LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

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:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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	3.493	29	35	53	rBV	1394858	2344680	41.86%	3.018%
2	4.827	257	262	271	rVB	53860	85929	1.53%	0.111%
3	5.220	323	329	338	rBV	46504	70309	1.26%	0.090%
4	5.702	404	411	429	rBV	412220	706108	12.61%	0.909%
5	7.306	674	684	701	rBV	250992	485373	8.67%	0.625%
6	7.676	739	747	756	rBV	818554	1417890	25.31%	1.825%
7	8.140	820	826	831	rBV	184593	314221	5.61%	0.404%
8	8.193	831	835	845	rVB	65115	109465	1.95%	0.141%
9	8.469	873	882	895	rBV	798116	1410672	25.19%	1.816%
10	9.310	1017	1025	1038	rBV	630501	1118045	19.96%	1.439%
11	10.955	1297	1305	1319	rBV	267145	494494	8.83%	0.636%
12	11.607	1408	1416	1425	rBV	60422	121143	2.16%	0.156%
13	13.387	1710	1719	1730	rBV	2118862	3374165	60.24%	4.343%
14	14.762	1946	1953	1966	rVB2	459670	773703	13.81%	0.996%
15	15.485	2070	2076	2081	rBV	55114	80528	1.44%	0.104%
16	16.102	2177	2181	2187	rBV	39767	60385	1.08%	0.078%
17	16.243	2198	2205	2217	rBV	1653833	2671560	47.70%	3.439%
18	16.560	2255	2259	2266	rBV	55611	73760	1.32%	0.095%
19	16.713	2280	2285	2289	rBV	194081	260258	4.65%	0.335%
20	16.754	2289	2292	2297	rVB	218873	268995	4.80%	0.346%
21	16.866	2306	2311	2320	rVB	253079	327805	5.85%	0.422%
22	17.065	2338	2345	2350	rBV	442510	625201	11.16%	0.805%
23	17.377	2392	2398	2409	rVV	1734309	2347439	41.91%	3.021%
24	17.482	2409	2416	2422	rBV3	1592931	3171136	56.62%	4.082%
25	17.535	2422	2425	2432	rVB	1312194	1658670	29.61%	2.135%
26	17.647	2438	2444	2449	rVB	1317113	1725618	30.81%	2.221%
27	17.841	2469	2477	2482	rBV	1927205	2910589	51.96%	3.746%
28	17.882	2482	2484	2489	rVB	212120	256452	4.58%	0.330%
29	17.982	2497	2501	2506	rVB4	62606	97295	1.74%	0.125%
30	18.041	2506	2511	2514	rBV3	59344	114940	2.05%	0.148%
31	18.146	2523	2529	2533	rBV	4000389	5601205	100.00%	7.209%
32	18.193	2533	2537	2539	rVV	1343949	1923946	34.35%	2.476%
33	18.217	2539	2541	2545	rVV	1367081	1435640	25.63%	1.848%
34	18.270	2545	2550	2558	rVB	1405277	1924800	34.36%	2.477%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

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:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.375	2560	2568	2573	rBV	1456524	2003429	35.77%	2.579%
36	18.434	2574	2578	2581	rBV5	79913	130253	2.33%	0.168%
37	18.569	2591	2601	2605	rBV	1912006	2957298	52.80%	3.806%
38	18.611	2605	2608	2612	rVV	318604	485993	8.68%	0.626%
39	18.646	2612	2614	2618	rVB	127809	152271	2.72%	0.196%
40	18.769	2632	2635	2641	rVB3	246013	327345	5.84%	0.421%
41	18.846	2642	2648	2653	rBV	3321322	4575569	81.69%	5.889%
42	18.940	2659	2664	2667	rBV4	239386	447822	8.00%	0.576%
43	19.039	2676	2681	2684	rBV3	99624	199730	3.57%	0.257%
44	19.139	2694	2698	2701	rBV4	306266	531443	9.49%	0.684%
45	19.186	2702	2706	2709	rVV5	332485	551234	9.84%	0.710%
46	19.316	2725	2728	2733	rVB4	237800	277092	4.95%	0.357%
47	19.474	2750	2755	2759	rBV5	560821	1170191	20.89%	1.506%
48	19.509	2759	2761	2764	rVV2	383630	422495	7.54%	0.544%
49	19.551	2766	2768	2772	rVV3	310753	425081	7.59%	0.547%
50	19.586	2772	2774	2778	rVB	450788	491029	8.77%	0.632%
51	19.627	2778	2781	2784	rBV3	270576	285187	5.09%	0.367%
52	19.692	2788	2792	2795	rBV3	543764	728786	13.01%	0.938%
53	19.733	2795	2799	2804	rBV3	425347	795141	14.20%	1.023%
54	19.821	2810	2814	2817	rBV3	524121	863273	15.41%	1.111%
55	19.985	2839	2842	2845	rBV2	697078	1015129	18.12%	1.307%
56	20.097	2857	2861	2867	rVB	3890801	4990670	89.10%	6.424%
57	20.203	2876	2879	2883	rBV3	351839	452071	8.07%	0.582%
58	20.250	2883	2887	2892	rVB5	322355	639653	11.42%	0.823%
59	20.303	2892	2896	2900	rBV4	853250	1129209	20.16%	1.453%
60	20.520	2931	2933	2936	rBV5	376010	476846	8.51%	0.614%
61	20.591	2942	2945	2947	rBV2	351638	440331	7.86%	0.567%
62	20.626	2948	2951	2954	rVV3	477638	618124	11.04%	0.796%
63	20.690	2959	2962	2968	rBV6	606183	890856	15.90%	1.147%
64	20.755	2970	2973	2975	rBV	621735	736411	13.15%	0.948%
65	21.137	3034	3038	3046	rVB7	748394	1439999	25.71%	1.853%
66	21.830	3153	3156	3159	rBV3	447046	775689	13.85%	0.998%
67	22.083	3194	3199	3202	rBV4	778501	1459445	26.06%	1.878%
68	22.318	3234	3239	3250	rVB3	1024716	2200375	39.28%	2.832%
69	22.700	3300	3304	3310	rVB4	620406	1061263	18.95%	1.366%
70	28.029	4203	4211	4223	rVB3	321688	1183058	21.12%	1.523%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A017

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:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 77692210

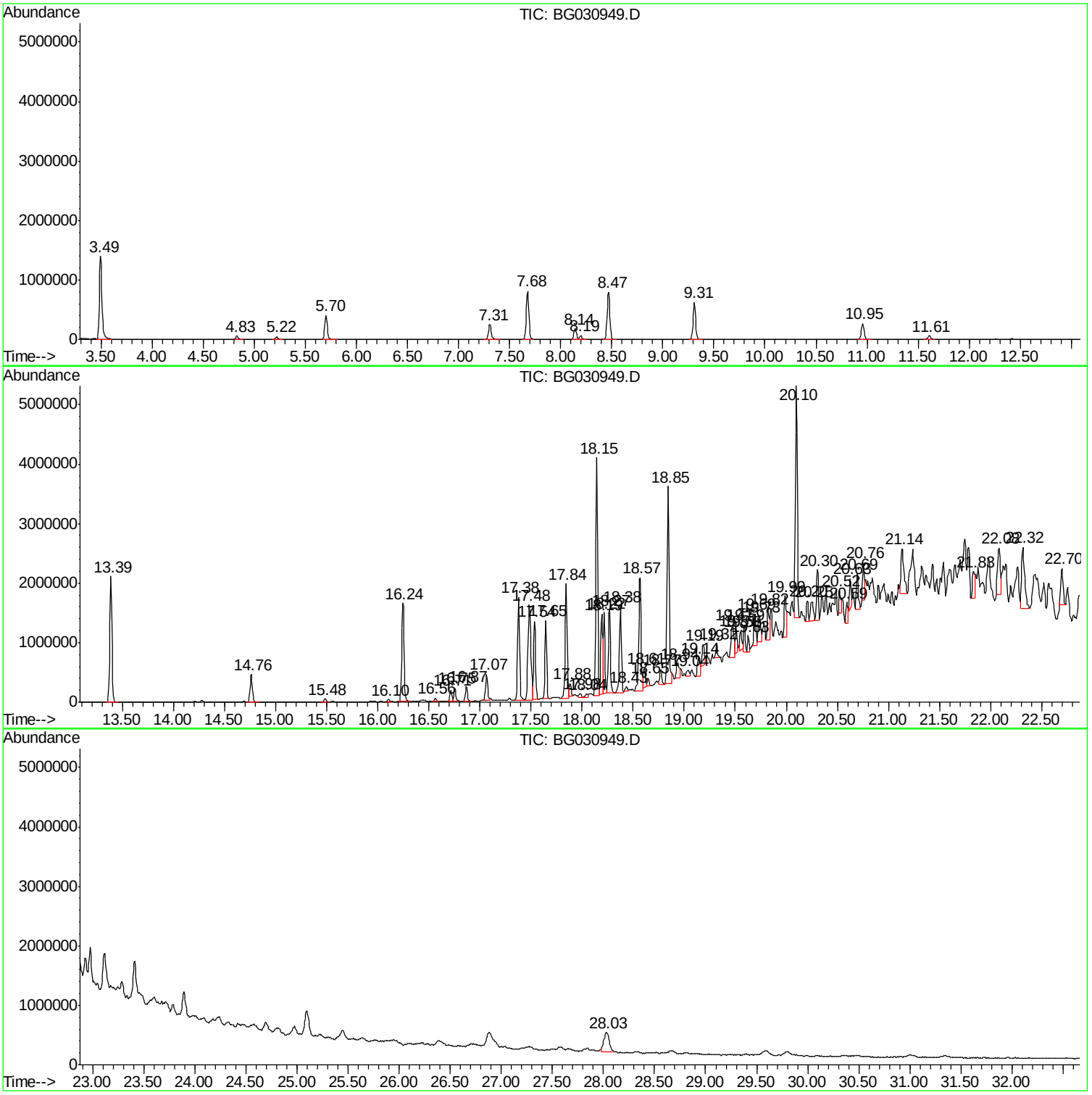
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

