LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-PATH-BH-01-B

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-BG013020.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	3.129	5	7	17	rVB	33892	52703	1.10%	0.147%
2	5.015	323	328	339	rBV	53439	88257	1.84%	0.245%
3	5.491	402	409	423	rBV	1259915	2077480	43.41%	5.778%
4	7.084	672	680	700	rBV	1302271	2323844	48.55%	6.463%
5	7.912	814	821	829	rBV	297506	500315	10.45%	1.391%
6	8.235	868	876	884	rBV	1064632	1828513	38.21%	5.085%
7	9.069	1008	1018	1031	rBV	763723	1456554	30.43%	4.051%
8	10.715	1289	1298	1317	rBV	388393	745233	15.57%	2.073%
9	13.171	1709	1716	1730	rBV	2268860	3579301	74.79%	9.955%
10	13.999	1850	1857	1863	rBV	139496	219771	4.59%	0.611%
11	14.551	1944	1951	1958	rBV	681706	1108049	23.15%	3.082%
12	16.038	2197	2204	2218	rBV	1769547	2763776	57.75%	7.687%
13	17.295	2411	2418	2422	rBV	847035	1334405	27.88%	3.711%
14	17.336	2422	2425	2431	rVV	247171	343999	7.19%	0.957%
15	17.424	2431	2440	2447	rVB	117059	194307	4.06%	0.540%
16	18.171	2561	2567	2571	rBV	73835	115306	2.41%	0.321%
17	18.218	2571	2575	2580	rVV	85251	122294	2.56%	0.340%
18	18.300	2584	2589	2594	rVV	54790	84854	1.77%	0.236%
19	18.364	2594	2600	2604	rVV2	118878	236538	4.94%	0.658%
20	18.400	2604	2606	2614	rVB2	61937	80431	1.68%	0.224%
21	18.670	2647	2652	2655	rBV	66134	94300	1.97%	0.262%
22	19.081	2713	2722	2727	rBV2	57423	119625	2.50%	0.333%
23	19.146	2727	2733	2736	rBV4	29487	60115	1.26%	0.167%
24	19.346	2761	2767	2774	rBV	721588	1010579	21.12%	2.811%
25	19.493	2788	2792	2796	rBV	67645	97485	2.04%	0.271%
26	19.592	2804	2809	2817	rVB3	41979	84392	1.76%	0.235%
27	19.704	2818	2828	2837	rVV2	673428	1166734	24.38%	3.245%
28	19.780	2837	2841	2848	rVB2	51921	87510	1.83%	0.243%
29	19.910	2854	2863	2875	rVB	3591433	4786015	100.00%	13.311%
30	20.039	2877	2885	2891	rBV3	66887	174870	3.65%	0.486%
31	20.198	2902	2912	2920	rVB	158358	334491	6.99%	0.930%
32	20.297	2921	2929	2933	rBV	111012	174363	3.64%	0.485%
33	20.356	2933	2939	2944	rVB3	93255	163163	3.41%	0.454%
34	20.497	2959	2963	2966	rBV2	54321	68789	1.44%	0.191%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-PATH-BH-01-B

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-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.544	2967	2971	2976	rVB	48082	68979	1.44%	0.192%
36	20.656	2986	2990	2994	rVB5	34412	51390	1.07%	0.143%
37	20.956	3037	3041	3047	rVB3	45579	89225	1.86%	0.248%
38	21.132	3065	3071	3074	rBV2	45980	86855	1.81%	0.242%
39	21.173	3074	3078	3080	rVV	67460	94120	1.97%	0.262%
40	21.208	3080	3084	3091	rVV3	187885	370198	7.73%	1.030%
41	21.273	3091	3095	3105	rVB2	47613	115750	2.42%	0.322%
42	21.537	3131	3140	3145	rBV2	993263	2154197	45.01%	5.991%
43	21.578	3145	3147	3158	rVB	311404	488626	10.21%	1.359%
44	21.743	3169	3175	3179	rBV3	55347	111742	2.33%	0.311%
45	21.790	3179	3183	3189	rVB3	39888	73034	1.53%	0.203%
46	21.937	3202	3208	3215	rBV5	30131	72253	1.51%	0.201%
47	22.248	3253	3261	3267	rVV	75773	172711	3.61%	0.480%
48	22.330	3268	3275	3283	rVB2	70869	163919	3.42%	0.456%
49	22.513	3301	3306	3309	rBV	26891	53366	1.12%	0.148%
50	22.554	3309	3313	3320	rVB4	38799	82641	1.73%	0.230%
51	23.000	3385	3389	3395	rVB3	77514	137882	2.88%	0.383%
52	23.182	3415	3420	3428	rVB	86486	160196	3.35%	0.446%
53	23.652	3491	3500	3508	rBV	182477	641432	13.40%	1.784%
54	23.776	3516	3521	3527	rVB2	68020	129179	2.70%	0.359%
55	23.899	3537	3542	3551	rVB2	50349	113841	2.38%	0.317%
56	24.346	3611	3618	3630	rVB	115660	337406	7.05%	0.938%
57	24.481	3632	3641	3652	rVB2	182456	492383	10.29%	1.369%
58	24.634	3656	3667	3674	rBV	529086	1499166	31.32%	4.169%
59	25.768	3852	3860	3869	rBV5	45062	140972	2.95%	0.392%
60	28.118	4253	4260	4280	rVB4	66477	308306	6.44%	0.857%
61	29.199	4437	4444	4445	rBV2	38346	67421	1.41%	0.188%

