LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
Operator : CG/JU
Sample : L2345-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

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-BG041520.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	3.122	3	6	14	rVB	67100	107724	2.27%	0.334%
2	3.199	14	19	26	rVB2	49638	77546	1.63%	0.240%
3	5.601	420	428	437	rBV	965796	1656906	34.85%	5.134%
4	7.193	689	699	713	rBV	1155594	2045249	43.01%	6.338%
5	8.022	832	840	848	rBV	313561	552948	11.63%	1.713%
6	8.351	887	896	905	rBV	947329	1731508	36.42%	5.365%
7	9.185	1028	1038	1049	rBV	765627	1415252	29.76%	4.385%
8	10.830	1310	1318	1325	rBV	446534	839770	17.66%	2.602%
9	13.279	1728	1735	1743	rBV	2214822	3630817	76.36%	11.251%
10	14.102	1869	1875	1881	rBV	336283	525825	11.06%	1.629%
11	14.384	1915	1923	1932	rBV3	25158	58257	1.23%	0.181%
12	14.660	1960	1970	1976	rBV2	775558	1259934	26.50%	3.904%
13	16.146	2216	2223	2231	rBV	1838867	2864115	60.24%	8.875%
14	17.403	2431	2437	2442	rBV	896480	1405709	29.56%	4.356%
15	17.444	2442	2444	2451	rVB	180672	240707	5.06%	0.746%
16	17.532	2456	2459	2465	rVB	38335	57825	1.22%	0.179%
17	17.785	2497	2502	2505	rBV6	30153	49589	1.04%	0.154%
18	18.284	2582	2587	2591	rBV2	57659	102933	2.16%	0.319%
19	18.331	2591	2595	2599	rVB	81291	120262	2.53%	0.373%
20	18.472	2614	2619	2623	rBV2	62182	116741	2.46%	0.362%
21	18.513	2623	2626	2631	rVB2	44956	61840	1.30%	0.192%
22	18.813	2674	2677	2683	rVB5	31379	52552	1.11%	0.163%
23	19.195	2738	2742	2746	rBV2	61586	91458	1.92%	0.283%
24	19.394	2772	2776	2781	rBV	163416	243422	5.12%	0.754%
25	19.453	2781	2786	2792	rVB	403232	581869	12.24%	1.803%
26	19.782	2839	2842	2843	rBV	48708	53269	1.12%	0.165%
27	19.811	2843	2847	2855	rVB	410335	628665	13.22%	1.948%
28	20.017	2876	2882	2892	rVB	3545431	4754837	100.00%	14.734%
29	20.146	2899	2904	2909	rBV4	53855	120449	2.53%	0.373%
30	20.605	2980	2982	2986	rVB	55917	53833	1.13%	0.167%
31	21.327	3101	3105	3112	rVB5	175644	318104	6.69%	0.986%
32	21.668	3155	3163	3168	rBV2	900398	1928736	40.56%	5.977%
33	21.715	3168	3171	3180	rVB	252228	431160	9.07%	1.336%
34	21.879	3195	3199	3205	rBV4	88784	134845	2.84%	0.418%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
Operator : CG/JU
Sample : L2345-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

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-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.484	3298	3302	3310	rVB4	150221	289629	6.09%	0.897%
36	23.183	3417	3421	3429	rVB	140833	250061	5.26%	0.775%
37	23.853	3528	3535	3543	rBV	216524	715995	15.06%	2.219%
38	23.982	3552	3557	3565	rVB	212194	417109	8.77%	1.292%
39	24.564	3651	3656	3667	rVB	139012	363868	7.65%	1.128%
40	24.869	3700	3708	3715	rBV	421733	1218779	25.63%	3.777%
41	26.056	3904	3910	3920	rVB4	229667	701792	14.76%	2.175%

