LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

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-BG031020.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	3.152	5	11	20	rBV2	107486	242641	4.19%	0.571%
2	3.235	20	25	36	rVB	61115	113744	1.97%	0.268%
3	5.620	422	431	440	rBV	1800102	2940941	50.83%	6.923%
4	7.206	692	701	710	rBV	1790602	3225023	55.74%	7.592%
5	8.052	835	845	852	rBV	411265	716273	12.38%	1.686%
6	8.376	892	900	910	rVB	1349508	2409912	41.65%	5.673%
7	9.204	1032	1041	1050	rBV	1125980	2064106	35.68%	4.859%
8	10.861	1313	1323	1330	rBV	559311	1033819	17.87%	2.434%
9	13.311	1732	1740	1747	rBV	2821031	4447292	76.86%	10.469%
10	14.134	1873	1880	1887	rBV	291464	438249	7.57%	1.032%
11	14.686	1966	1974	1980	rBV2	863630	1402810	24.25%	3.302%
12	16.166	2219	2226	2237	rBV	2226201	3579833	61.87%	8.427%
13	17.253	2406	2411	2418	rVB4	30392	64755	1.12%	0.152%
14	17.430	2434	2441	2445	rBV	1043116	1661600	28.72%	3.911%
15	17.471	2445	2448	2453	rVB	237615	342682	5.92%	0.807%
16	17.559	2459	2463	2468	rVB	53921	75299	1.30%	0.177%
17	18.329	2585	2594	2604	rBV3	230605	592498	10.24%	1.395%
18	18.499	2617	2623	2627	rBV3	142576	268172	4.63%	0.631%
19	18.534	2627	2629	2635	rVB	72088	83244	1.44%	0.196%
20	18.805	2670	2675	2678	rBV2	62225	100036	1.73%	0.235%
21	19.098	2721	2725	2728	rBV5	39578	66926	1.16%	0.158%
22	19.222	2741	2746	2750	rBV	100421	154533	2.67%	0.364%
23	19.269	2750	2754	2759	rBV7	56798	117846	2.04%	0.277%
24	19.357	2765	2769	2772	rBV6	35625	61620	1.07%	0.145%
25	19.480	2784	2790	2795	rBV	689755	1002980	17.34%	2.361%
26	19.545	2797	2801	2804	rBV6	39732	67087	1.16%	0.158%
27	19.598	2807	2810	2815	rVV4	60001	75968	1.31%	0.179%
28	19.715	2827	2830	2834	rBV2	56244	88399	1.53%	0.208%
29	19.839	2841	2851	2860	rBV	715729	1285996	22.23%	3.027%
30	19.915	2860	2864	2870	rVV5	49899	96284	1.66%	0.227%
31	20.044	2878	2886	2891	rBV	4213801	5785857	100.00%	13.620%
32	20.156	2901	2905	2916	rBV6	117288	244252	4.22%	0.575%
33	20.332	2931	2935	2939	rVB2	175093	248537	4.30%	0.585%
34	20.432	2948	2952	2956	rVV	128259	173918	3.01%	0.409%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

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-BG031020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.491	2958	2962	2965	rVB3	97637	136700	2.36%	0.322%
36	20.626	2982	2985	2990	rBV	69701	98827	1.71%	0.233%
37	20.673	2990	2993	2997	rVV3	63786	88745	1.53%	0.209%
38	21.366	3106	3111	3117	rBV3	449679	724442	12.52%	1.705%
39	21.701	3159	3168	3173	rBV3	1048131	2342157	40.48%	5.513%
40	21.742	3173	3175	3184	rVB	293771	474954	8.21%	1.118%
41	22.553	3310	3313	3323	rVB4	141575	273454	4.73%	0.644%
42	23.904	3537	3543	3549	rBV2	164060	483785	8.36%	1.139%
43	24.081	3569	3573	3578	rVB2	123472	233072	4.03%	0.549%
44	24.615	3660	3664	3674	rVB	136966	348839	6.03%	0.821%
45	24.762	3683	3689	3698	rVB	195137	500826	8.66%	1.179%
46	24.915	3707	3715	3724	rVB2	567164	1501835	25.96%	3.535%