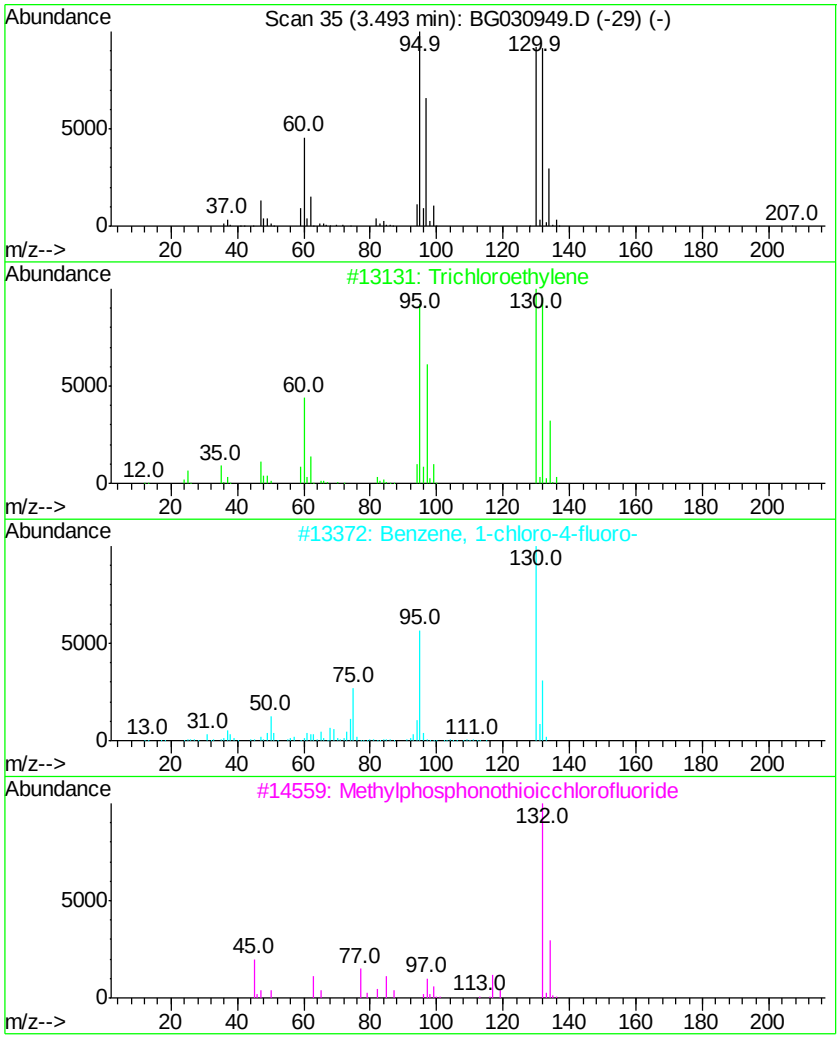
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

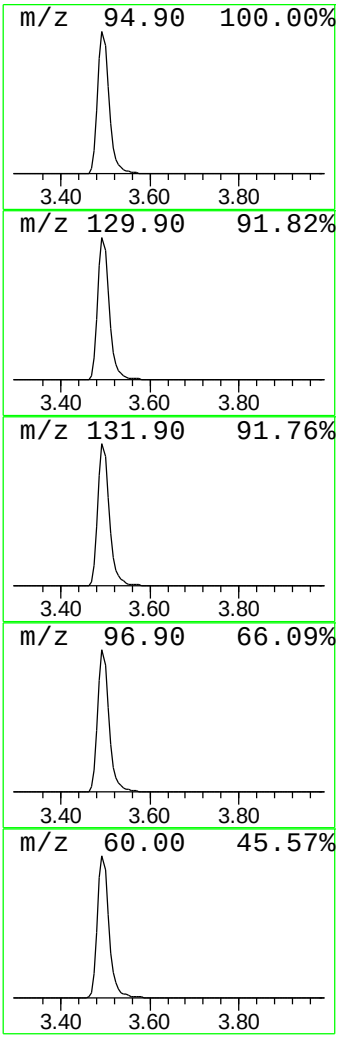
****

Peak Number 1 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	149.24 ng	2344680	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	14
3	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	10
4	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	10
5	1,3-Oxathiane, 4,6-dimethyl-, tr...	132	C6H12OS	022452-26-2	10





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

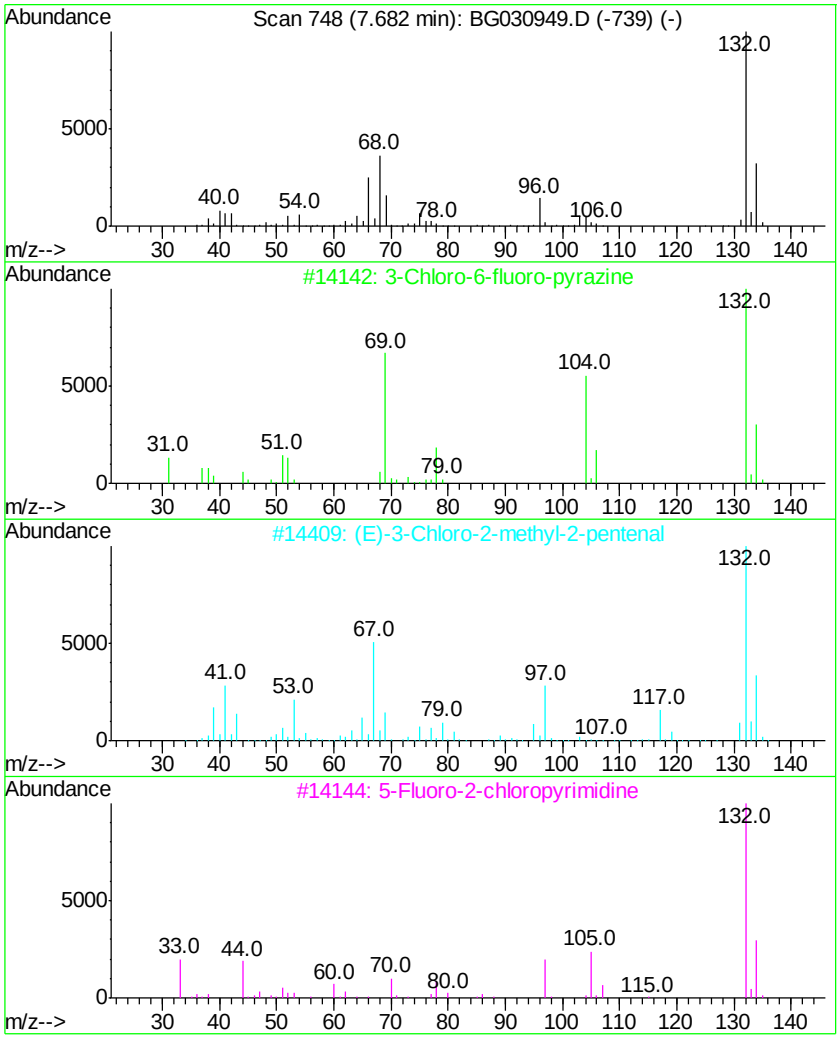
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

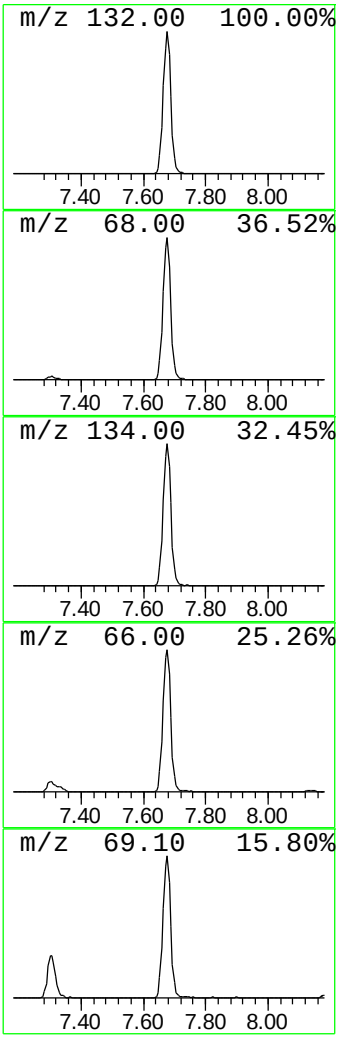
****

Peak Number 2 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	90.25 ng	1417890	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

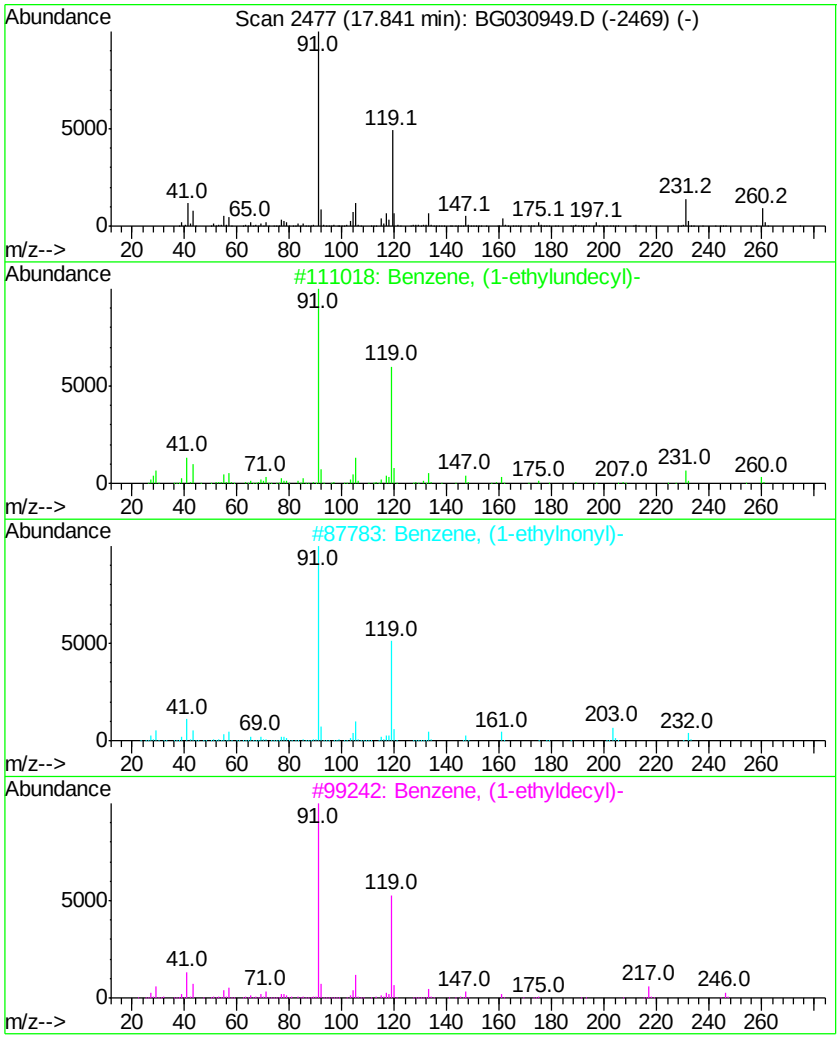
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