Sum of corrected areas: 35955551

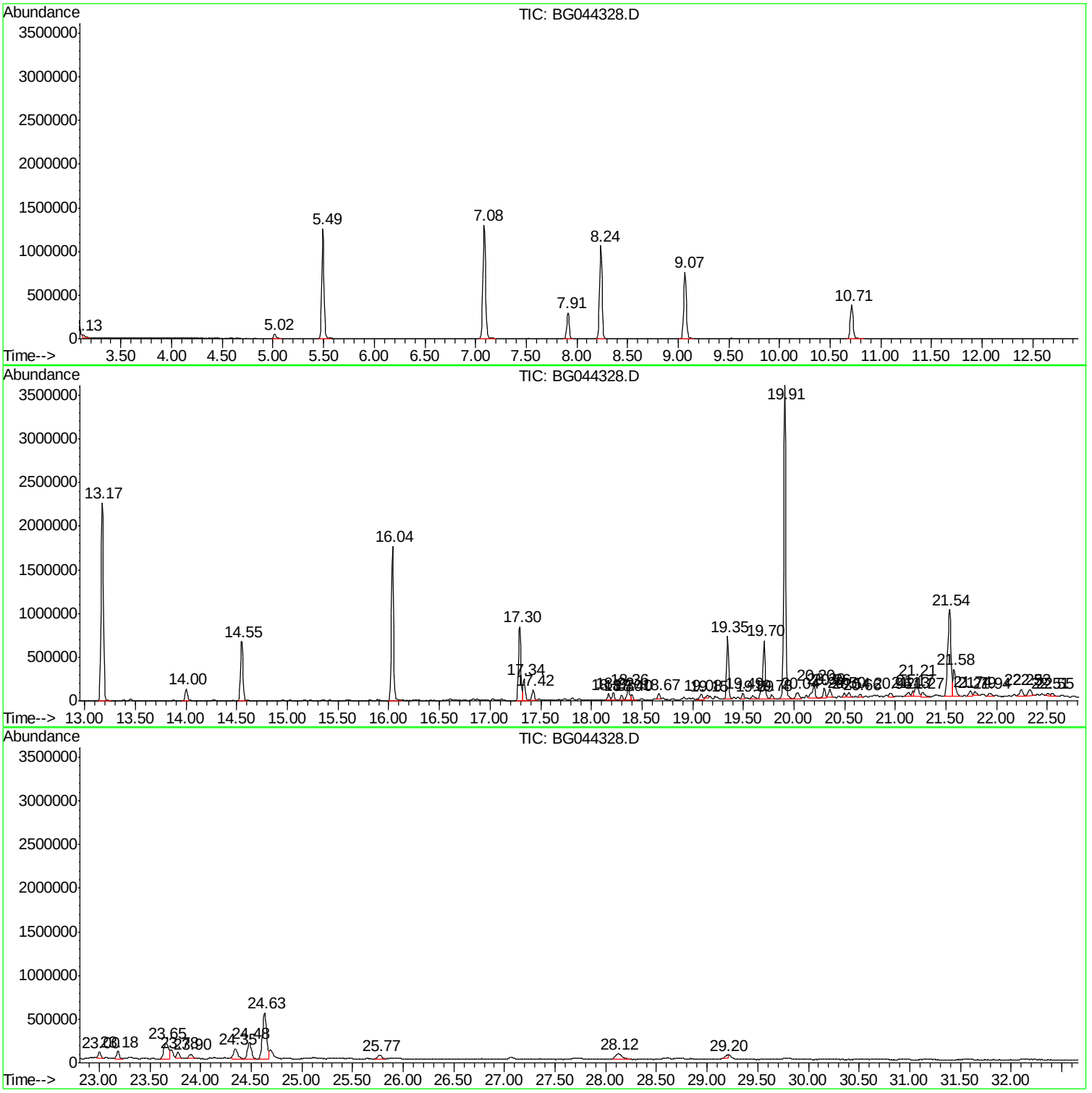
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-PATH-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