Sum of corrected areas: 42480768

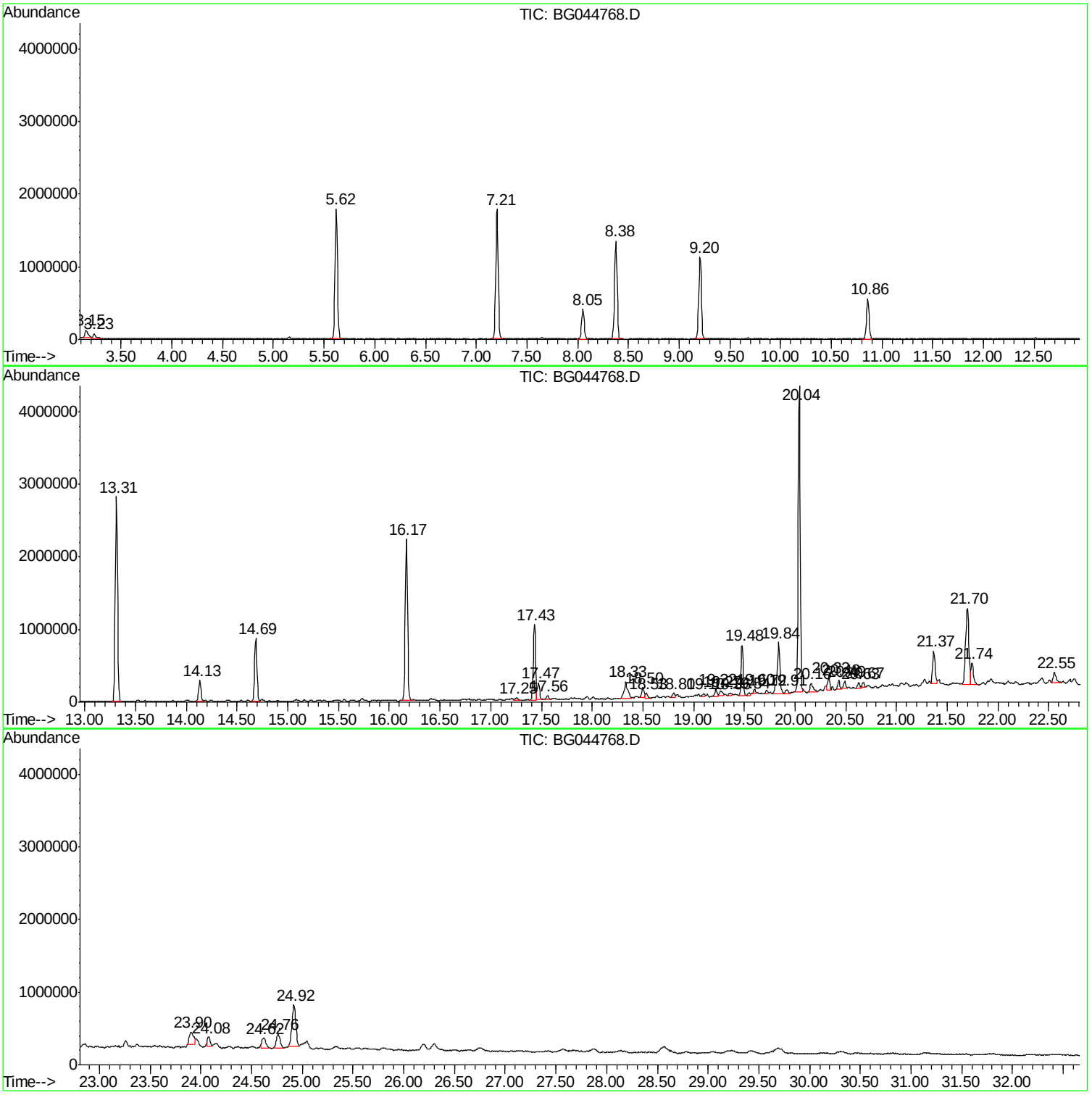
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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 G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

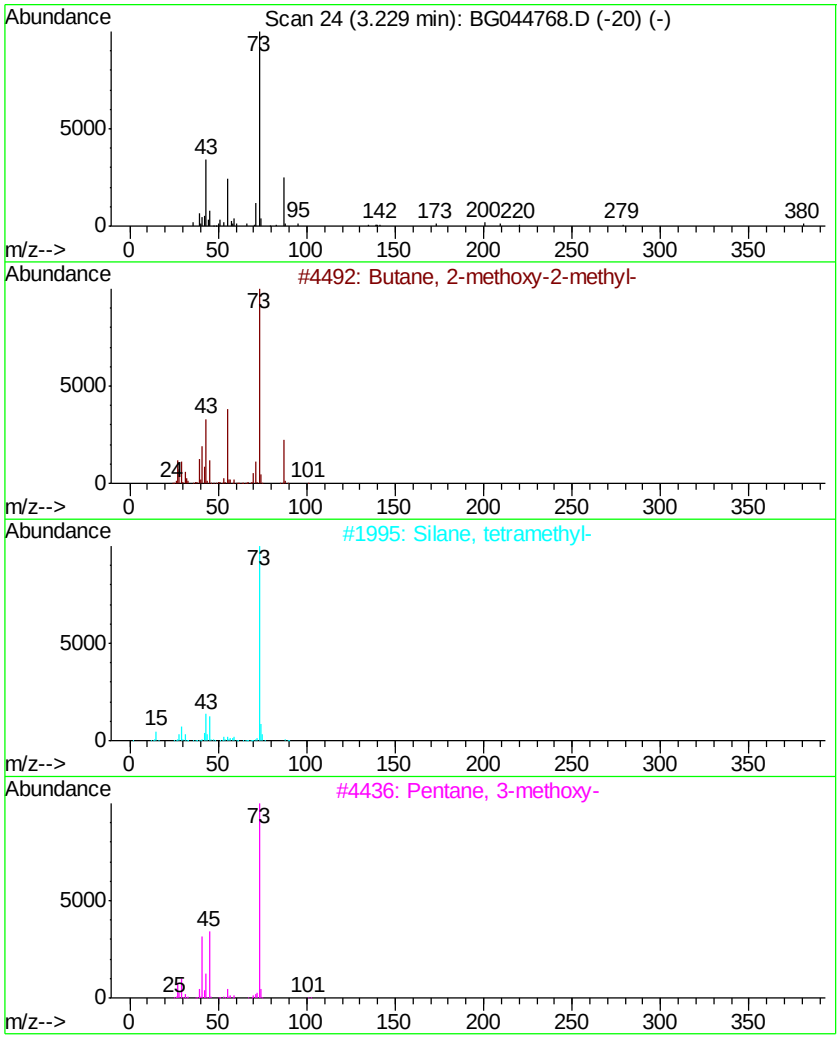
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