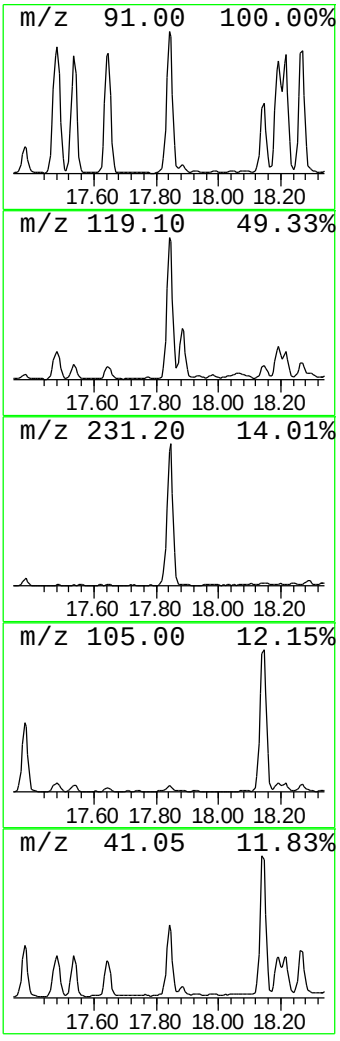
****

Peak Number 4 Benzene, (1-ethylundecyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	18.36 ng	2910590	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	94
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	62
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	59
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	53
5	1-Bromo-1-phenylpropane	198	C9H11Br	002114-36-5	40





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

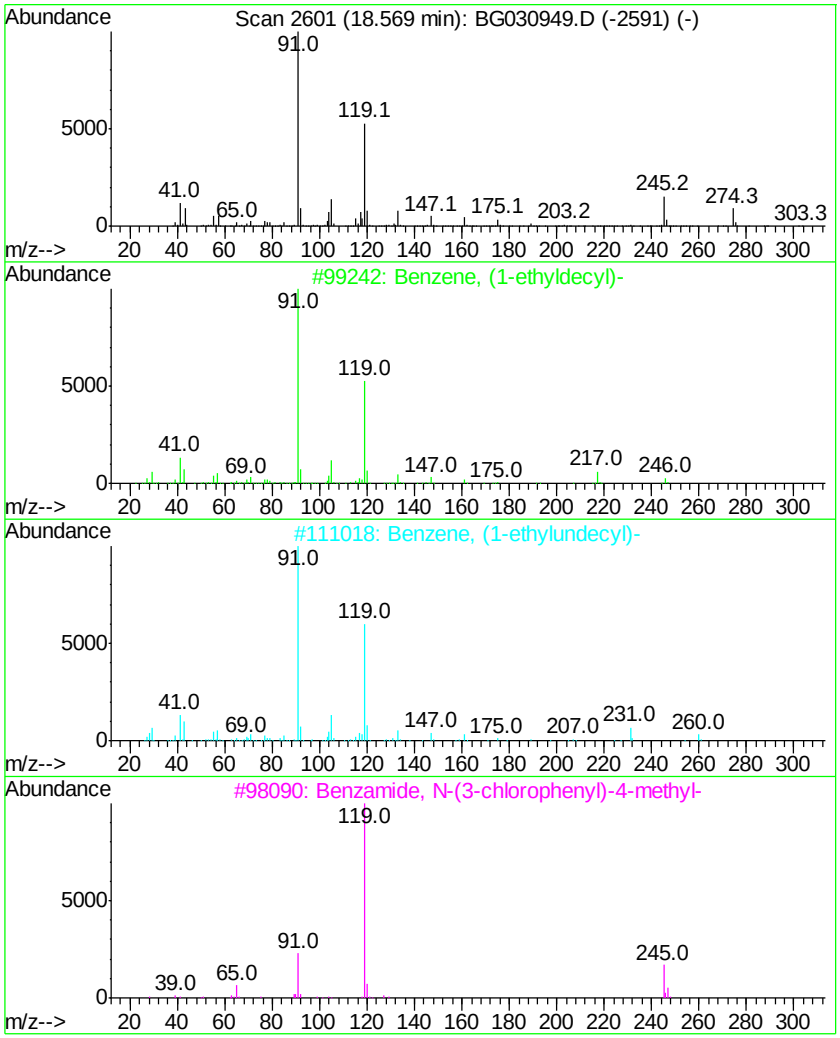
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

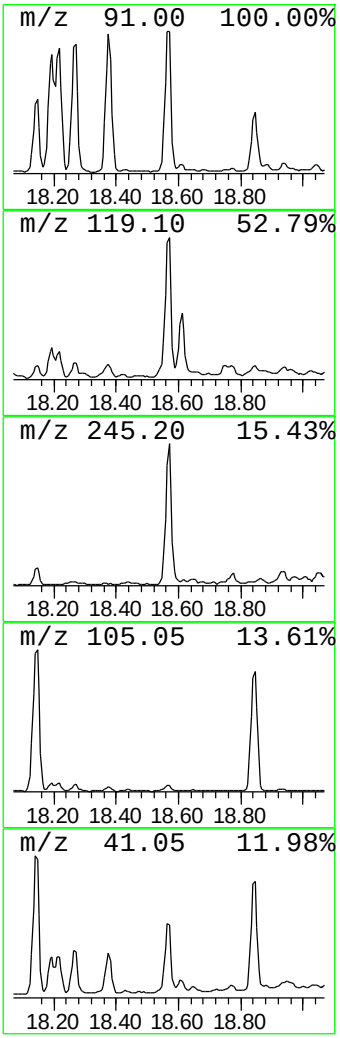
****

Peak Number 6 Benzene, (1-ethyldecyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	18.65 ng	2957300	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	93
2	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	64
3	Benzamide, N-(3-chlorophenyl)-4-...	245	C14H12ClNO	1000306-95-8	64
4	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	64
5	Benzamide, 3-methyl-N-(4-chlorop...	245	C14H12ClNO	1000339-11-8	59





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

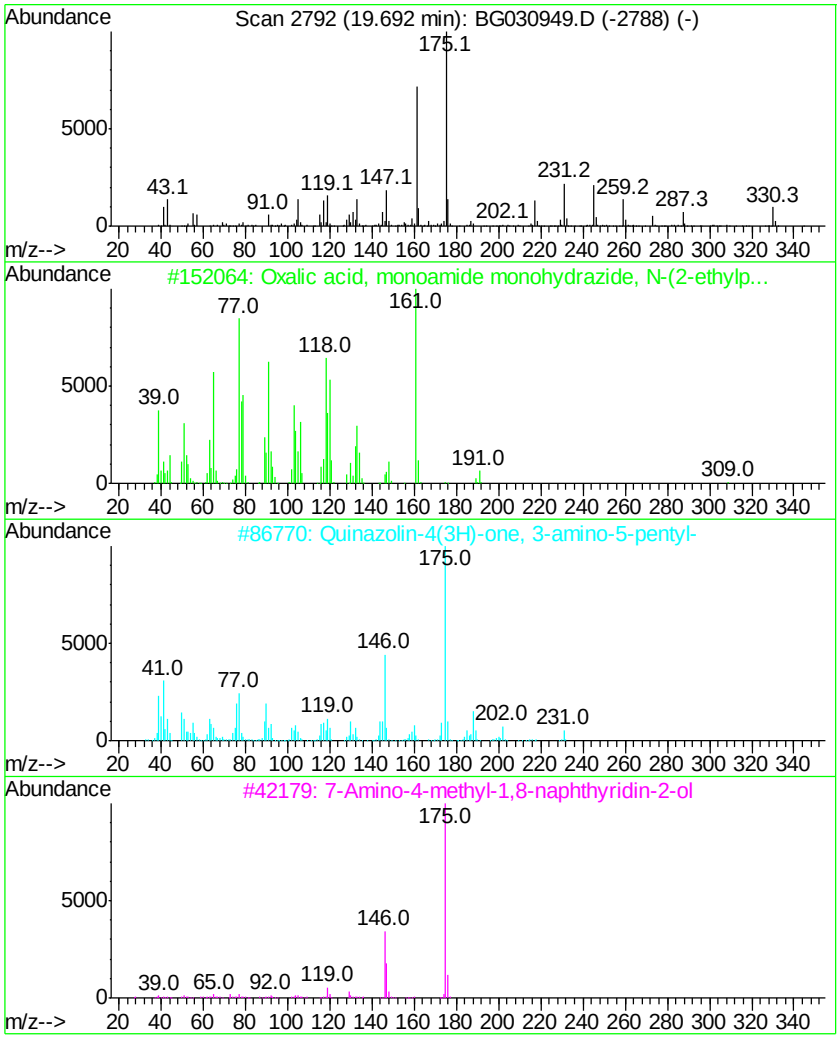
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

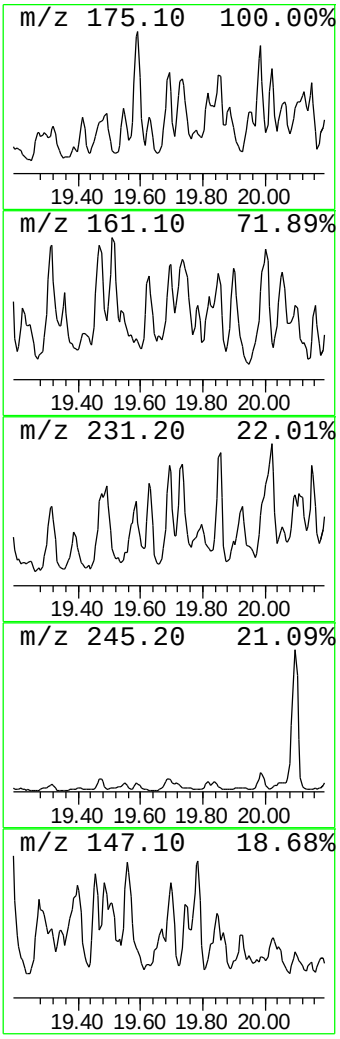
****

Peak Number 8 Oxalic acid, monoamide mono... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	18.79 ng	728786	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, monoamide monohydra...	309	C18H19N3O2	1000294-10-0	59
2	Quinazolin-4(3H)-one, 3-amino-5-...	231	C13H17N3O	120107-47-3	43
3	7-Amino-4-methyl-1,8-naphthyridi...	175	C9H9N3O	001569-15-9	30
4	Boronic acid, diethyl-, 2-acetyl...	204	C12H17BO2	074663-95-9	30
5	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	27