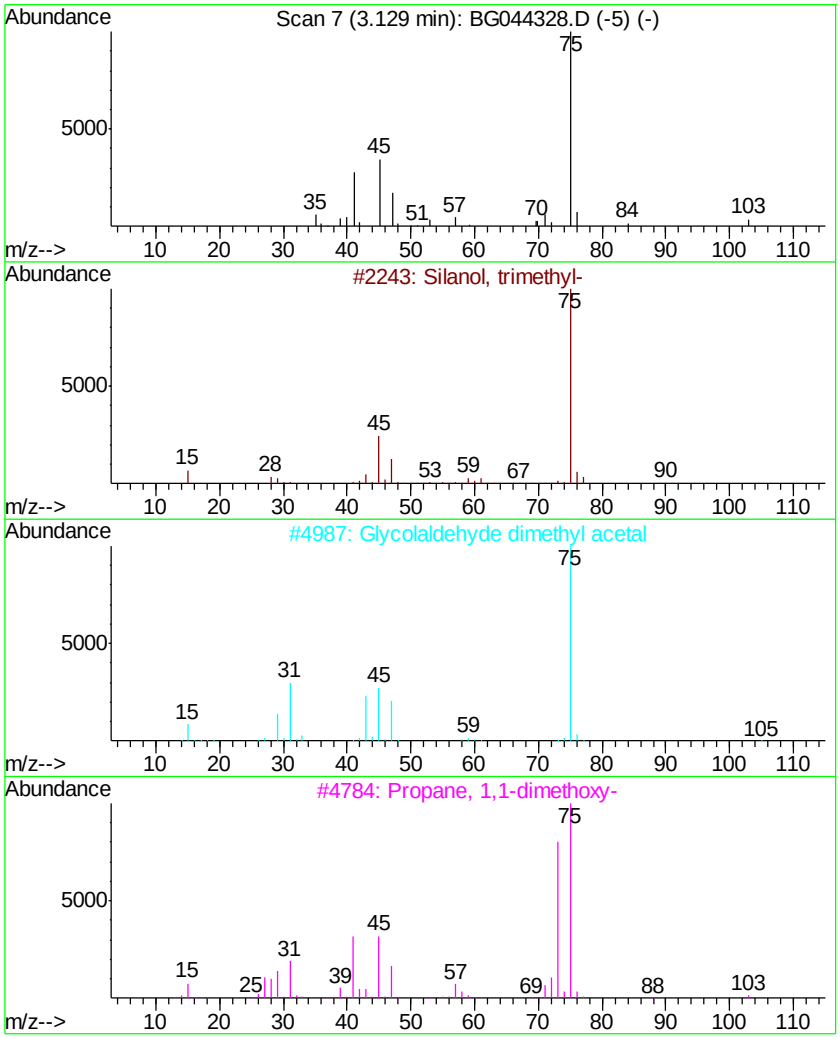
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

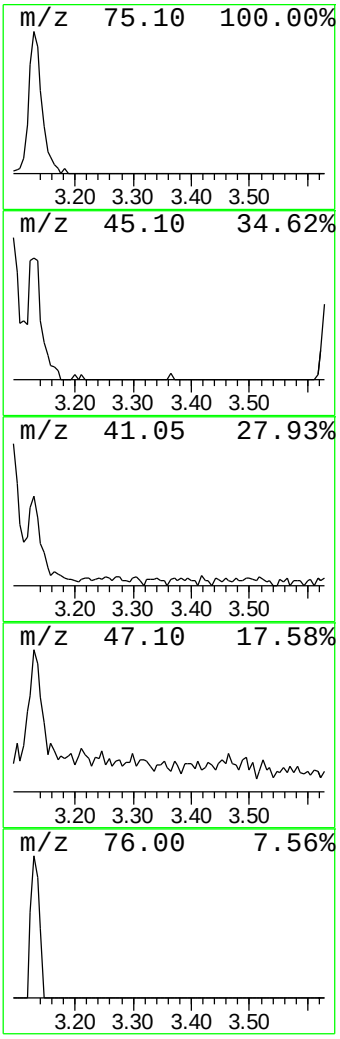
****

Peak Number 1 Silanol, trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	2.11 ng	52703	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	56
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	9
3	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	9
4	Ethane, 2-chloro-1,1-dimethoxy-	124	C4H9ClO2	000097-97-2	9
5	Formamide, N-methylthio	75	C2H5NS	018952-41-5	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-PATH-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

