LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016947.D
Acq On : 8 May 2015 7:05
Operator : TP/IZ
Sample : G2116-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-44D

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-BG050515.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	2.787	12	17	35	rBV	6252146	8713516	76.46%	11.599%
2	2.922	35	40	50	rVV	152891	296347	2.60%	0.394%
3	3.004	50	54	58	rVB	190247	244576	2.15%	0.326%
4	4.920	375	380	391	rVB2	108526	167786	1.47%	0.223%
5	5.384	451	459	467	rBV	1431841	2090221	18.34%	2.782%
6	6.964	719	728	738	rBV	1522413	2502607	21.96%	3.331%
7	7.329	783	790	802	rVB	1420703	2306605	20.24%	3.071%
8	7.799	864	870	876	rBV	293985	472655	4.15%	0.629%
9	8.116	916	924	936	rBV	930681	1535334	13.47%	2.044%
10	8.956	1060	1067	1077	rBV	886678	1477492	12.96%	1.967%
11	10.589	1338	1345	1351	rBV	429978	715182	6.28%	0.952%
12	13.057	1754	1765	1773	rBV	2027301	2987067	26.21%	3.976%
13	13.891	1902	1907	1915	rBV	125856	175875	1.54%	0.234%
14	14.438	1991	2000	2007	rBV2	611787	984625	8.64%	1.311%
15	15.795	2224	2231	2239	rBV	100433	155207	1.36%	0.207%
16	15.924	2246	2253	2260	rBV	1720565	2503611	21.97%	3.333%
17	16.794	2397	2401	2406	rBV	105187	148397	1.30%	0.198%
18	17.070	2441	2448	2451	rBV2	89196	140086	1.23%	0.186%
19	17.111	2451	2455	2461	rVB	182828	281730	2.47%	0.375%
20	17.182	2461	2467	2471	rBV2	750587	1119011	9.82%	1.490%
21	17.217	2471	2473	2481	rVV	219515	316121	2.77%	0.421%
22	17.305	2481	2488	2494	rVB3	79413	179983	1.58%	0.240%
23	17.440	2507	2511	2516	rVB3	122091	194980	1.71%	0.260%
24	17.569	2528	2533	2538	rBV3	145477	265100	2.33%	0.353%
25	17.634	2538	2544	2550	rVV5	270717	472429	4.15%	0.629%
26	17.693	2550	2554	2561	rVB2	370435	536020	4.70%	0.714%
27	17.752	2561	2564	2567	rBV2	96641	140722	1.23%	0.187%
28	17.863	2578	2583	2589	rBV	990388	1342412	11.78%	1.787%
29	18.034	2608	2612	2616	rBV3	332584	473518	4.16%	0.630%
30	18.075	2616	2619	2626	rVV2	183734	341933	3.00%	0.455%
31	18.139	2626	2630	2635	rVV5	226565	387444	3.40%	0.516%
32	18.198	2635	2640	2645	rVV2	1133157	1659367	14.56%	2.209%
33	18.269	2648	2652	2659	rVB3	295602	555547	4.87%	0.740%
34	18.380	2665	2671	2682	rBV3	504405	1065573	9.35%	1.418%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016947.D
Acq On : 8 May 2015 7:05
Operator : TP/IZ
Sample : G2116-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-44D