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

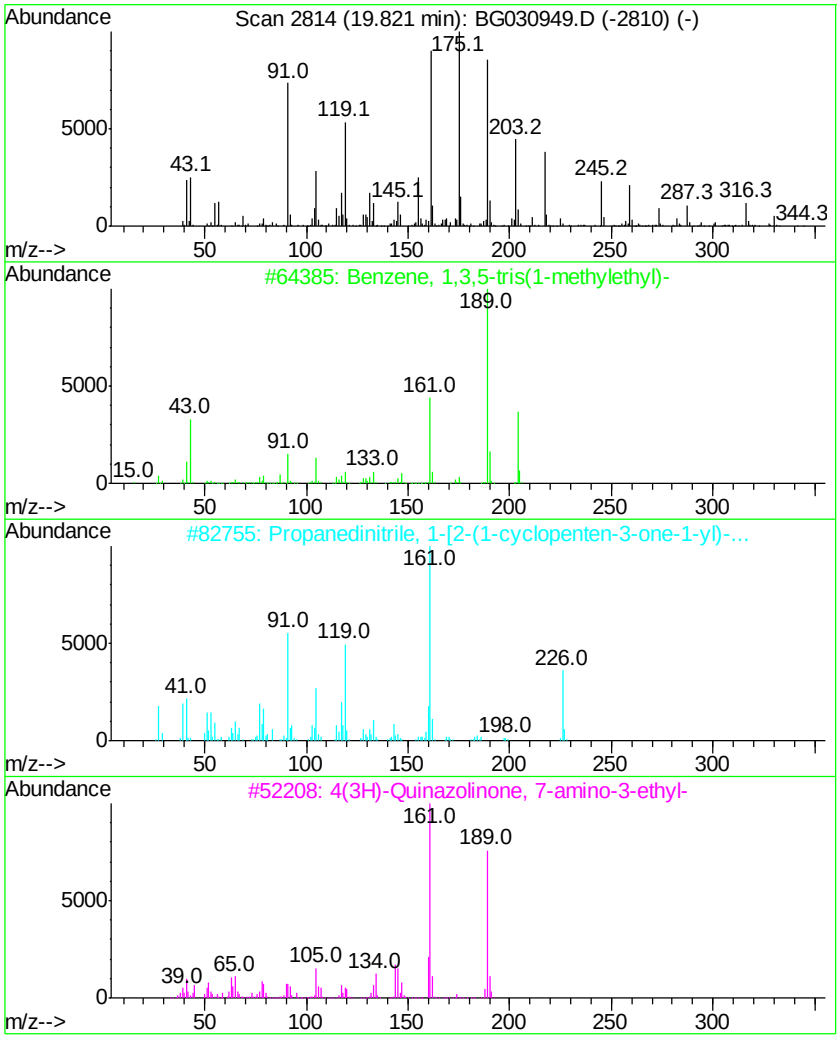
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

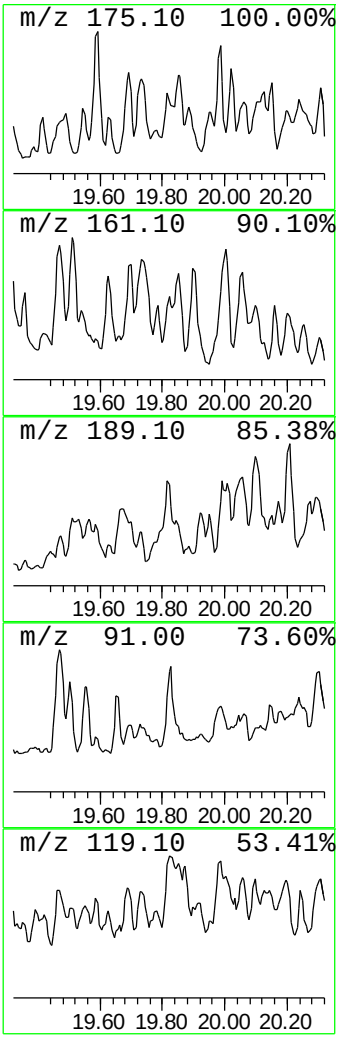
****

Peak Number 10 unknown19.82 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	22.26 ng	863273	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-tris(1-methylethyl)-	204	C15H24	000717-74-8	46
2	Propanedinitrile, 1-[2-(1-cyclop...	226	C14H14N2O	1000160-45-6	35
3	4(3H)-Quinazolinone, 7-amino-3-e...	189	C10H11N3O	1000338-19-9	30
4	2H-1,3-Benzimidazol-2-one, 1,3-d...	316	C15H16N4O2S	1000337-29-9	20
5	2,4-Quinolinediol	161	C9H7NO2	000086-95-3	18





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

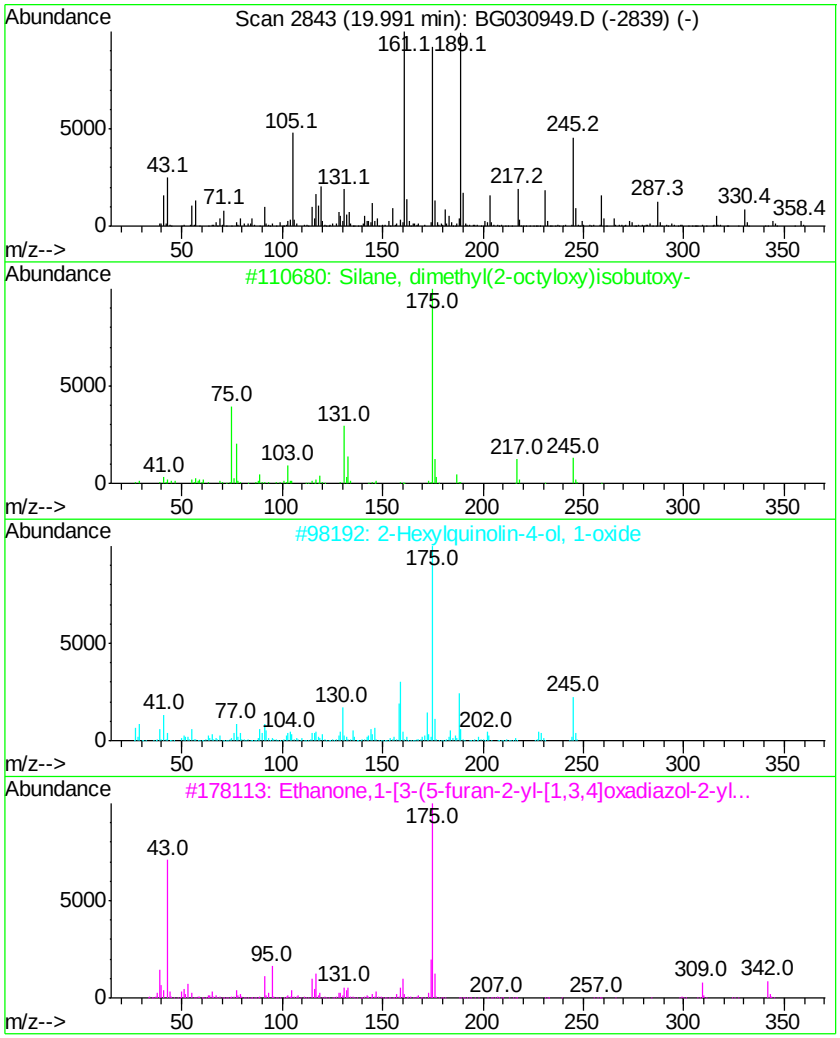
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

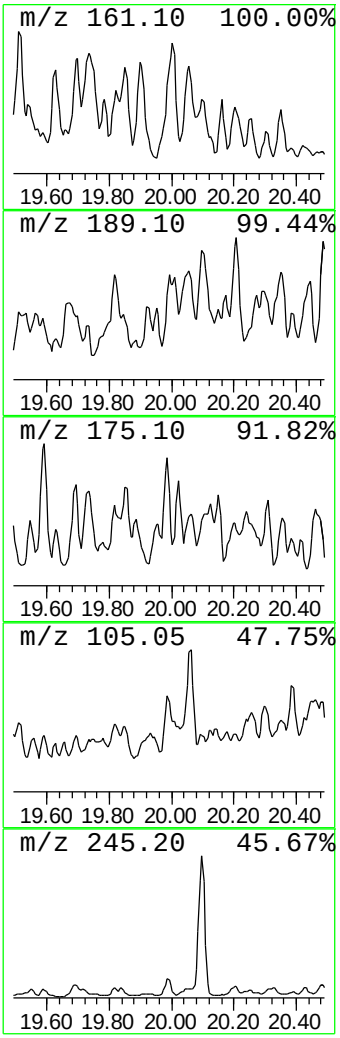
****

Peak Number 11 unknown19.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	26.17 ng	1015130	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyl(2-octyloxy)isob...	260	C14H32O2Si	1000346-84-0	32
2	2-Hexylquinolin-4-ol, 1-oxide	245	C15H19NO2	1000211-05-5	32
3	Ethanone,1-[3-(5-furan-2-yl-[1,3...	342	C18H18N2O3S	1000273-67-1	27
4	Piperazine, 1-p-tolyl-4-(2,4,6-t...	358	C20H26N2O2S	1000304-03-0	27
5	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	27