Sum of corrected areas: 32271889

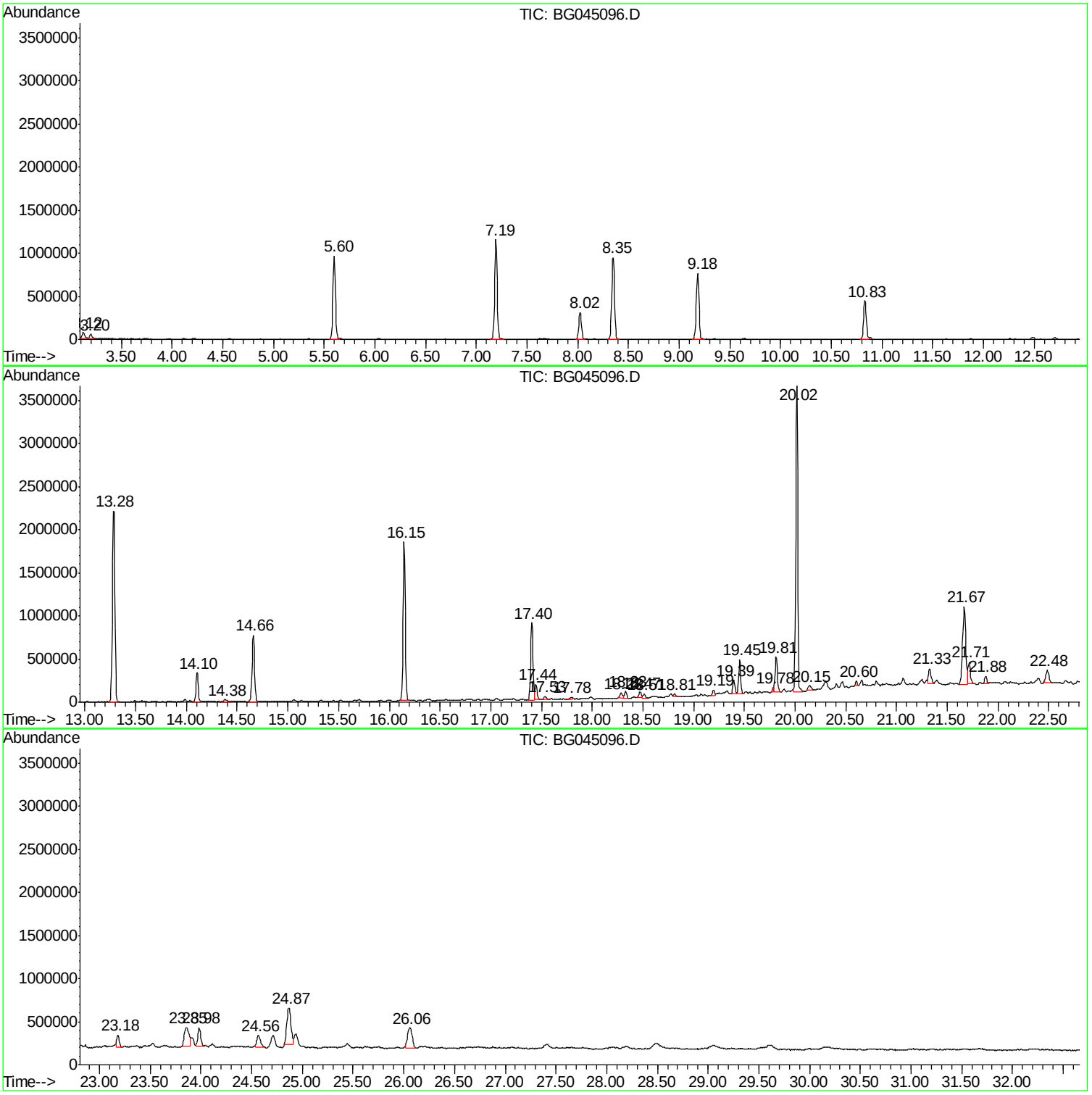
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
Operator : CG/JU
Sample : L2345-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
Operator : CG/JU
Sample : L2345-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

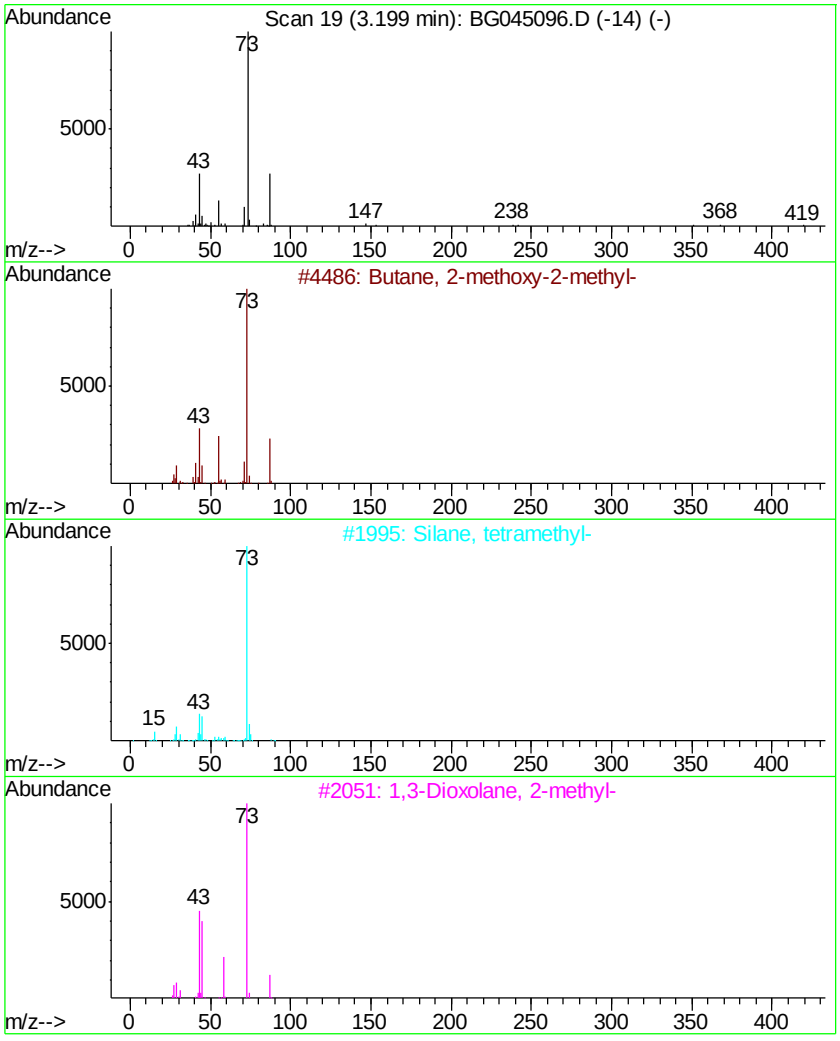
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