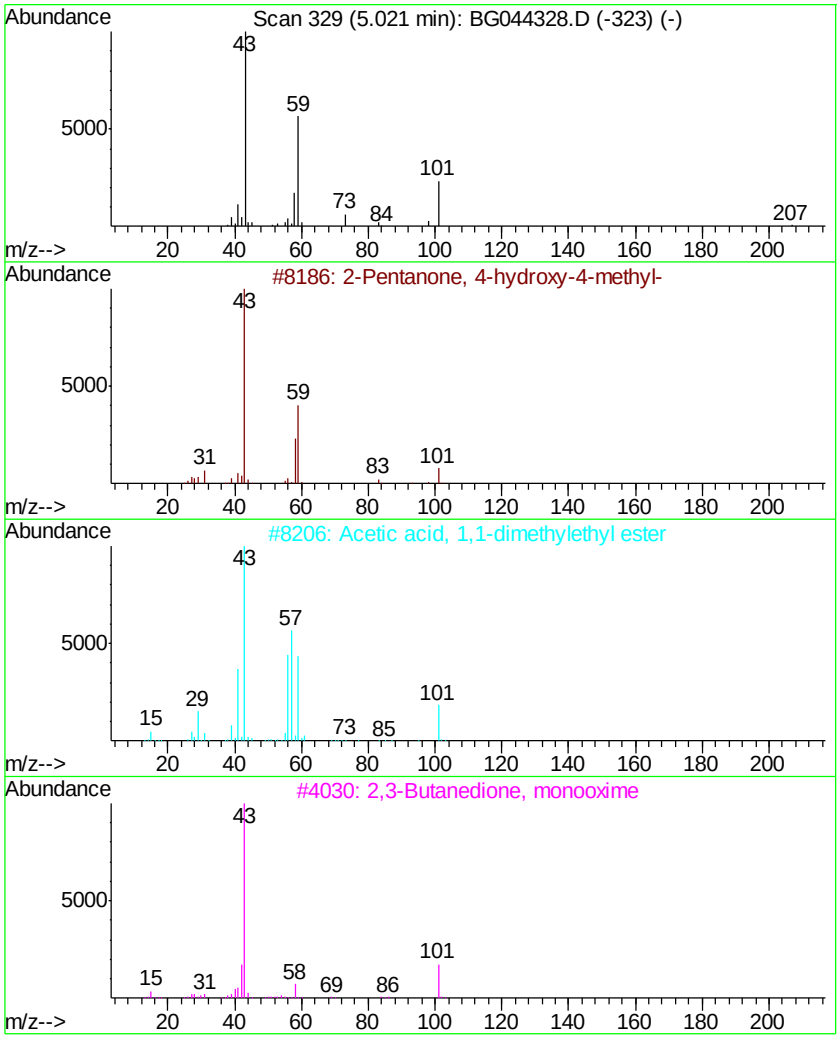
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

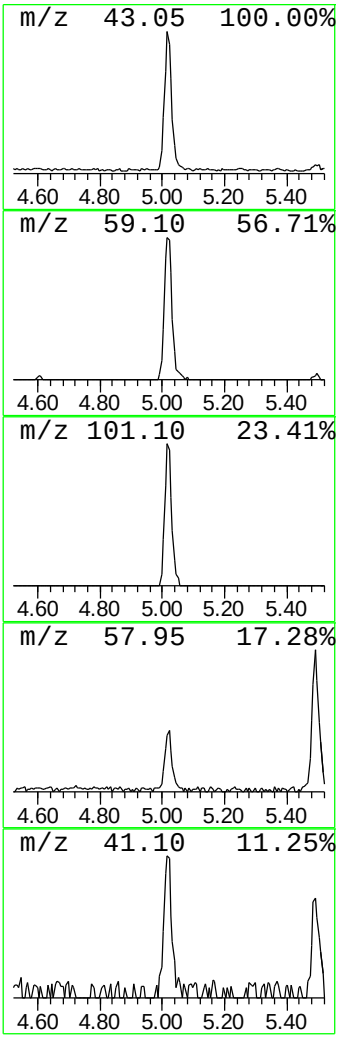
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.53 ng	88257	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-PATH-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

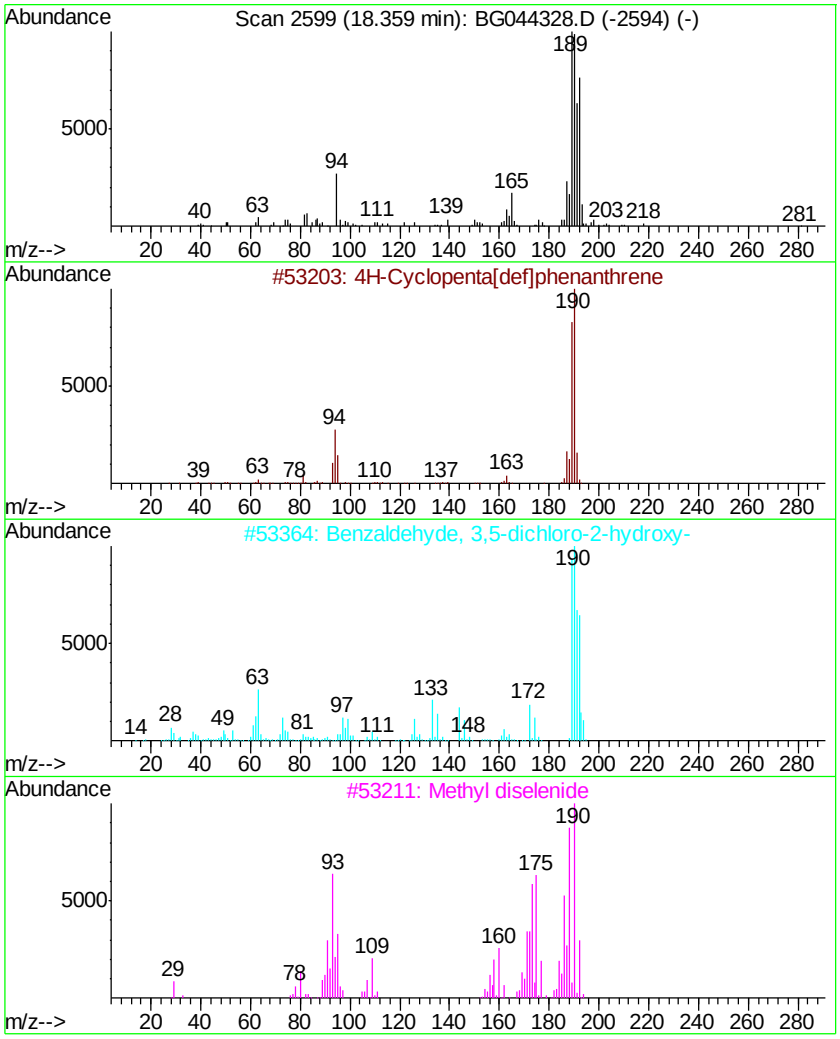
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