Library Search Compound Report

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Acq On : 11 Nov 2017 18:23
Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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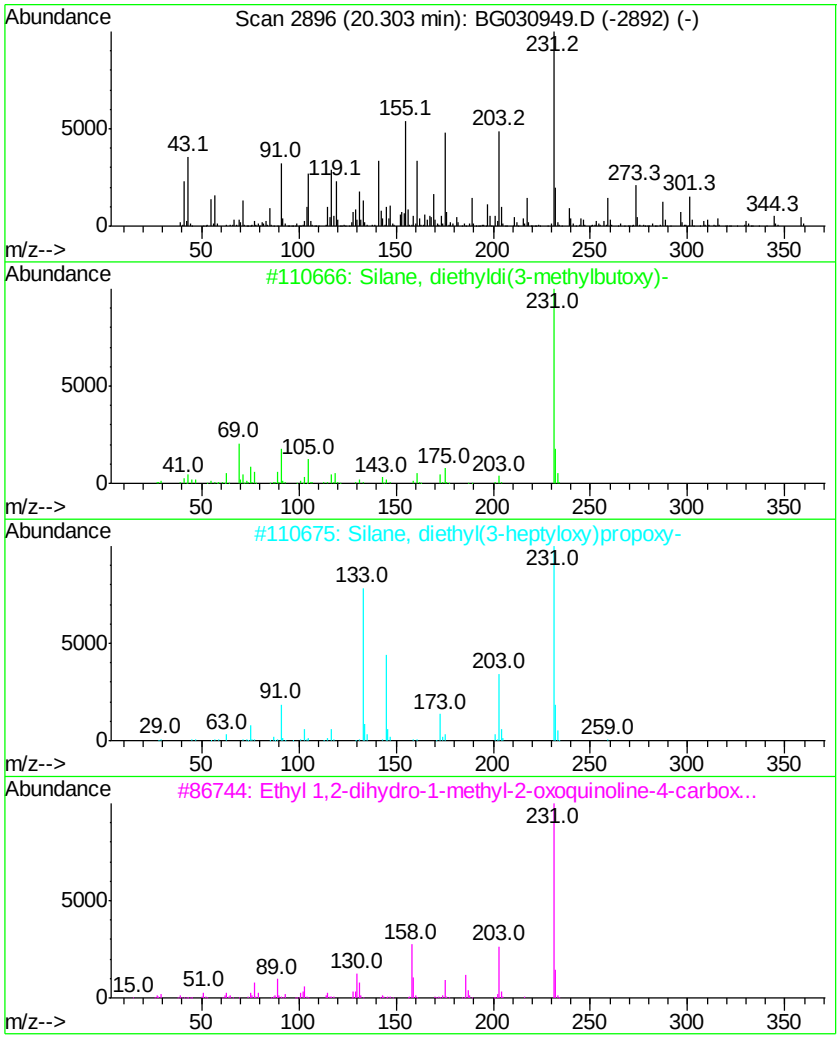
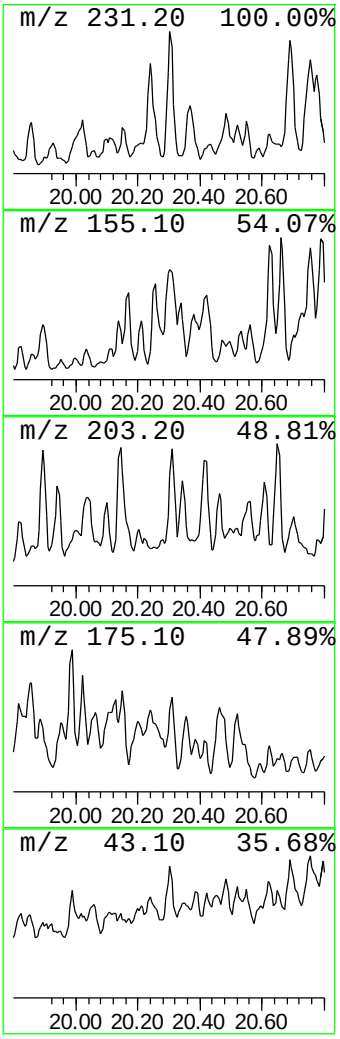
Peak Number 12 unknown20.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	29.12 ng	1129210	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethyldi(3-methylbutoxy)-	260	C14H32O2Si	1000363-00-8	37
2	Silane, diethyl(3-heptyloxy)prop...	260	C14H32O2Si	1000363-46-4	35
3	Ethyl 1,2-dihydro-1-methyl-2-oxo...	231	C13H13NO3	027330-23-0	27
4	2,6-Bis(1,1-dimethylethyl)-4-iso...	246	C17H26O	005427-02-1	27
5	4-(O-Chlorobenzylidene)-2-ethylt...	266	C12H11ClN2OS	033449-97-7	25





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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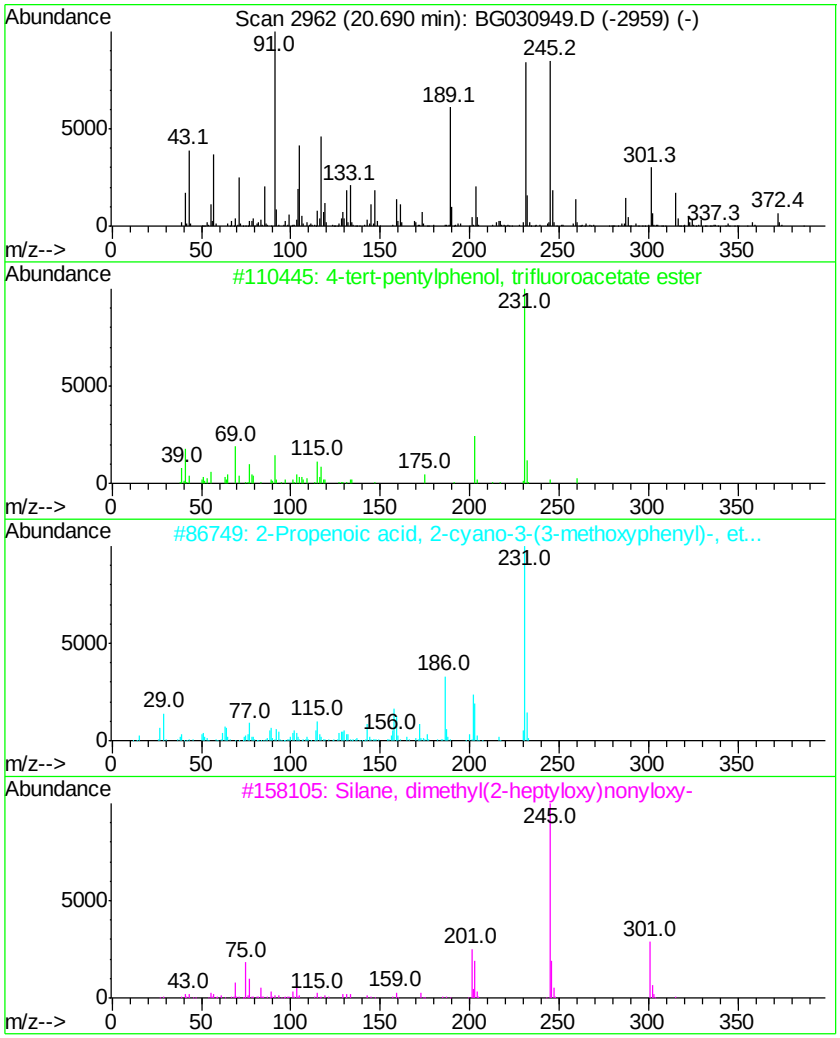
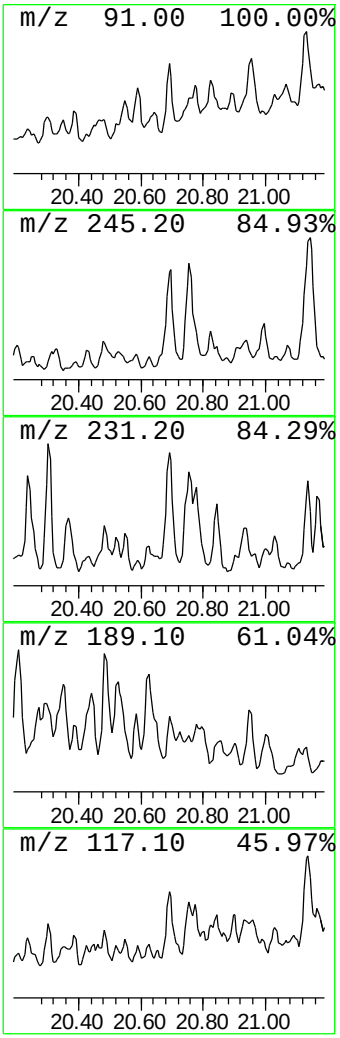
Peak Number 13 unknown20.69 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	22.97 ng	890856	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-pentylphenol, trifluoroac...	260	C13H15F3O2	1000376-41-0	30
2	2-Propenoic acid, 2-cyano-3-(3-m...	231	C13H13NO3	019098-69-2	25
3	Silane, dimethyl(2-heptyloxy)non...	316	C18H40O2Si	1000347-65-9	22
4	Phosphinic acid, bis(2-methylphe...	246	C14H15O2P	018593-19-6	22
5	3-Pyrazoline, 1-ethyl-2-phenyl-4...	290	C15H18N2O4	182000-83-5	18





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Instrument : BNA_G
ClientSampleId : A017