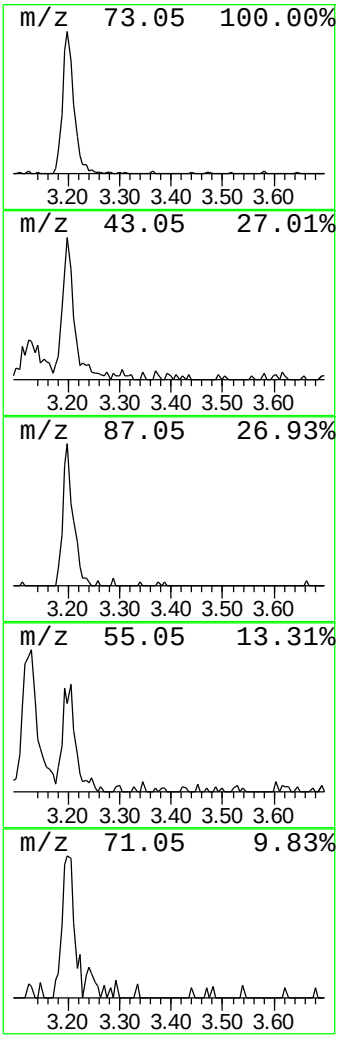
****

Peak Number 2 unknown3.20 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	2.80 ng	77546	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	25
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	.alpha.-D-Mannofuranoside, 1-O-h...	278	C13H26O6	111570-47-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
Operator : CG/JU
Sample : L2345-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

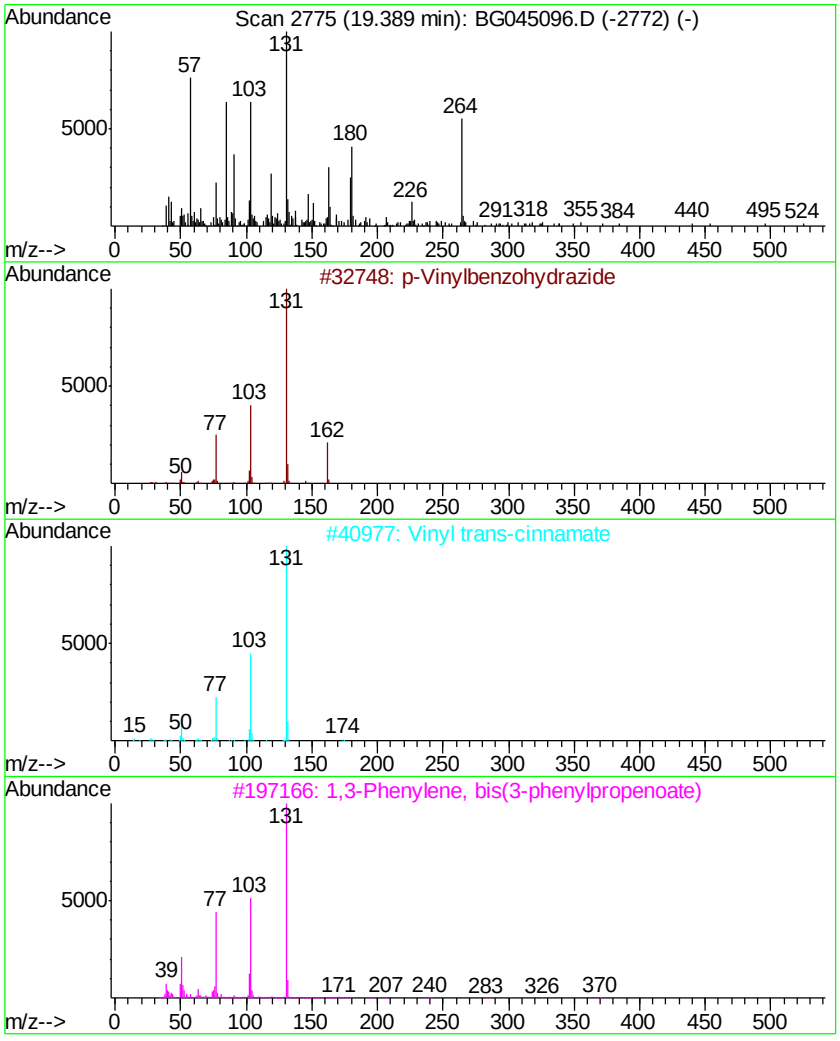
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

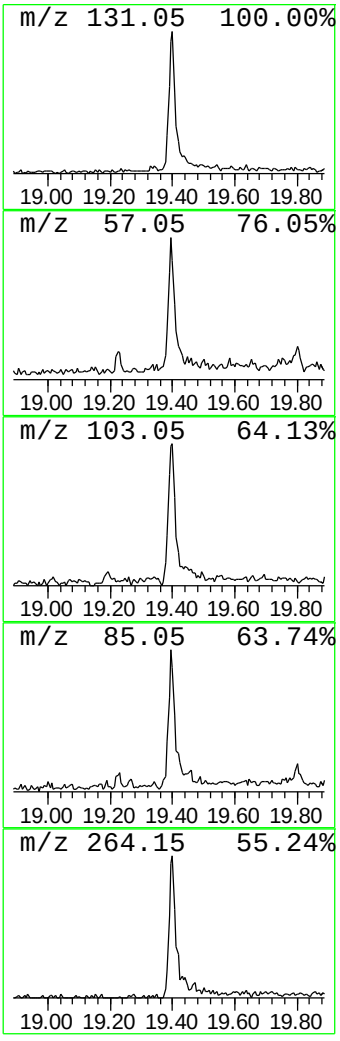
****

Peak Number 4 unknown19.39 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	3.46 ng	243422	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	30
2	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	30
3	1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	27
4	3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	27
5	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
Operator : CG/JU
Sample : L2345-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