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-BG050515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.492	2682	2690	2693	rBV5	544430	1258826	11.05%	1.676%
36	18.533	2693	2697	2702	rVB2	2726910	3877239	34.02%	5.161%
37	18.621	2707	2712	2715	rBV2	300885	449877	3.95%	0.599%
38	18.656	2715	2718	2722	rVV3	227637	245863	2.16%	0.327%
39	18.809	2736	2744	2753	rBV	8337695	11396164	100.00%	15.170%
40	18.927	2758	2764	2772	rBV	1607035	2907211	25.51%	3.870%
41	19.085	2785	2791	2798	rVB2	566425	906214	7.95%	1.206%
42	19.238	2813	2817	2820	rVV	266664	374055	3.28%	0.498%
43	19.303	2823	2828	2832	rVB	2876040	3675716	32.25%	4.893%
44	19.385	2839	2842	2846	rVB	211037	235026	2.06%	0.313%
45	19.491	2856	2860	2863	rBV	366207	468399	4.11%	0.624%
46	19.602	2875	2879	2883	rBV	191478	254479	2.23%	0.339%
47	19.761	2901	2906	2910	rBV	1047839	1336833	11.73%	1.780%
48	19.808	2910	2914	2918	rVB	3017441	3614088	31.71%	4.811%
49	19.984	2940	2944	2947	rBV	491807	644927	5.66%	0.859%
50	20.020	2947	2950	2957	rVB	1131391	1337196	11.73%	1.780%
51	20.184	2974	2978	2982	rVB6	69242	117157	1.03%	0.156%
52	20.237	2983	2987	2991	rBV2	417583	509935	4.47%	0.679%
53	20.390	3010	3013	3016	rBV4	81528	117017	1.03%	0.156%
54	20.419	3016	3018	3023	rVB	128329	167978	1.47%	0.224%
55	21.071	3125	3129	3136	rVB	633015	800061	7.02%	1.065%
56	21.271	3160	3163	3168	rVB	351805	411504	3.61%	0.548%
57	21.359	3172	3178	3182	rVV2	891280	1348293	11.83%	1.795%
58	21.394	3182	3184	3190	rVB	115460	131671	1.16%	0.175%
59	22.957	3447	3450	3456	rBV2	83371	156981	1.38%	0.209%
60	23.557	3547	3552	3558	rVB2	88689	179560	1.58%	0.239%
61	23.662	3563	3570	3577	rBV	570275	1104563	9.69%	1.470%
62	24.326	3678	3683	3691	rVB8	59656	144756	1.27%	0.193%

Sum of corrected areas: 75120668

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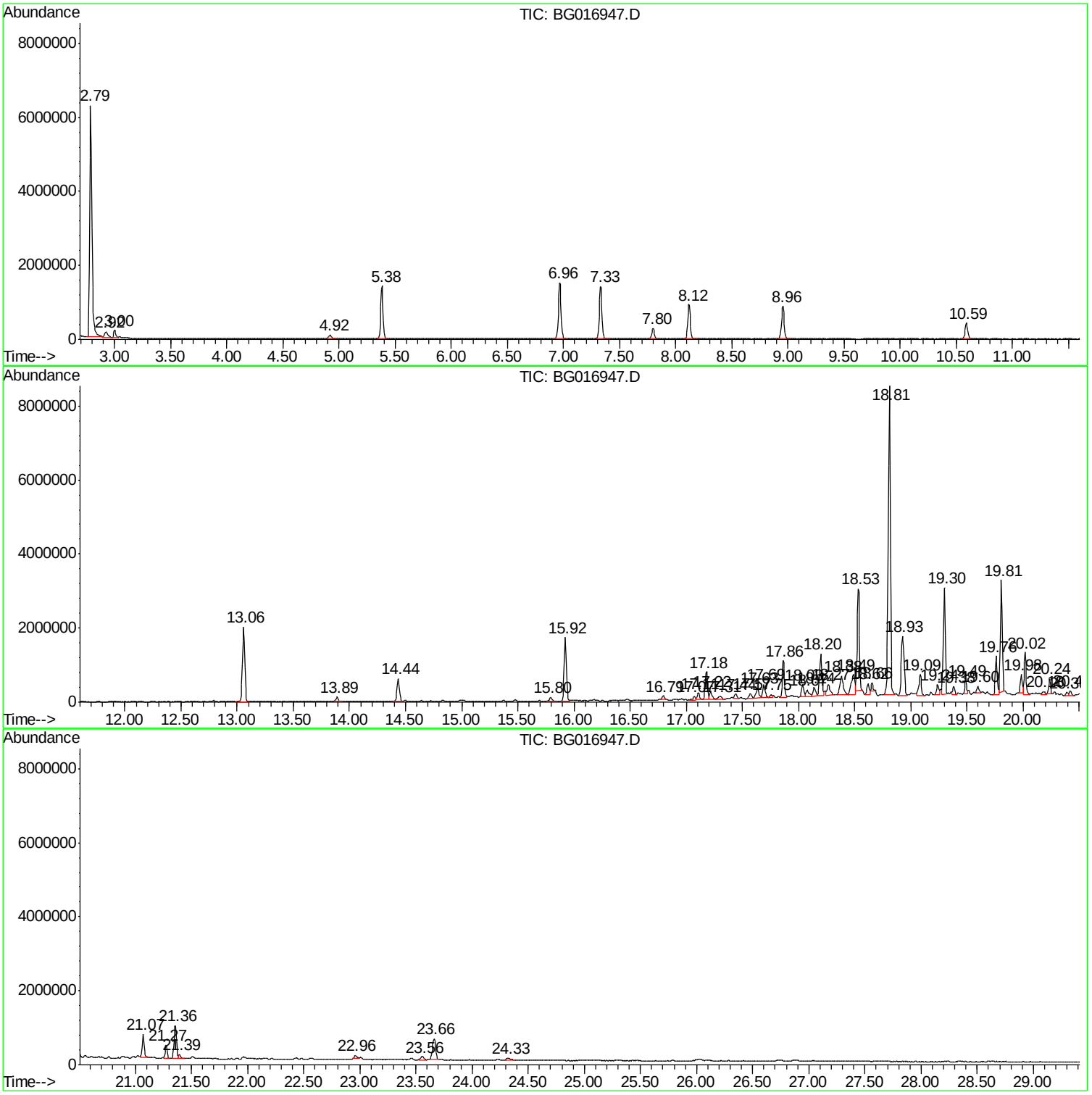
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016947.D
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Sample : G2116-13
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