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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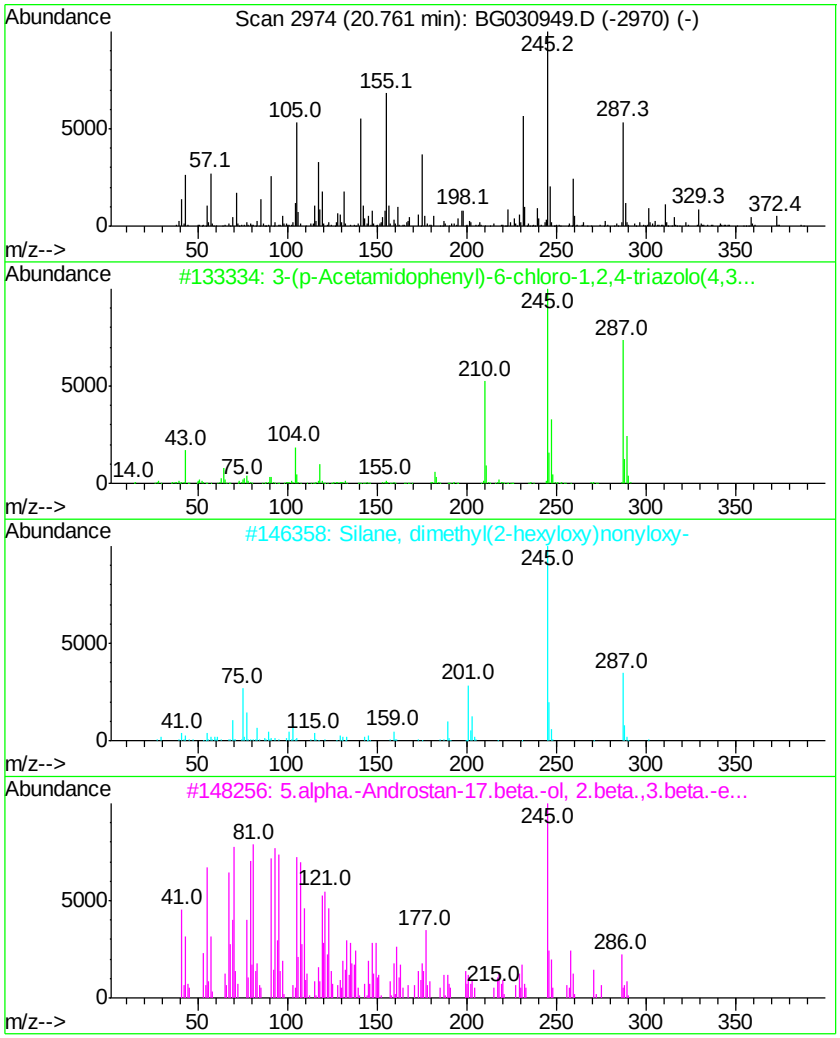
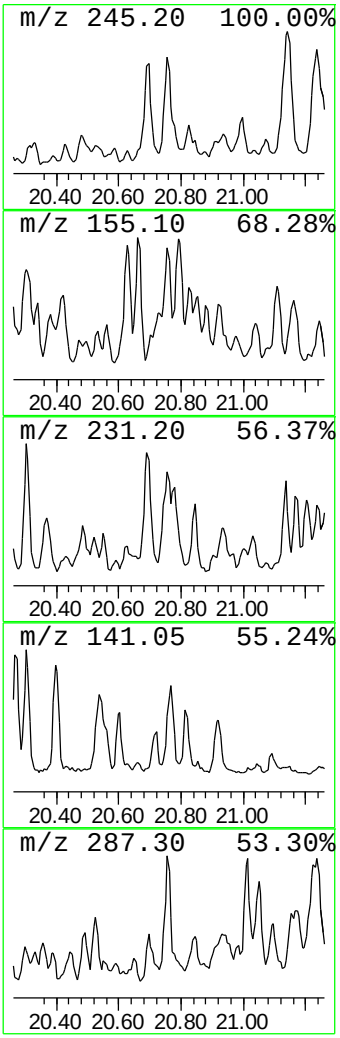
Peak Number 14 unknown20.76 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	18.99 ng	736411	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(p-Acetamidophenyl)-6-chloro-1...	287	C13H10ClN5O	1000239-76-6	38
2	Silane, dimethyl(2-hexyloxy)nony...	302	C17H38O2Si	1000347-68-0	25
3	5.alpha.-Androstan-17.beta.-ol, ...	304	C20H32O2	016427-03-5	18
4	Alpha-(4-cinnolinyl)-alpha-pheny...	245	C16H11N3	018592-05-7	18
5	Stannane, (4-fluorophenyl)trimet...	260	C9H13FSn	014101-14-5	14





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Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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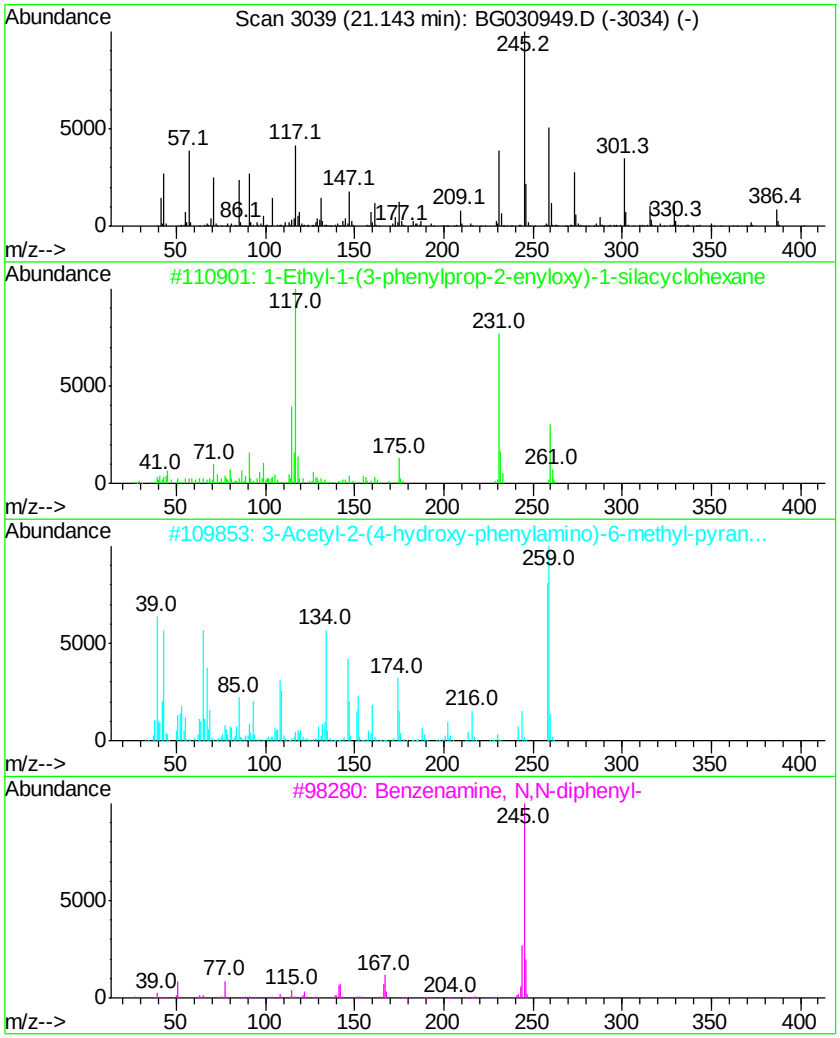
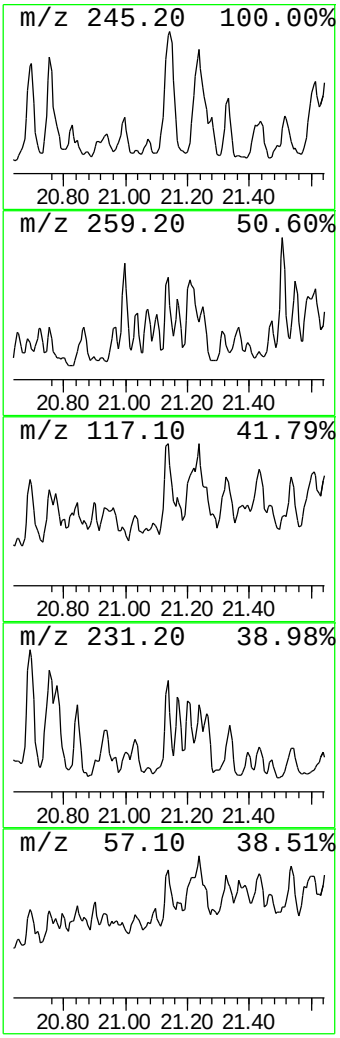
Peak Number 15 unknown21.14 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	37.13 ng	1440000	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-1-(3-phenylprop-2-enyloxy)-1-silacyclohexane	260	C16H24OSi	1000279-45-4	18
2	3-Acetyl-2-(4-hydroxy-phenylamin...	259	C14H13NO4	1000300-99-5	15
3	Benzenamine, N,N-diphenyl-	245	C18H15N	000603-34-9	14
4	Naphth[2,3-b]azet-2(1H)-one, 1-p...	245	C17H11NO	019275-01-5	14
5	Pyrazole, 5-butyl-3-methyl-1-(4-...	259	C14H17N3O2	1000272-63-4	14





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Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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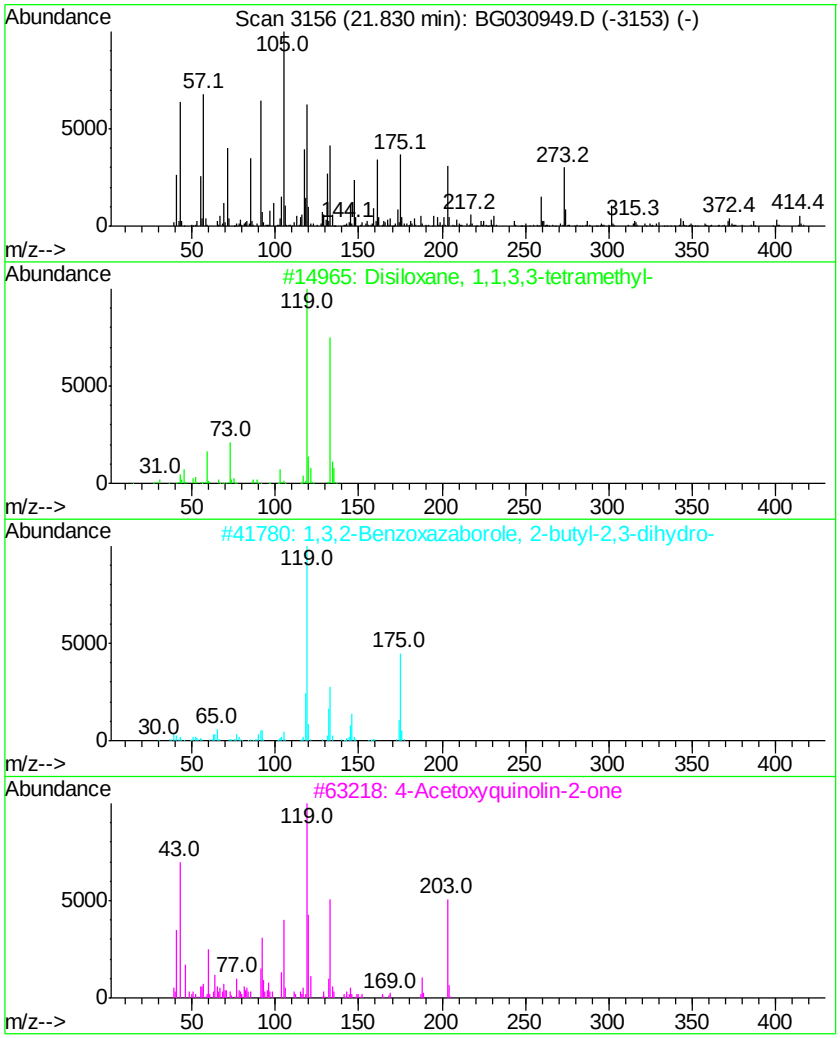
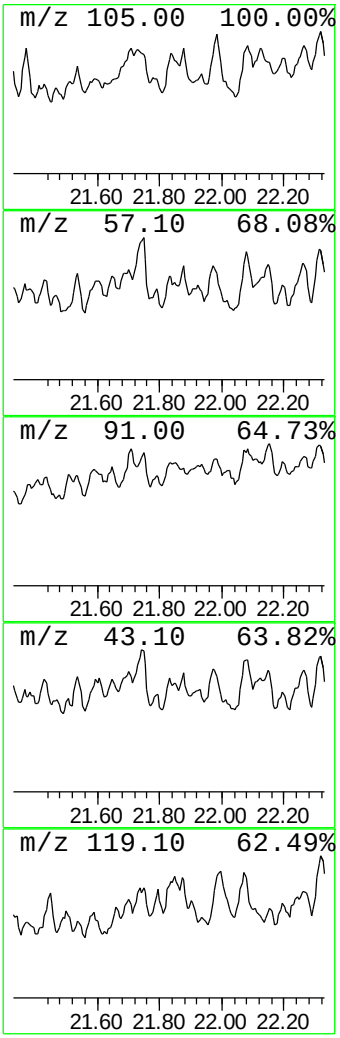
Peak Number 16 unknown21.83 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	20.00 ng	775689	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	25
2	1,3,2-Benzoxazaborole, 2-butyl-2...	175	C10H14BNO	031748-13-7	18
3	4-Acetoxyquinolin-2-one	203	C11H9NO3	016798-50-8	16
4	Benzene, 1-(bromomethyl)-4-(1-me...	212	C10H13Br	073789-86-3	12
5	1-Aza-2-bora-3-oxa-4-tetralinone...	175	C9H10BNO2	1000159-62-7	11