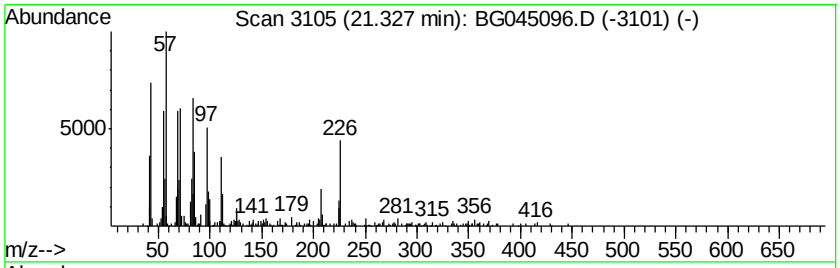
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

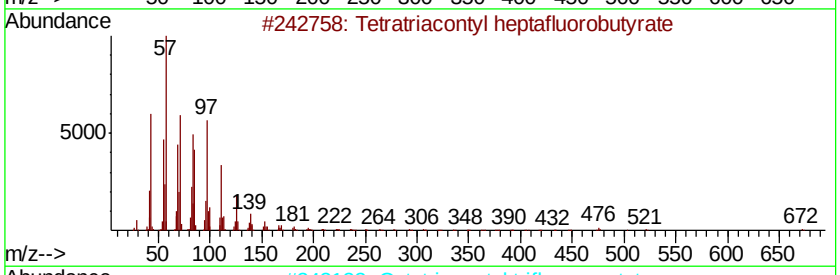
****

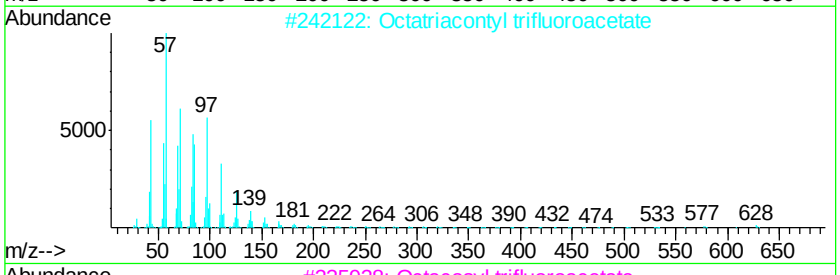
Peak Number 6 Tetratriacontyl heptafluoro... Concentration Rank 8

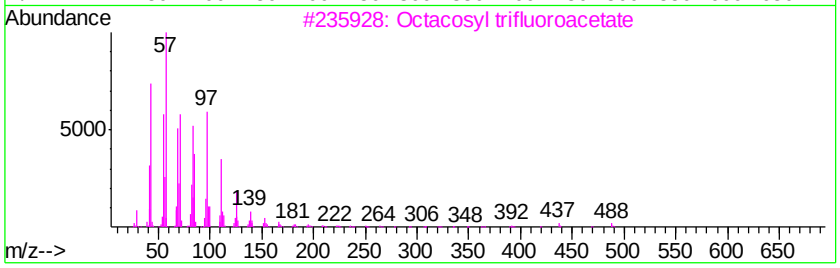
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.30 ng	318104	Chrysene-d12	21.67

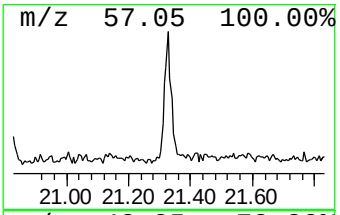
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	62
2	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	62
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	62
4	1-Nonadecene	266	C19H38	018435-45-5	50
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	50

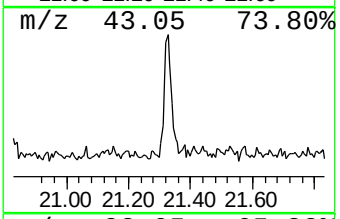


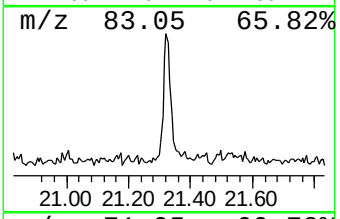


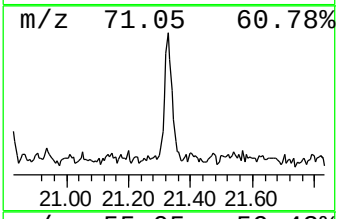


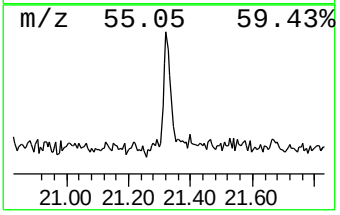












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
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Acq On : 20 Apr 2020 15:05
Operator : CG/JU
Sample : L2345-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