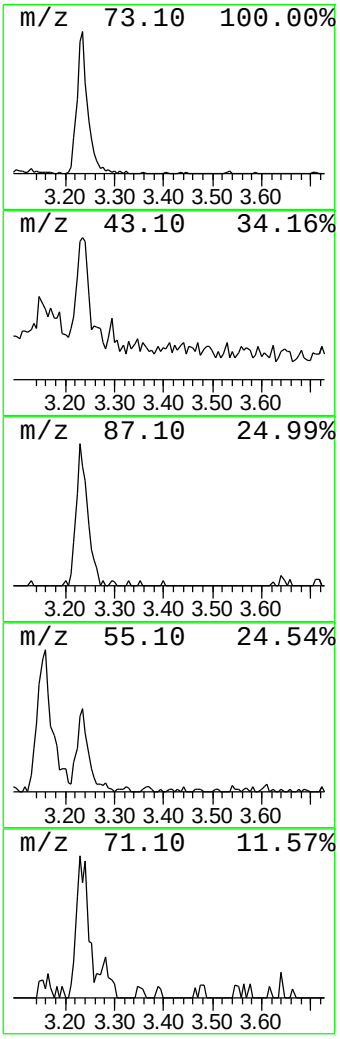
****

Peak Number 2 unknown3.23 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	3.18 ng	113744	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

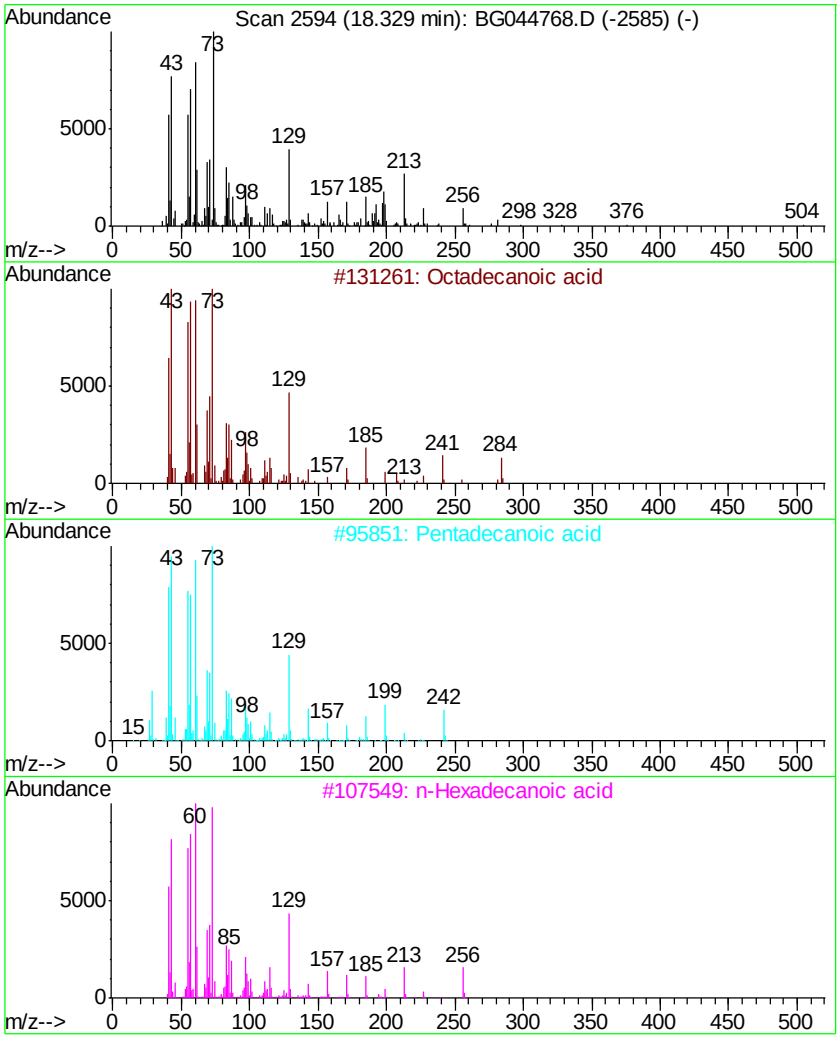
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

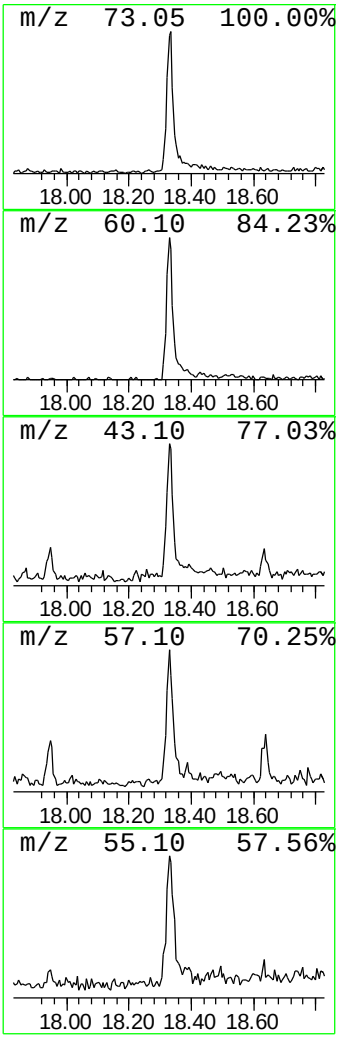
****

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	7.13 ng	592498	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	76
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