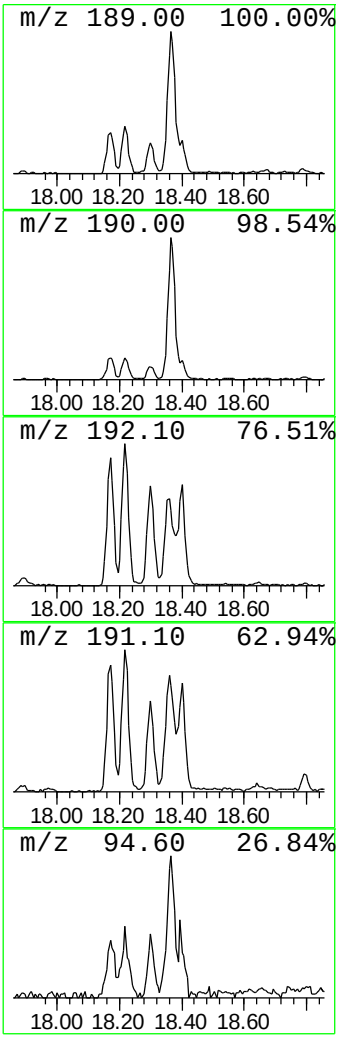
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.55 ng	236538	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
3	Methyl diselenide	190	C2H6Se2	007101-31-7	35
4	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	16
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

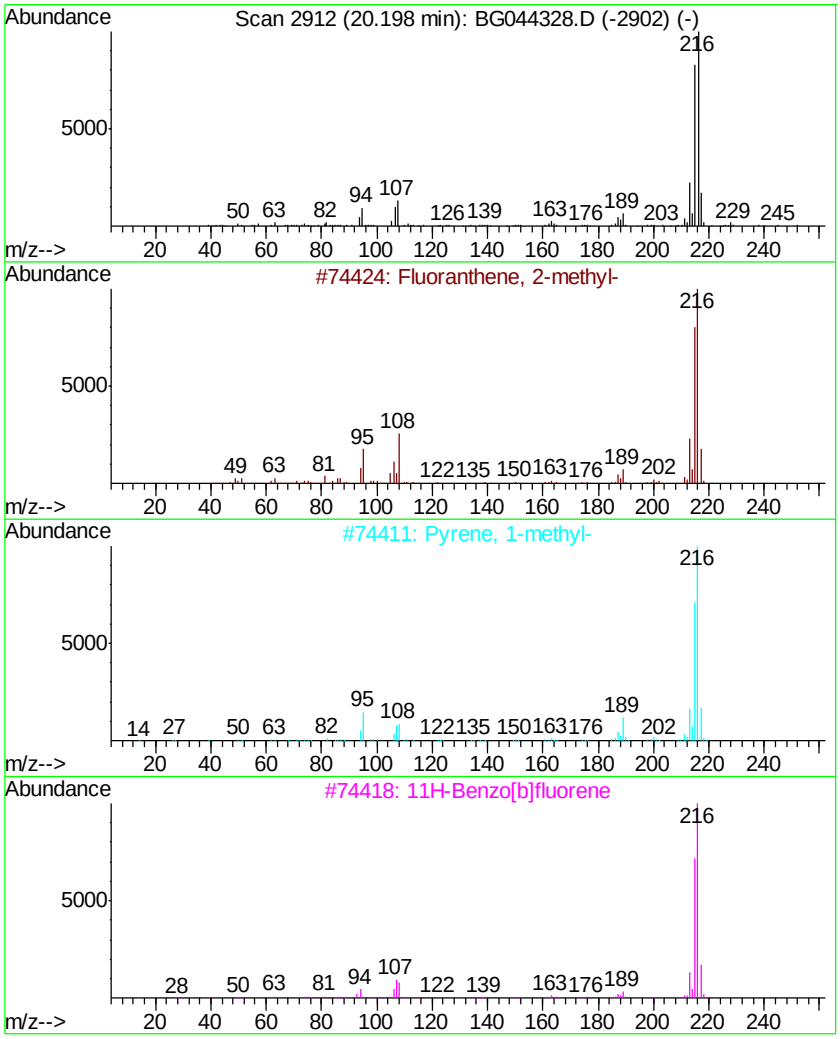
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