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Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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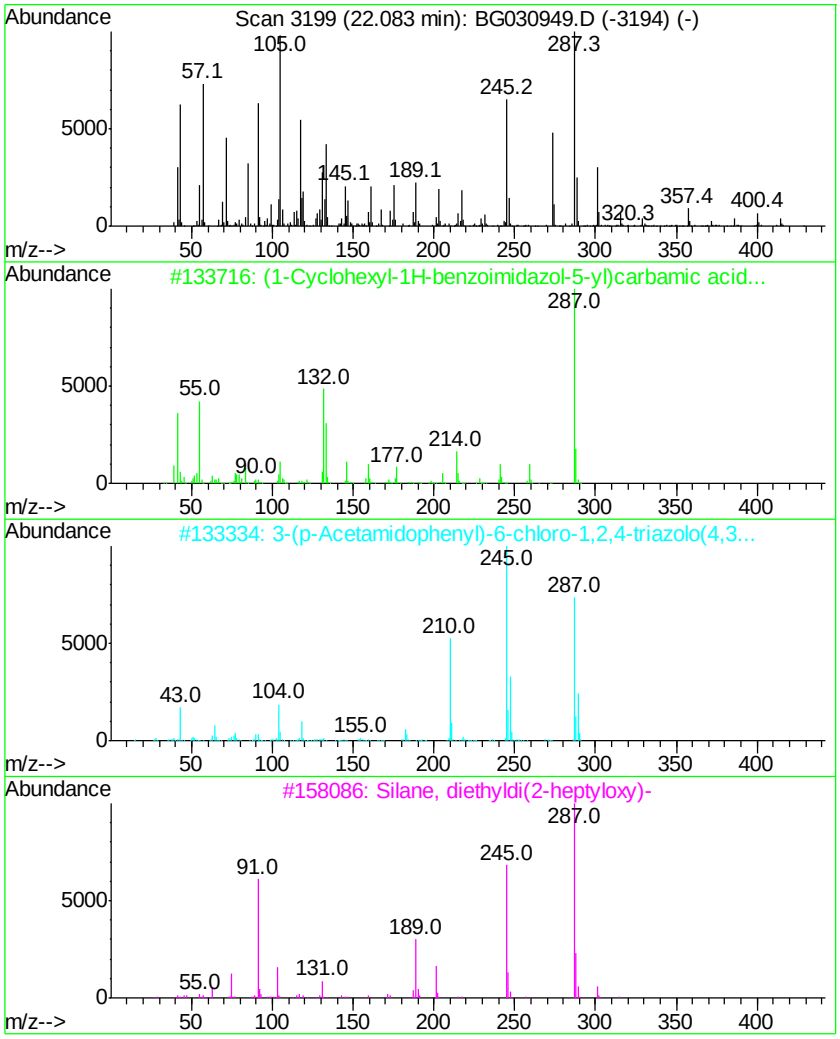
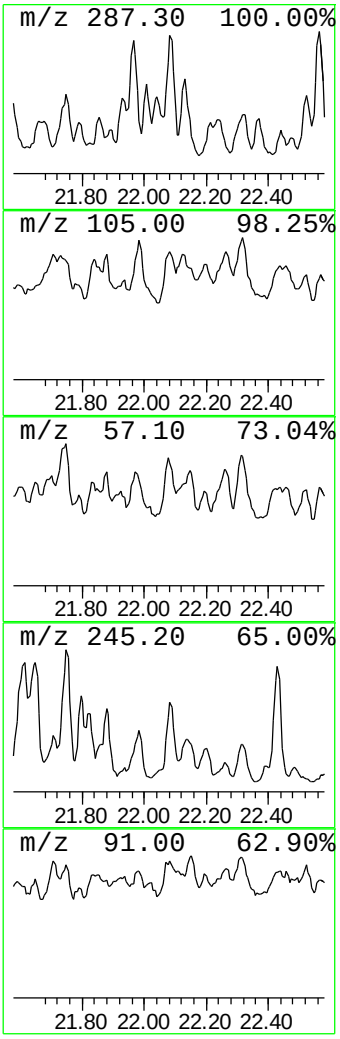
Peak Number 17 unknown22.08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	37.63 ng	1459450	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclohexyl-1H-benzoimidazol-5...	287	C16H21N3O2	1000310-00-5	35
2	3-(p-Acetamidophenyl)-6-chloro-1...	287	C13H10ClN5O	1000239-76-6	25
3	Silane, diethyldi(2-heptyloxy)-	316	C18H40O2Si	1000363-73-0	25
4	Benzimidazo[1,2-b]indolo[2,3-E]1...	287	C17H13N5	1000263-77-9	14
5	2-Benzylamino-as-triazino(6,5-c)...	287	C17H13N5	081547-18-4	14





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Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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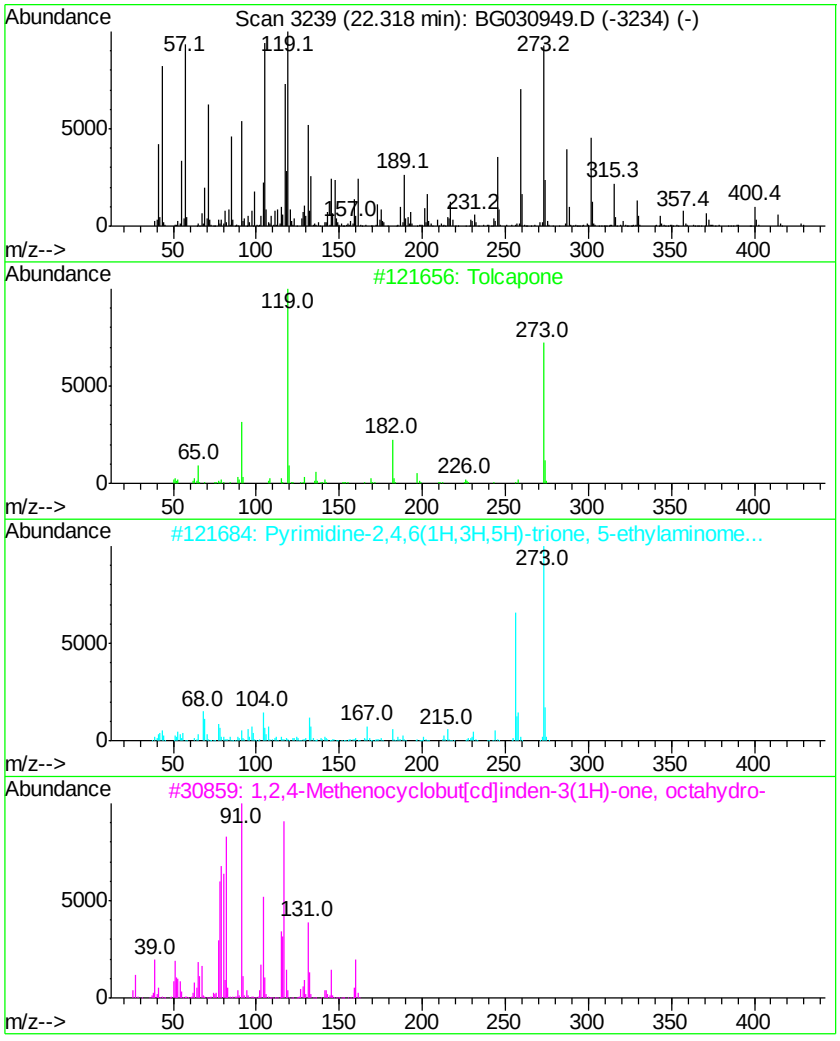
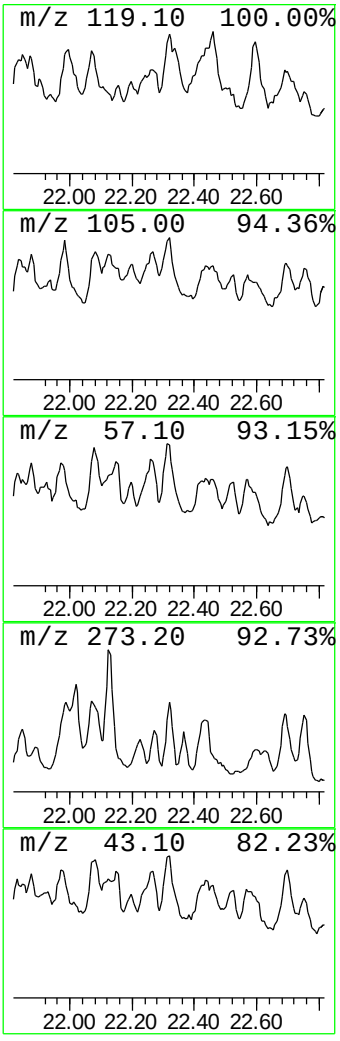
Peak Number 18 unknown22.32 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	56.73 ng	2200380	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	22
2	Pyrimidine-2,4,6(1H,3H,5H)-trion...	273	C14H15N3O3	346612-10-0	15
3	1,2,4-Methenocyclobut[cd]inden-3...	160	C11H12O	061109-83-9	11
4	Isoxazolo[5,4-d]pyrimidine-4,6(5...	245	C12H11N3O3	035053-73-7	11
5	Octahydroxanthen-1,9-dione, 3,3,...	358	C23H34O3	071827-88-8	11