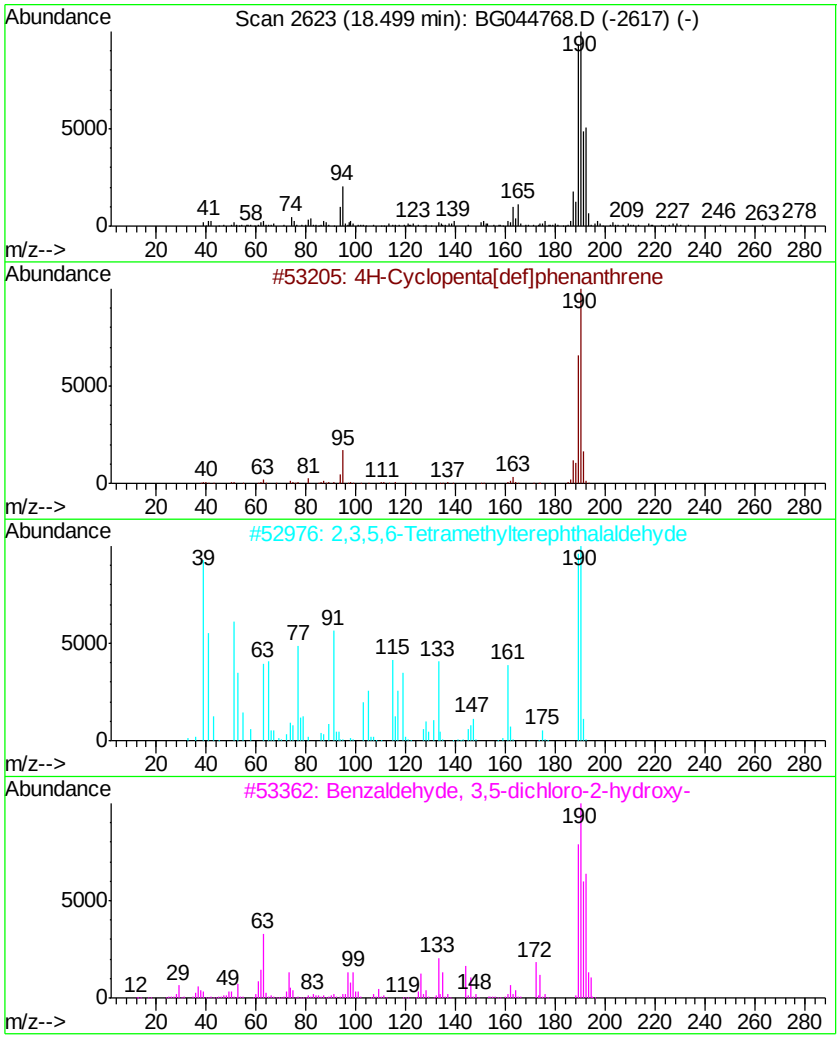
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

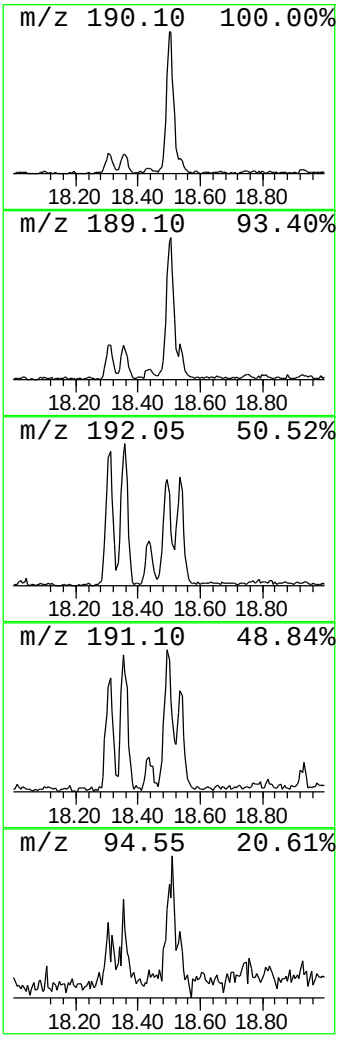
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.23 ng	268172	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	46
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
4	Megastigmatrienone	190	C13H18O	038818-55-2	18
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
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Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