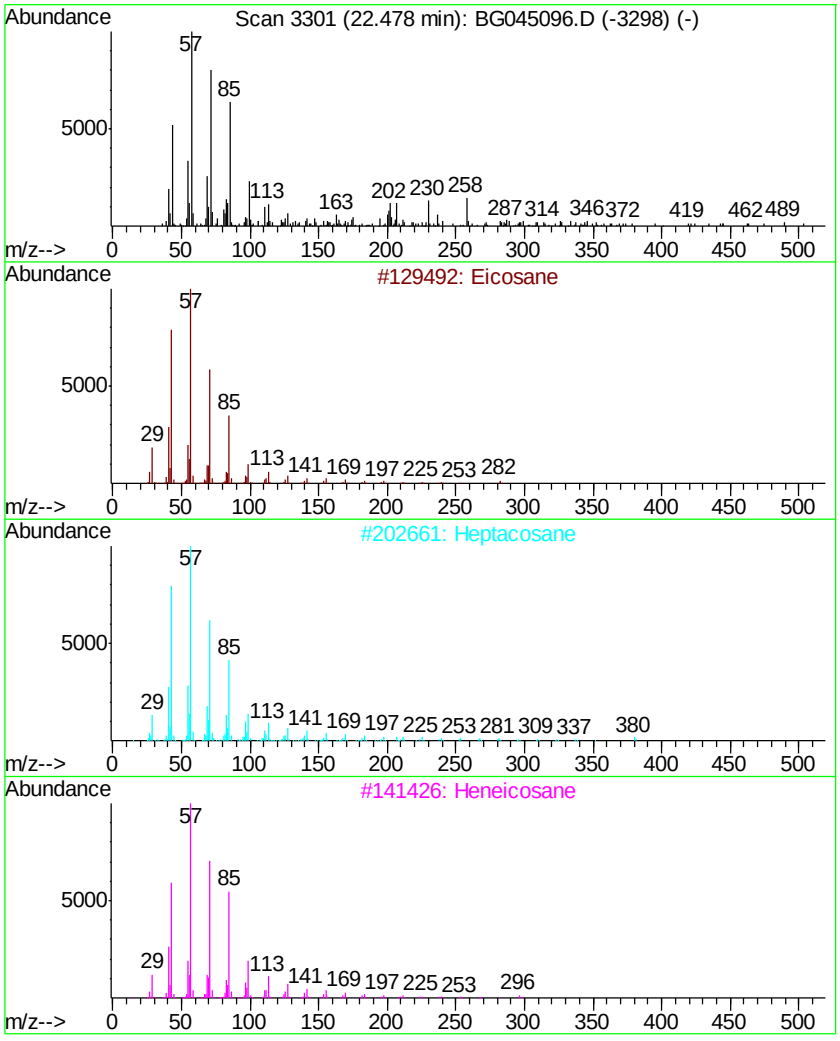
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

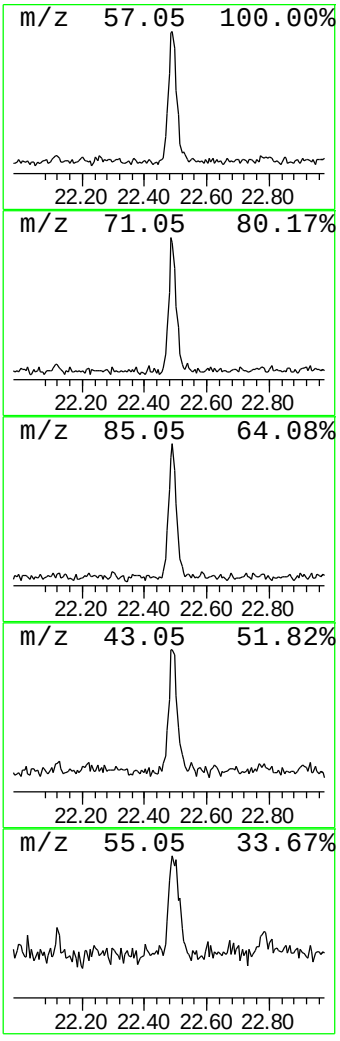
****

Peak Number 7 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.00 ng	289629	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Heptacosane	380	C27H56	000593-49-7	80
3	Heneicosane	296	C21H44	000629-94-7	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Tetradecane	198	C14H30	000629-59-4	80





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ClientSampleId : T-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

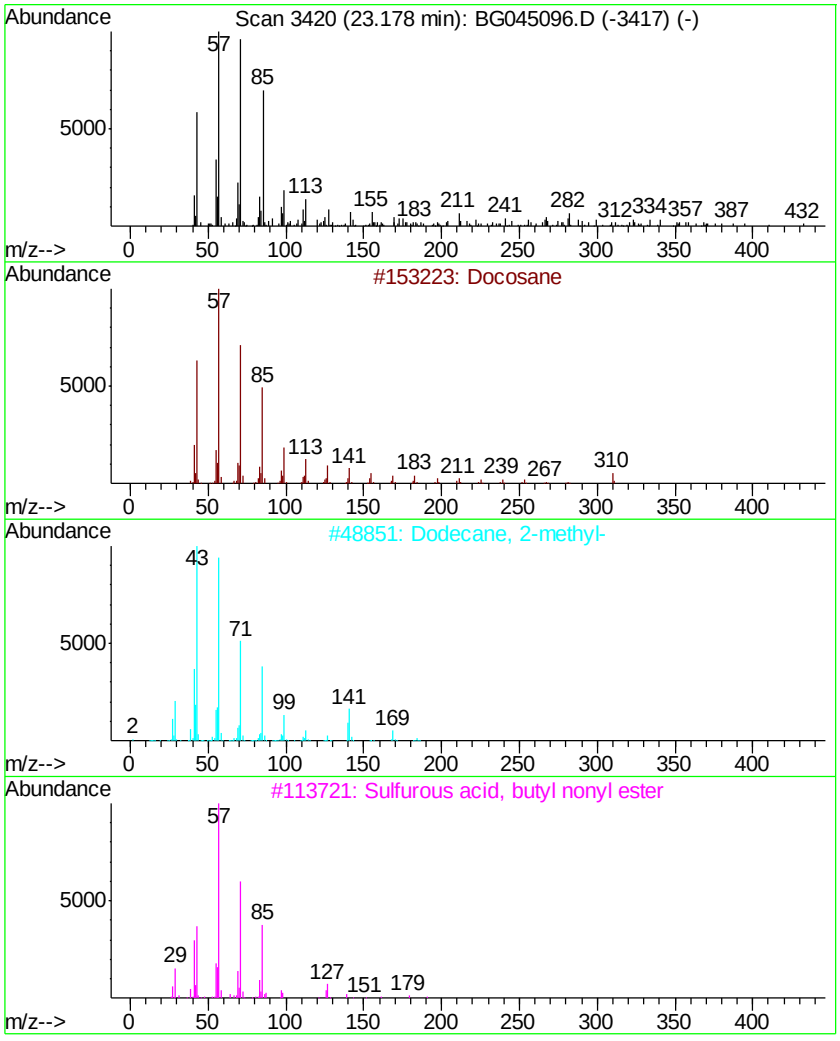
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