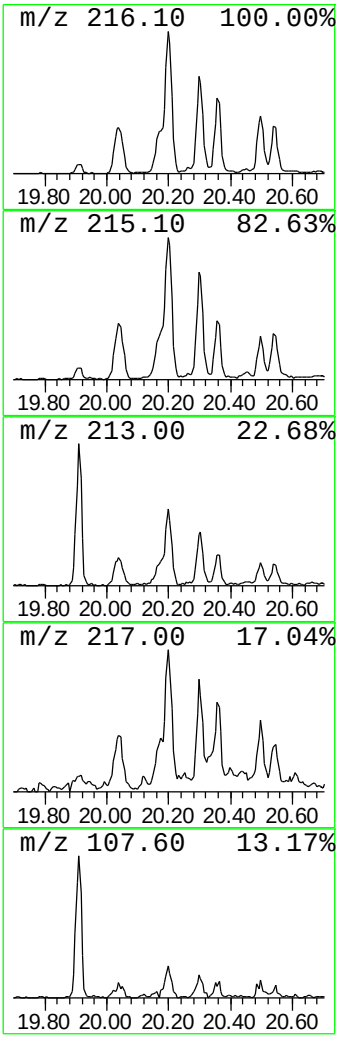
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	3.11 ng	334491	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-PATH-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

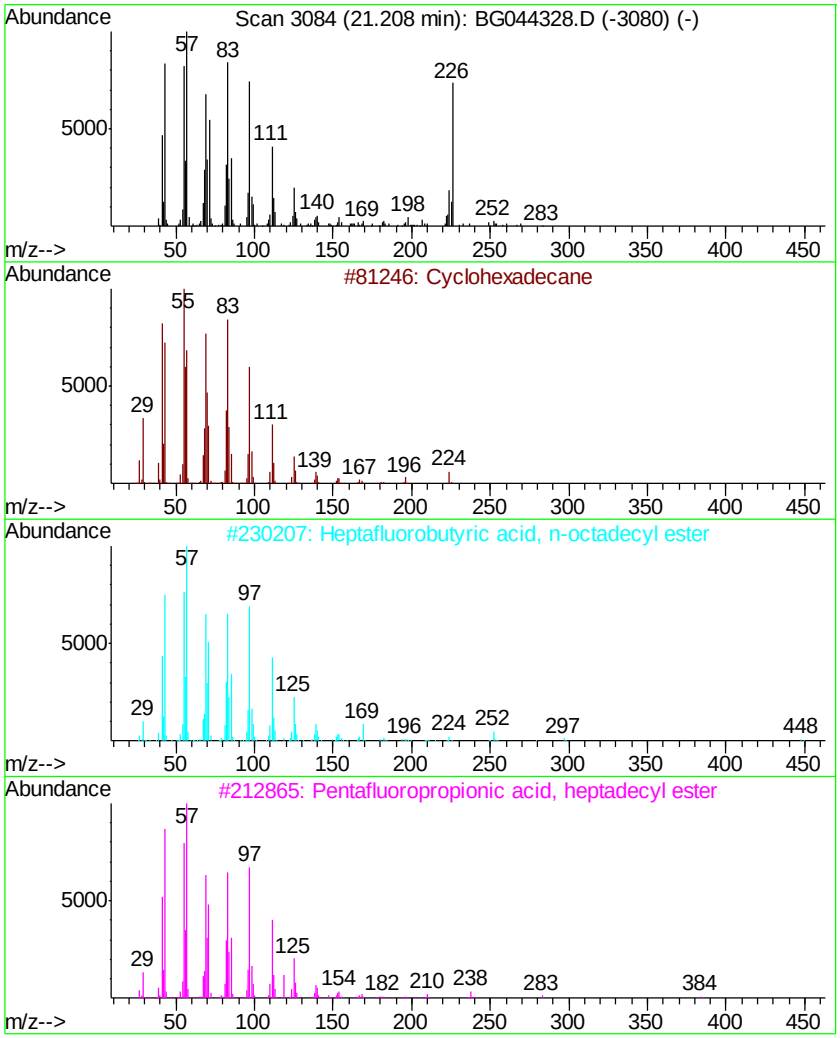
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