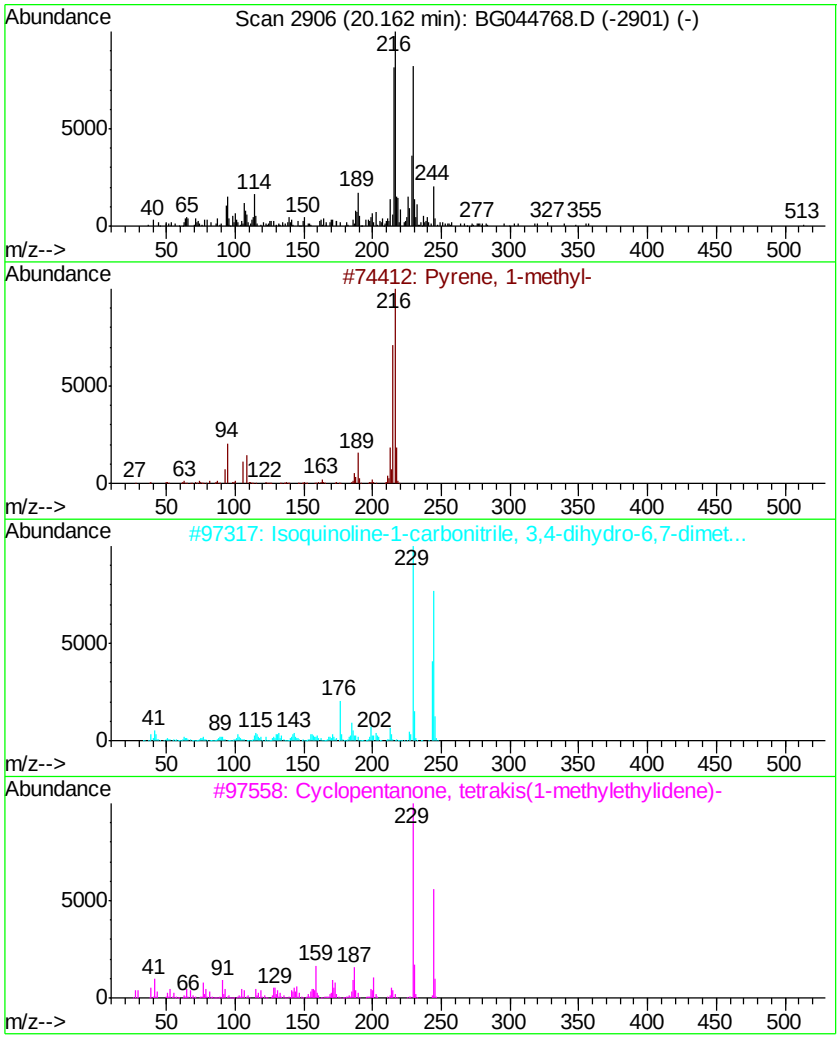
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

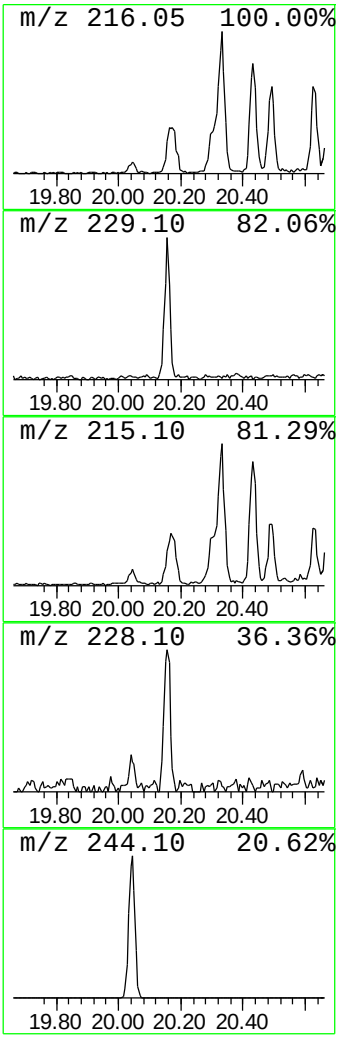
****

Peak Number 6 unknown20.16 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.09 ng	244252	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	47
2	Isoquinoline-1-carbonitrile, 3,4...	244	C14H16N2O2	1000277-26-5	41
3	Cyclopentanone, tetrakis(1-methy...	244	C17H24O	096446-08-1	38
4	Tetralin, 6-acetyl-8-isopropyl-2...	244	C17H24O	1000155-43-5	38
5	2,6-Bis(2-hydroxy-2-propyl)napht...	244	C16H20O2	024157-82-2	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

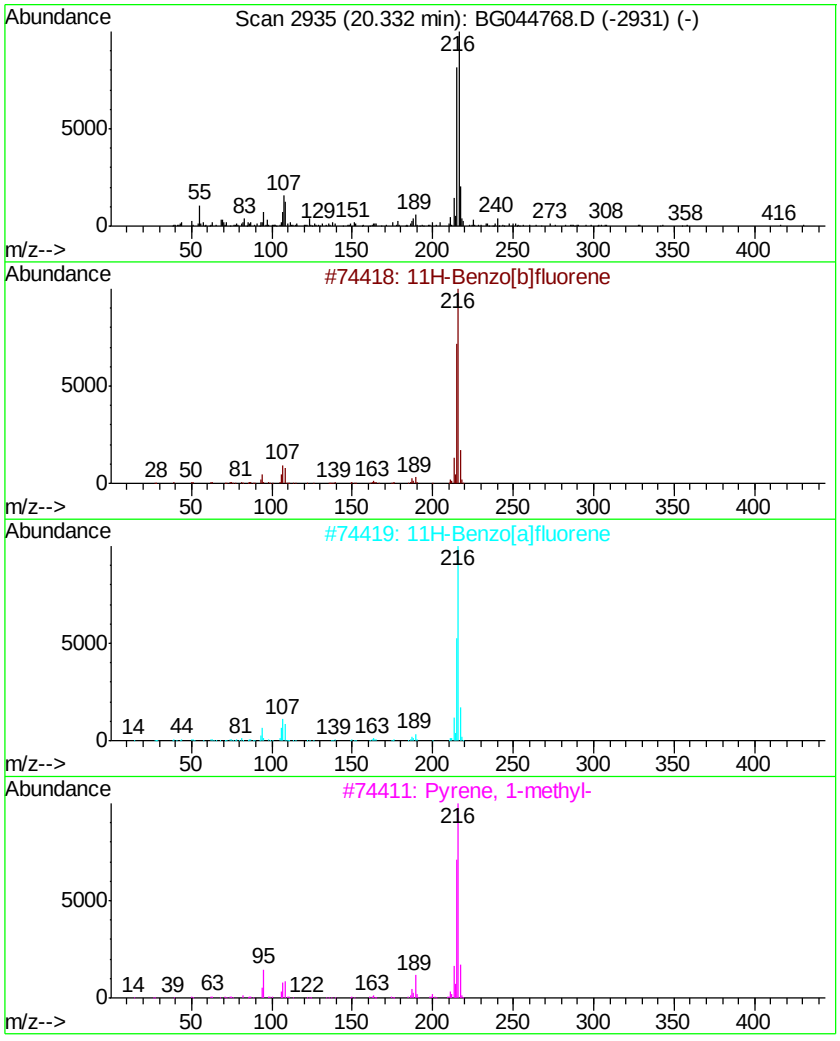
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