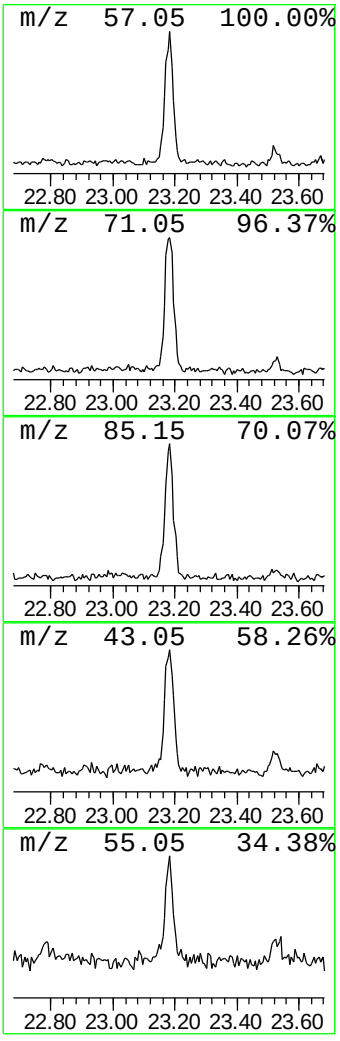
****

Peak Number 8 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.59 ng	250061	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	80
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	80
4	Eicosane	282	C20H42	000112-95-8	62
5	Octacosane	394	C28H58	000630-02-4	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

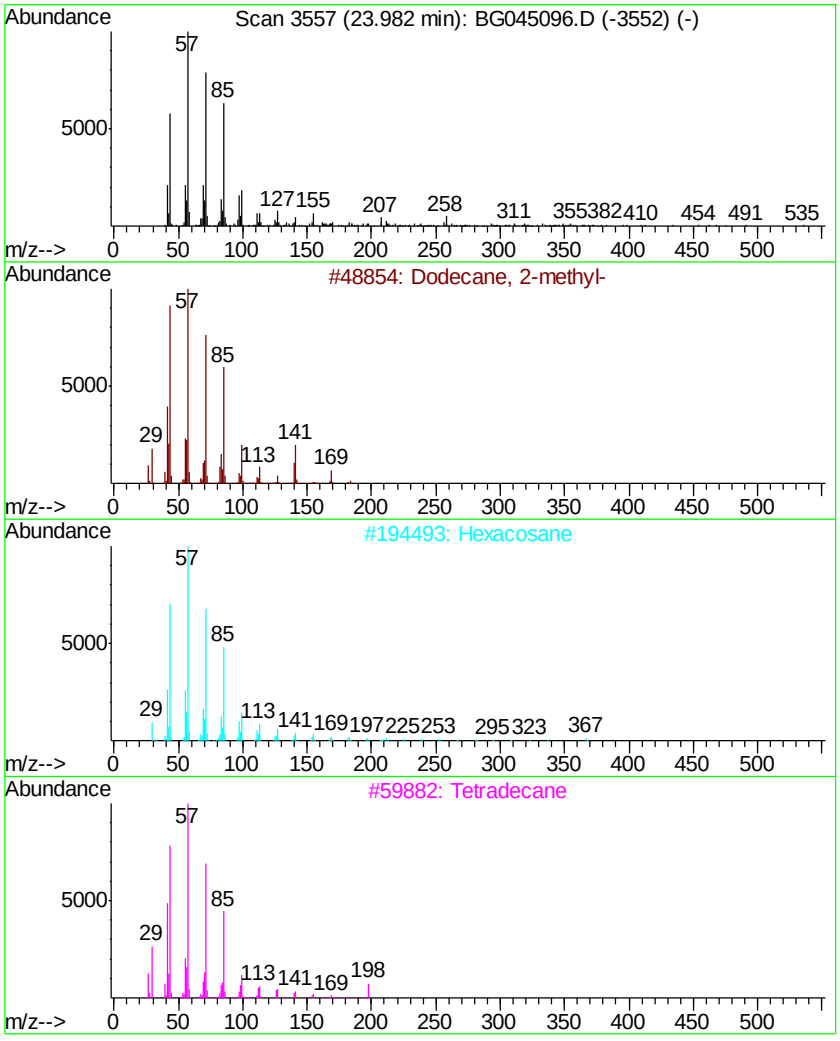
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