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Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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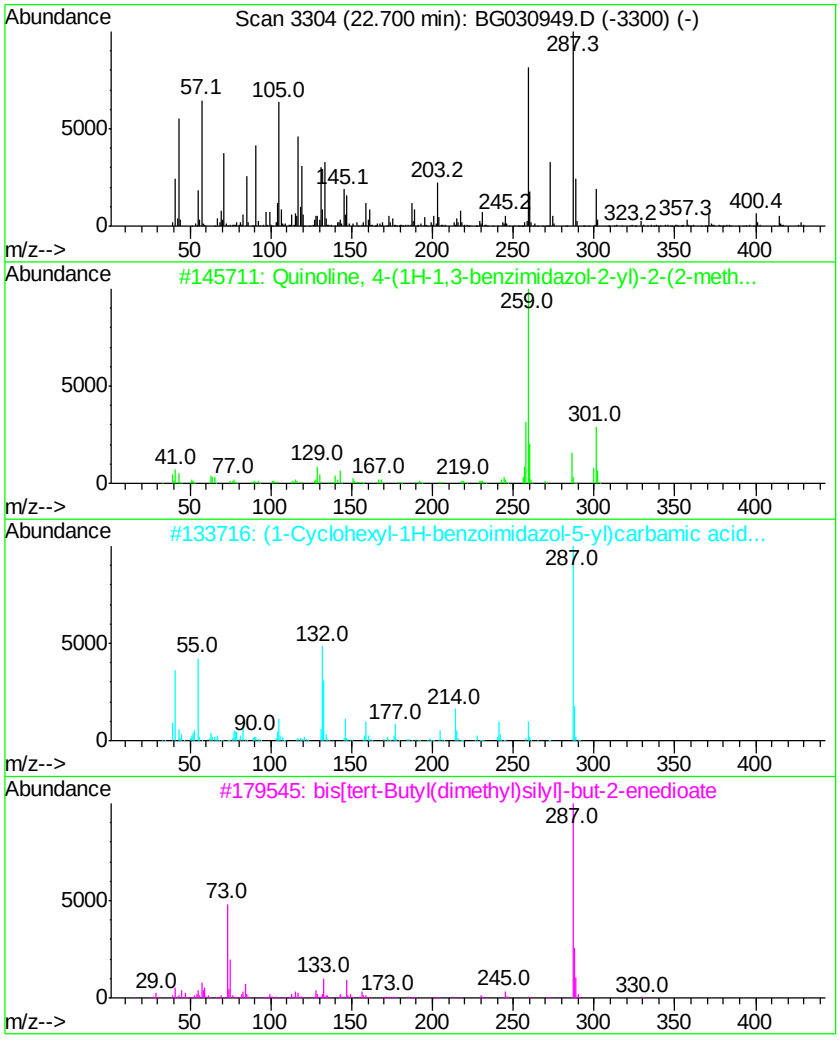
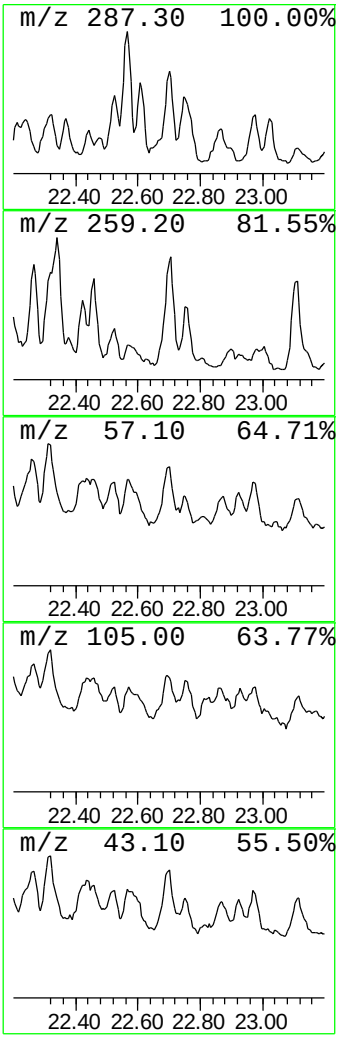
Peak Number 19 unknown22.70 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	27.36 ng	1061260	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 4-(1H-1,3-benzimidazo...	301	C20H19N3	1000319-10-9	30
2	(1-Cyclohexyl-1H-benzoimidazol-5...	287	C16H21N3O2	1000310-00-5	25
3	bis[tert-Butyl(dimethyl)silyl]-b...	344	C16H32O4Si2	1000332-85-4	22
4	3-Amino-4-(2-thienyl)thieno[2,3-...	287	C12H5N3S3	1000266-35-9	22
5	1H-Cyclopenta[a]phenanthrene, 17...	414	C30H54	000474-20-4	15





Library Search Compound Report

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Operator : SJ/JU
Sample : I6339-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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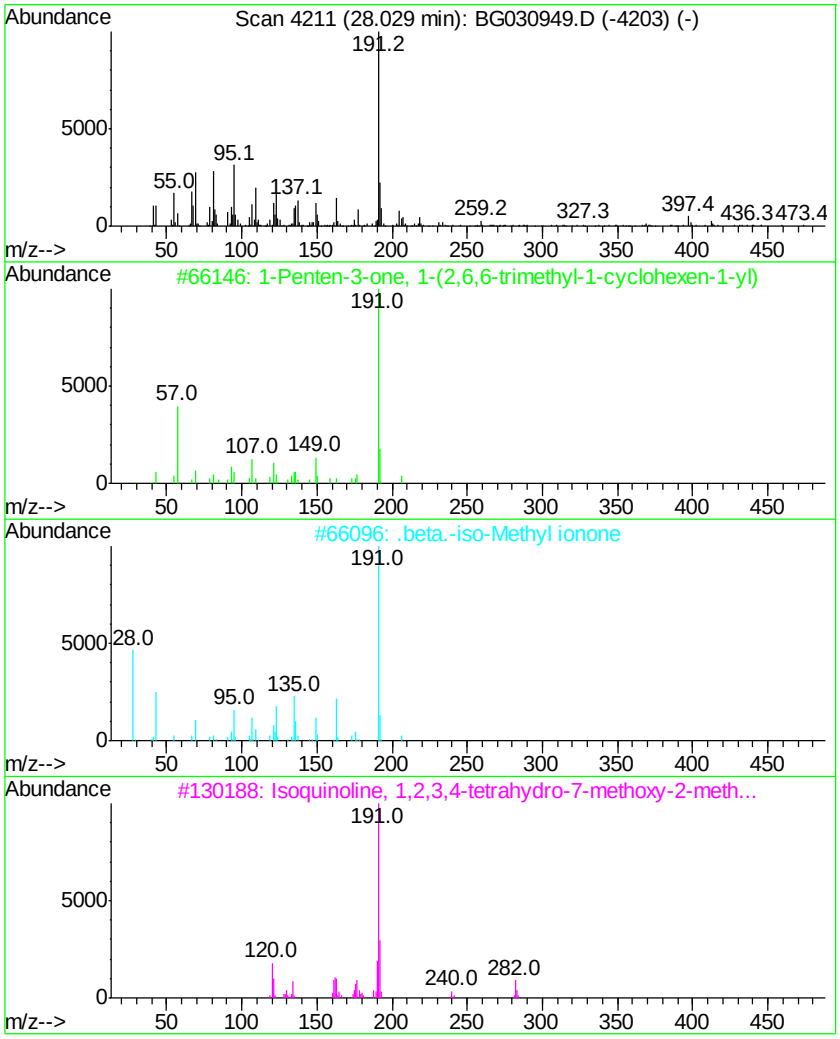
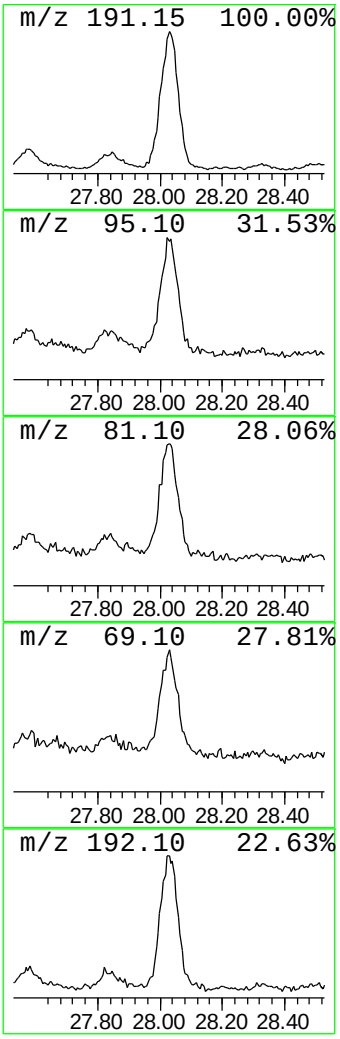
Peak Number 20 1-Penten-3-one, 1-(2,6,6-tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.03	22.30 ng	1183060	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	64
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
3	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	50
4	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	50
5	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	47





Tentatively Identified Compound (LSC) summary

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Data File : BG030949.D
Acq On : 11 Nov 2017 18:23
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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
Trichloroethylene	3.49	149.2	ng	2344680	1	8.14	314221	20.0
unknown7.68	7.68	90.3	ng	1417890	1	8.14	314221	20.0
Benzene, (1-ethyl...	17.84	18.4	ng	2910590	4	17.50	3171140	20.0
Benzene, (1-ethyl...	18.57	18.6	ng	2957300	4	17.50	3171140	20.0
Oxalic acid, mono...	19.69	18.8	ng	728786	5	21.78	775689	20.0
unknown19.82	19.82	22.3	ng	863273	5	21.78	775689	20.0
unknown19.99	19.99	26.2	ng	1015130	5	21.78	775689	20.0
unknown20.30	20.30	29.1	ng	1129210	5	21.78	775689	20.0
unknown20.69	20.69	23.0	ng	890856	5	21.78	775689	20.0
unknown20.76	20.76	19.0	ng	736411	5	21.78	775689	20.0
unknown21.14	21.14	37.1	ng	1440000	5	21.78	775689	20.0
unknown21.83	21.83	20.0	ng	775689	5	21.78	775689	20.0
unknown22.08	22.08	37.6	ng	1459450	5	21.78	775689	20.0
unknown22.32	22.32	56.7	ng	2200380	5	21.78	775689	20.0
unknown22.70	22.70	27.4	ng	1061260	5	21.78	775689	20.0
1-Penten-3-one, 1...	28.03	22.3	ng	1183060	6	25.10	1061260	20.0