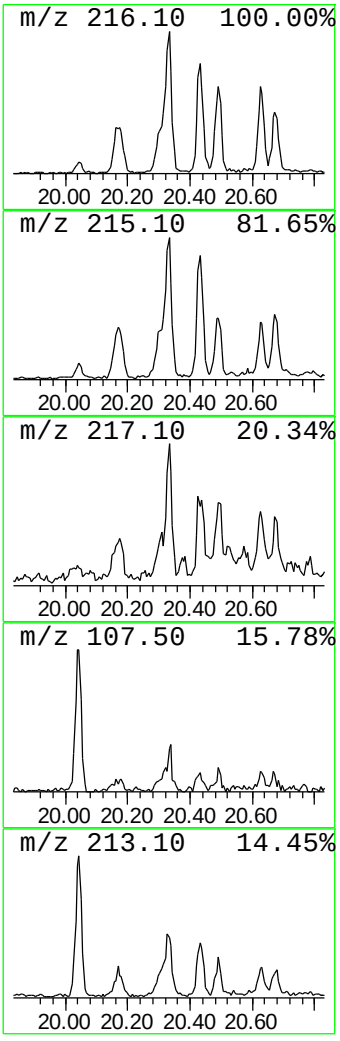
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	2.12 ng	248537	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

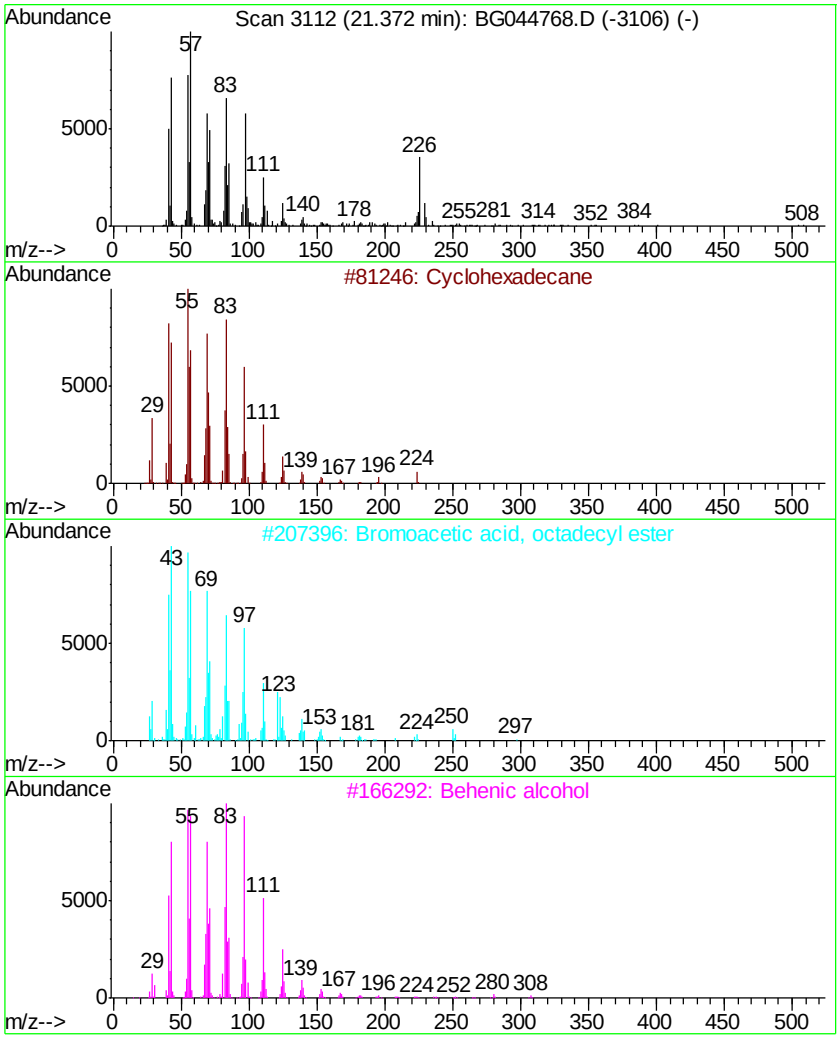
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