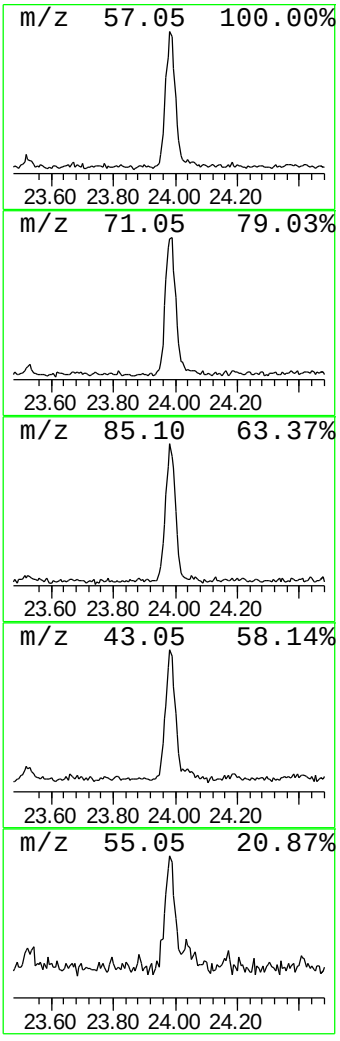
****

Peak Number 9 Dodecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	6.84 ng	417109	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
Operator : CG/JU
Sample : L2345-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

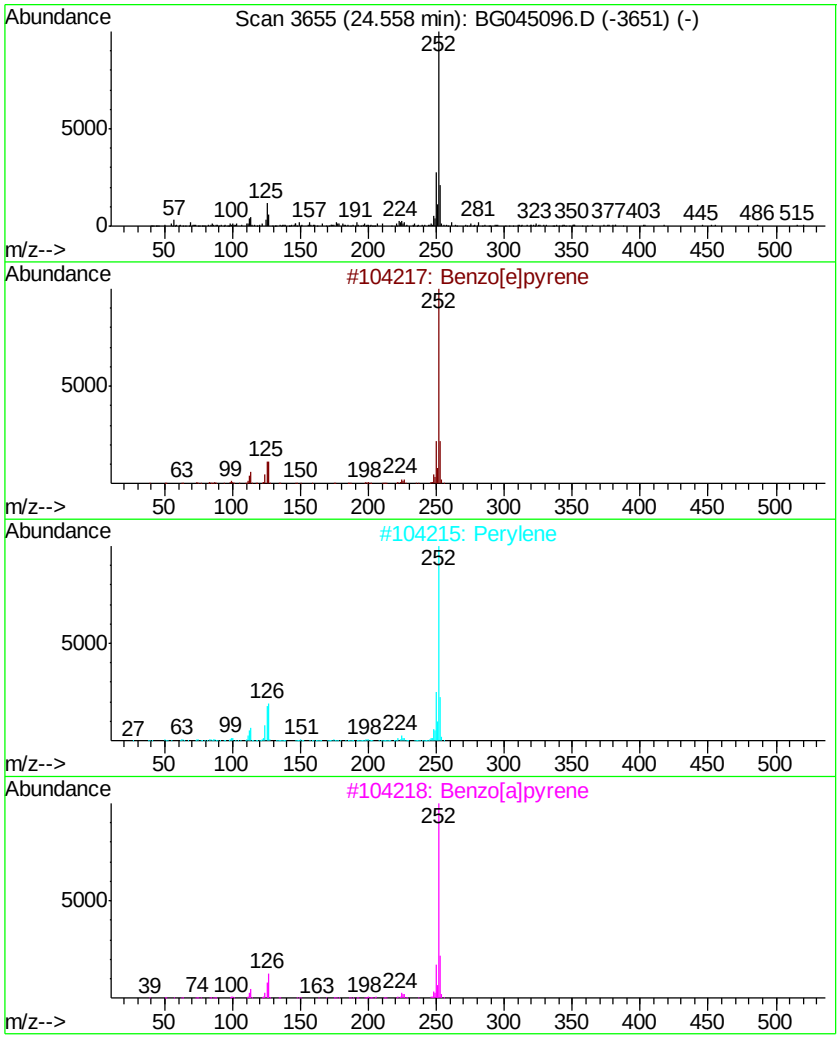
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

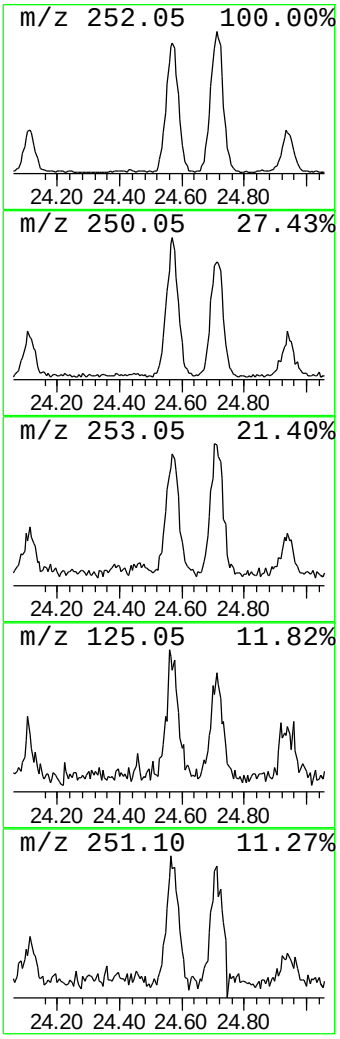
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.56	5.97 ng	363868	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Perylene	252	C20H12	000198-55-0	86
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
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Sample : L2345-01
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