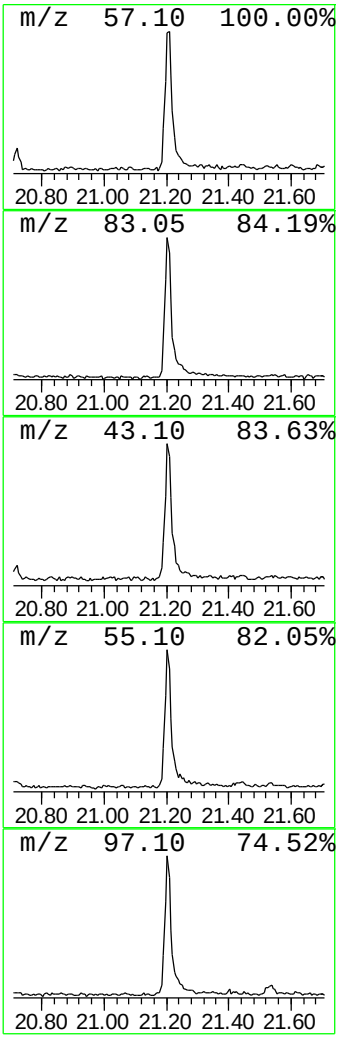
****

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	3.44 ng	370198	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	89
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	89
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-PATH-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

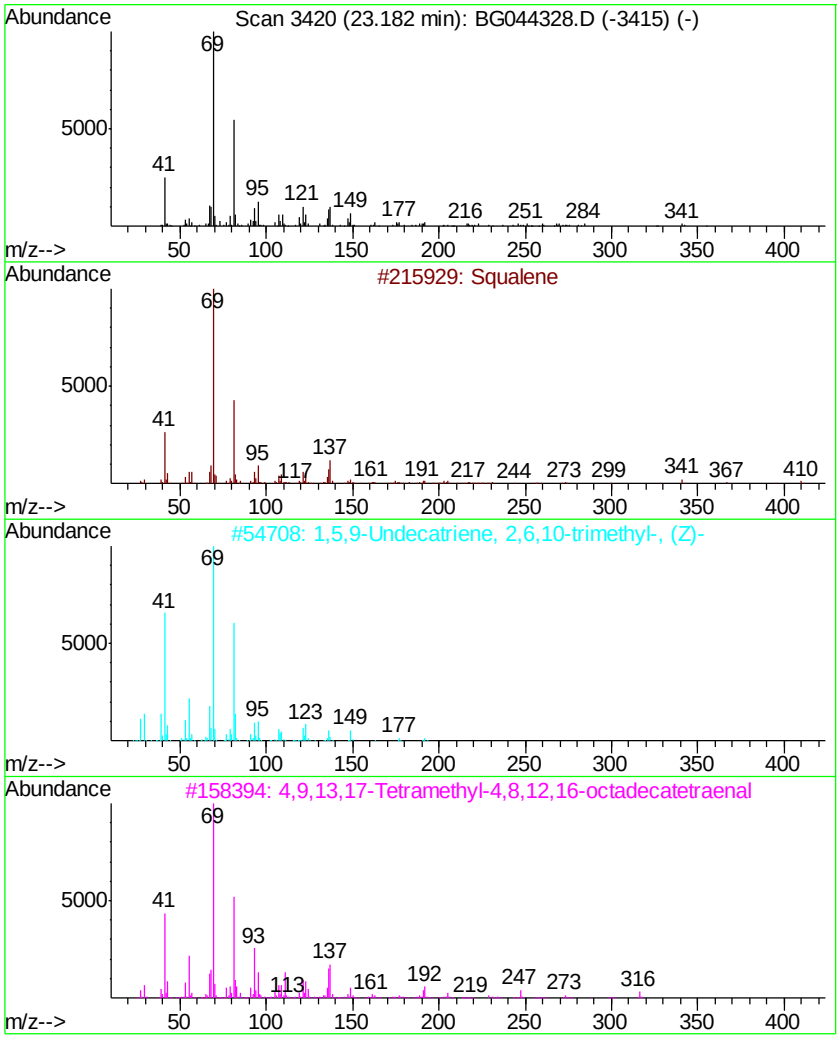
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

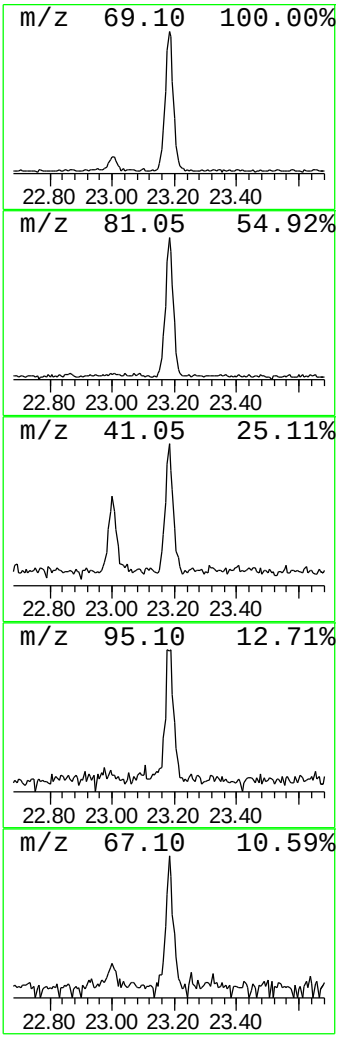
****

Peak Number 7 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.14 ng	160196	Perylene-d12	24.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	80
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
4	Supraene	410	C30H50	007683-64-9	72
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-PATH-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