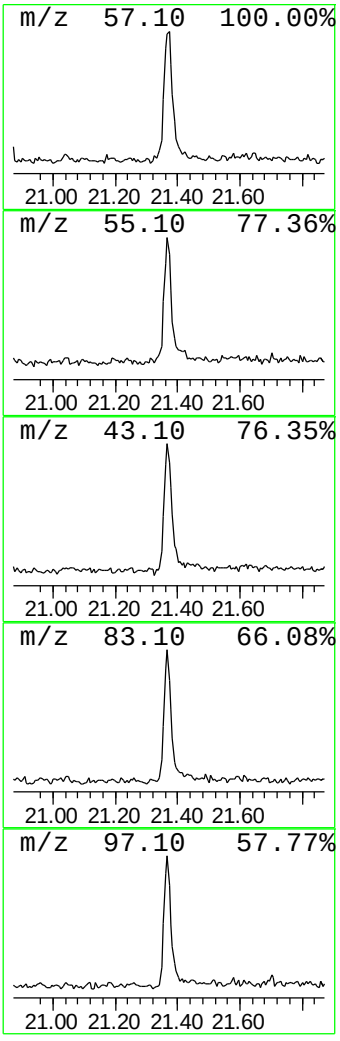
****

Peak Number 8 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	6.19 ng	724442	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

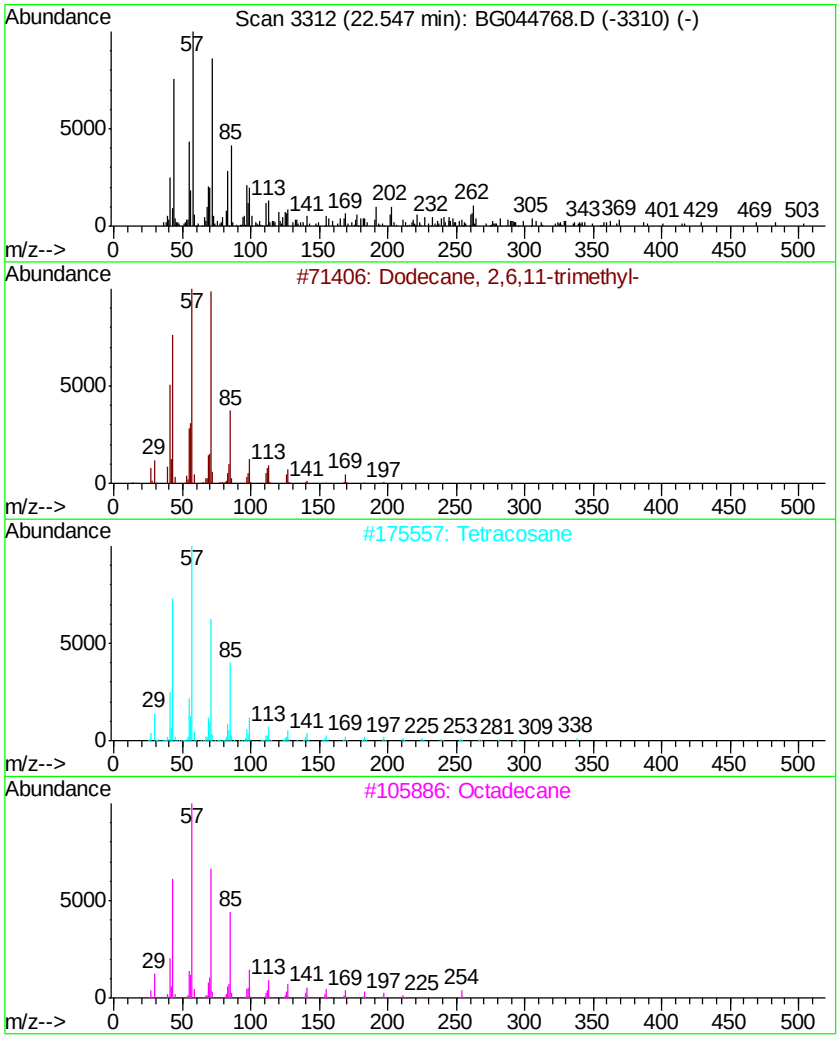
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

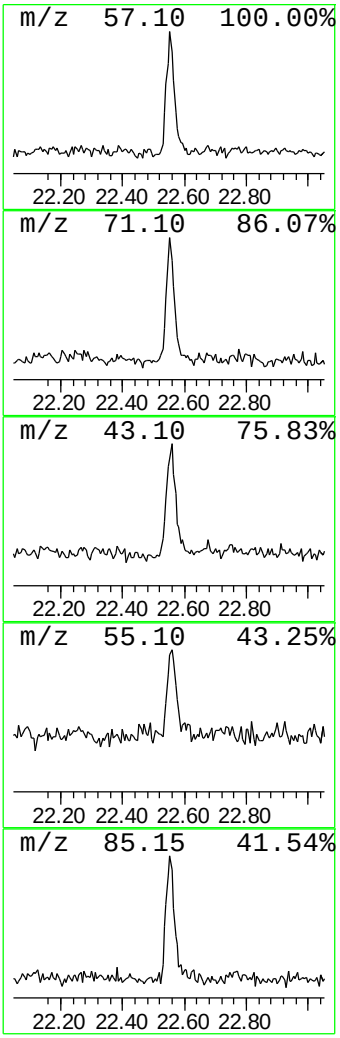
****

Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.34 ng	273454	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Tetracosane	338	C24H50	000646-31-1	78
3	Octadecane	254	C18H38	000593-45-3	78
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	76
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