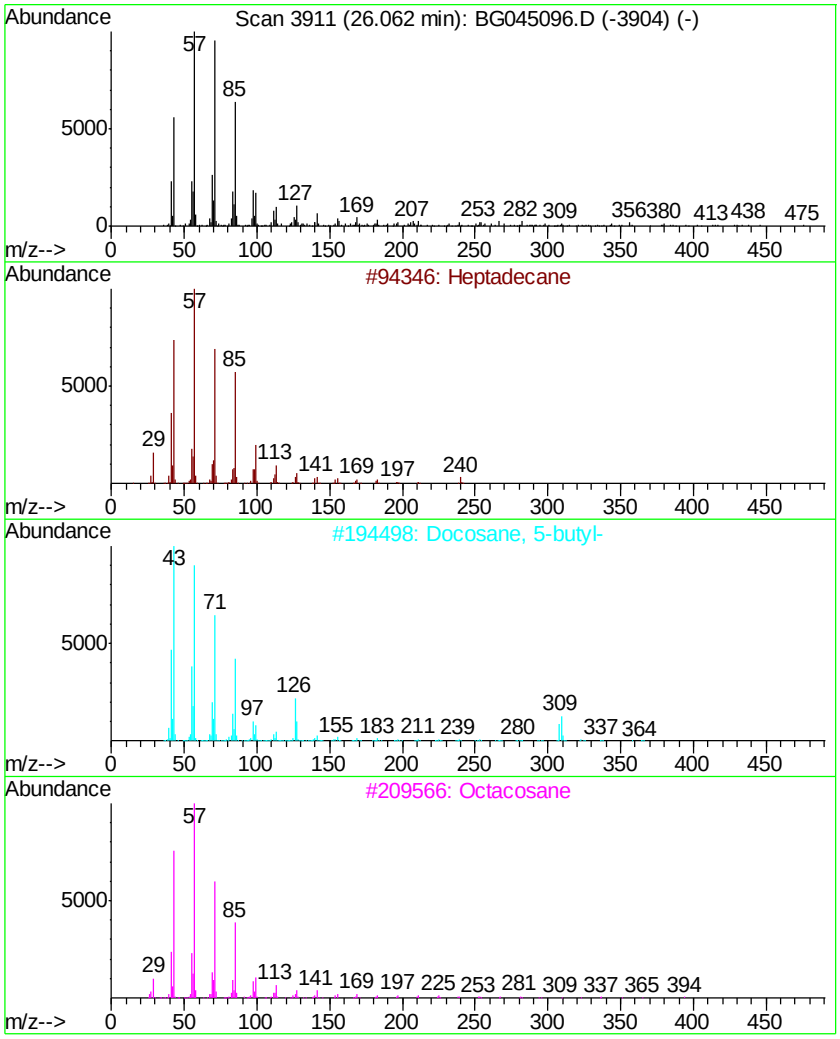
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

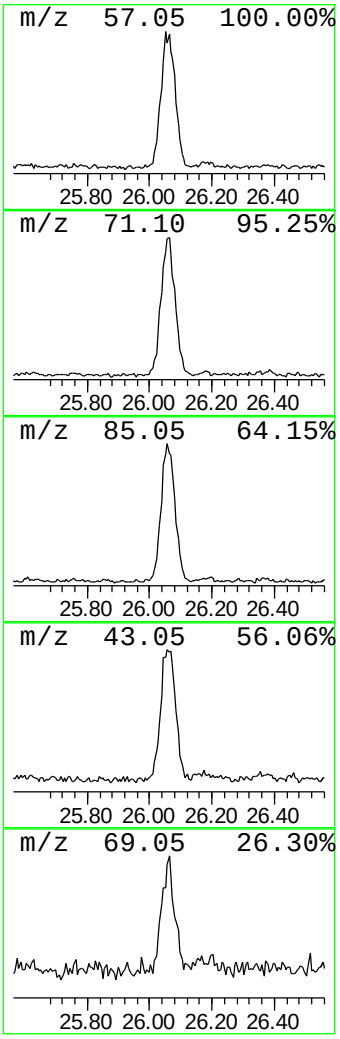
****

Peak Number 11 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	11.52 ng	701792	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	86
3	Octacosane	394	C28H58	000630-02-4	83
4	2-methyloctacosane	408	C29H60	1000376-72-8	83
5	Tetracosane	338	C24H50	000646-31-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042020\
Data File : BG045096.D
Acq On : 20 Apr 2020 15:05
Operator : CG/JU
Sample : L2345-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
unknown3.20	3.20	2.8	ng	77546	1	8.02	552948	20.0
unknown19.39	19.39	3.5	ng	243422	4	17.40	1405710	20.0
Tetratriacontyl h...	21.33	3.3	ng	318104	5	21.67	1928740	20.0
Eicosane	22.48	3.0	ng	289629	5	21.67	1928740	20.0
Docosane	23.18	2.6	ng	250061	5	21.67	1928740	20.0
Dodecane, 2-methyl-	23.98	6.8	ng	417109	6	24.86	1218780	20.0
Benzo[e]pyrene	24.56	6.0	ng	363868	6	24.86	1218780	20.0
Heptadecane	26.06	11.5	ng	701792	6	24.86	1218780	20.0