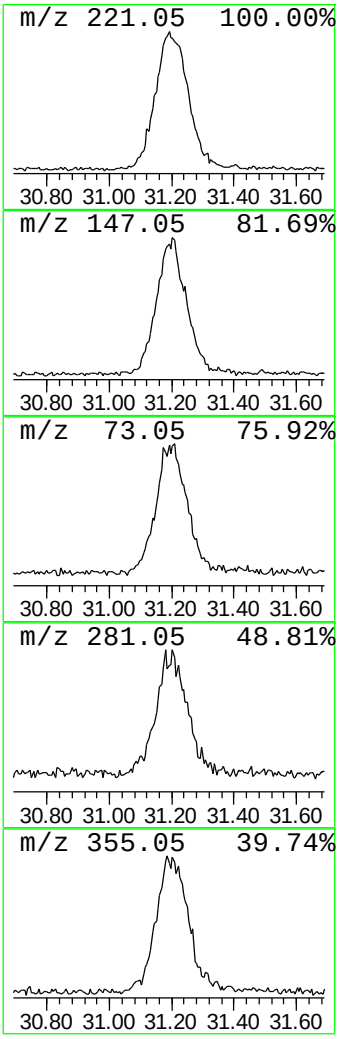
Peak Number 8 unknown31.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.19	11.23 ng	557556	Perylene-d12	24.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	86
2	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	72
3	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	25
4	4-Hydroxybenzyl alcohol, bis(ter...	352	C19H36O2Si2	1000364-43-9	25
5	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	22





Tentatively Identified Compound (LSC) summary

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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
Cetene	21.18	6.6	ng	310846	5	21.51	942762	20.0
Octacosane	22.96	2.3	ng	105953	5	21.51	942762	20.0
Hexasiloxane, tet...	24.11	3.5	ng	176448	6	24.59	993269	20.0
Cyclononasiloxane...	25.34	7.1	ng	353268	6	24.59	993269	20.0
Cyclodecasiloxane...	26.86	12.6	ng	625721	6	24.59	993269	20.0
Heptasiloxane, he...	28.77	18.3	ng	909353	6	24.59	993269	20.0
unknown31.19	31.19	11.2	ng	557556	6	24.59	993269	20.0