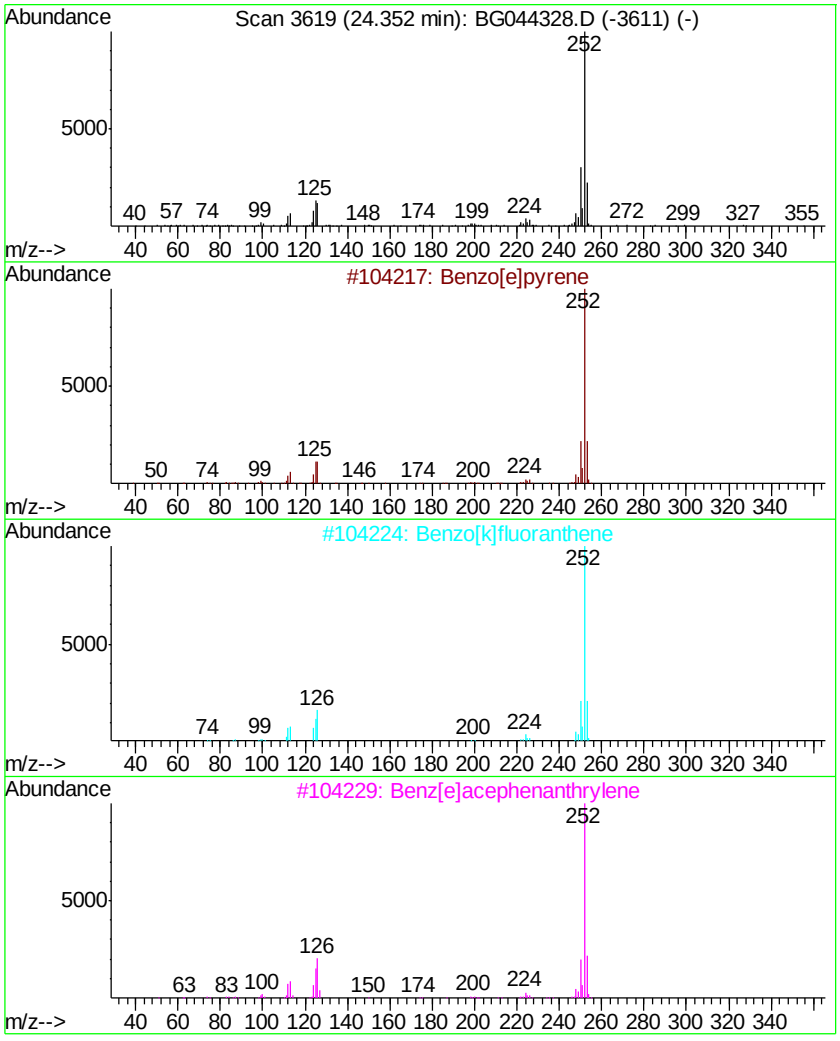
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

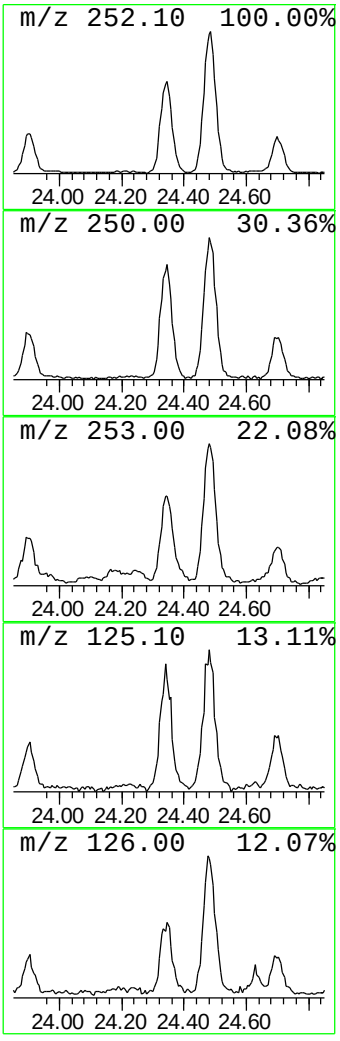
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.35	4.50 ng	337406	Perylene-d12	24.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020620\
Data File : BG044328.D
Acq On : 6 Feb 2020 18:34
Operator : CG/JU
Sample : L1408-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-PATH-BH-01-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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
Silanol, trimethyl-	3.13	2.1	ng	52703	1	7.91	500315	20.0
2-Pentanone, 4-hy...	5.02	3.5	ng	88257	1	7.91	500315	20.0
4H-Cyclopenta[def...	18.36	3.5	ng	236538	4	17.30	1334410	20.0
Pyrene, 1-methyl-	20.20	3.1	ng	334491	5	21.54	2154200	20.0
Cyclohexadecane	21.21	3.4	ng	370198	5	21.54	2154200	20.0
Squalene	23.18	2.1	ng	160196	6	24.63	1499170	20.0
Benzo[e]pyrene	24.35	4.5	ng	337406	6	24.63	1499170	20.0