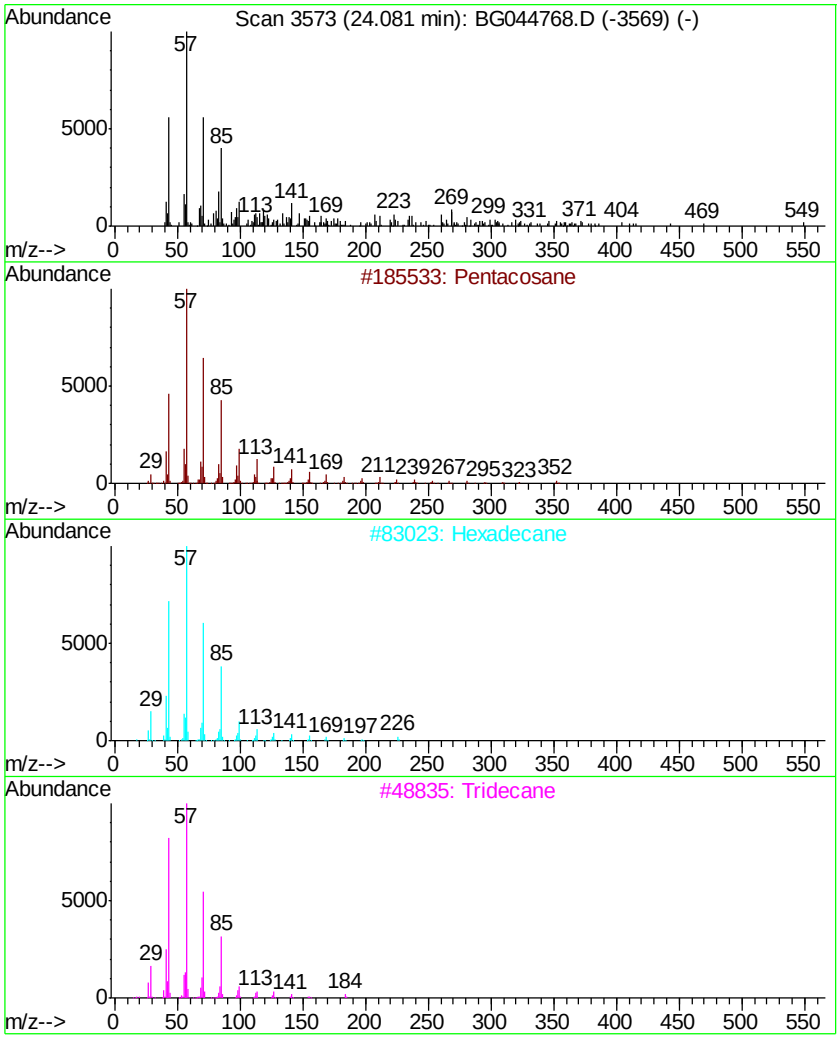
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

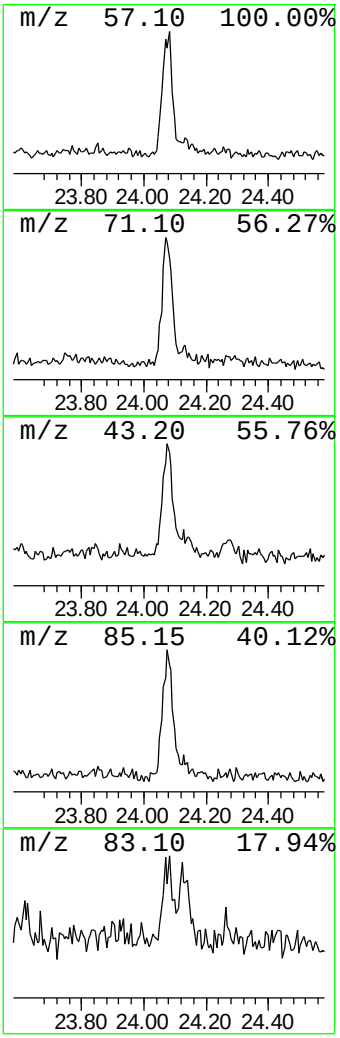
****

Peak Number 10 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	3.10 ng	233072	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Hexadecane	226	C16H34	000544-76-3	81
3	Tridecane	184	C13H28	000629-50-5	74
4	Nonadecane	268	C19H40	000629-92-5	74
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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
unknown3.23	3.23	3.2	ng	113744	1	8.05	716273	20.0
Octadecanoic acid	18.33	7.1	ng	592498	4	17.43	1661600	20.0
4H-Cyclopenta[def...	18.50	3.2	ng	268172	4	17.43	1661600	20.0
unknown20.16	20.16	2.1	ng	244252	5	21.70	2342160	20.0
11H-Benzo[b]fluorene	20.33	2.1	ng	248537	5	21.70	2342160	20.0
Cyclohexadecane	21.37	6.2	ng	724442	5	21.70	2342160	20.0
Dodecane, 2,6,11-...	22.55	2.3	ng	273454	5	21.70	2342160	20.0
Pentacosane	24.08	3.1	ng	233072	6	24.91	1501840	20.0