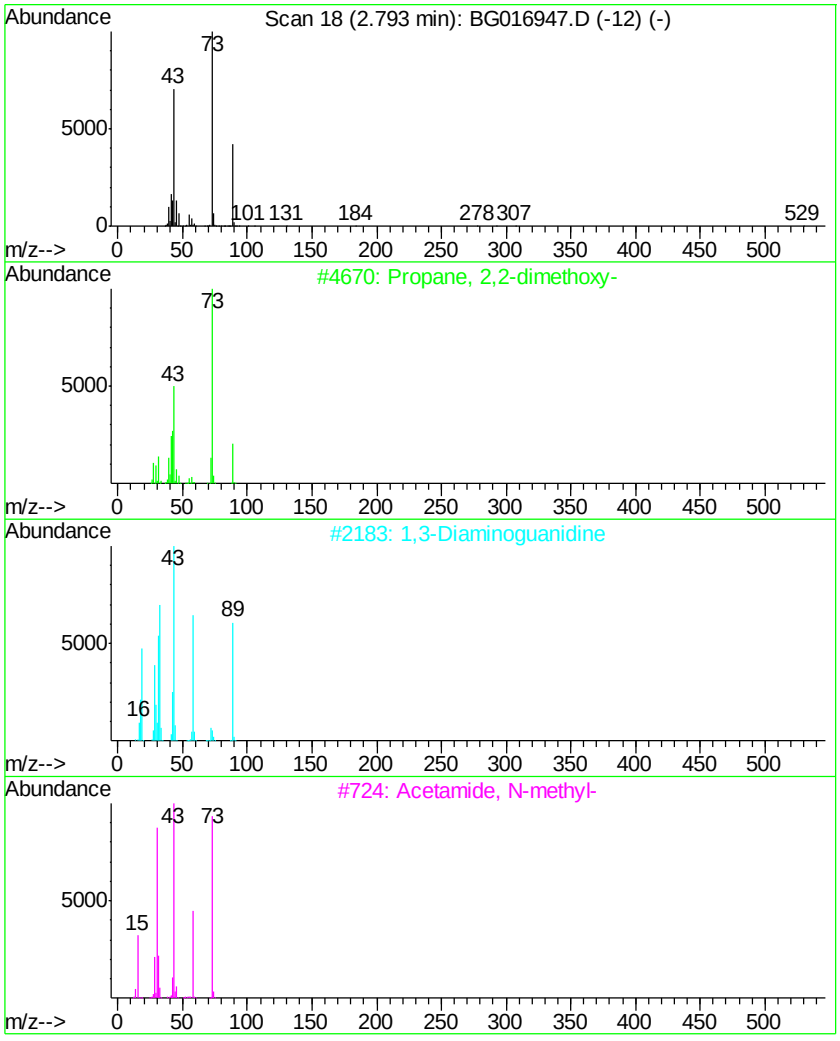
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

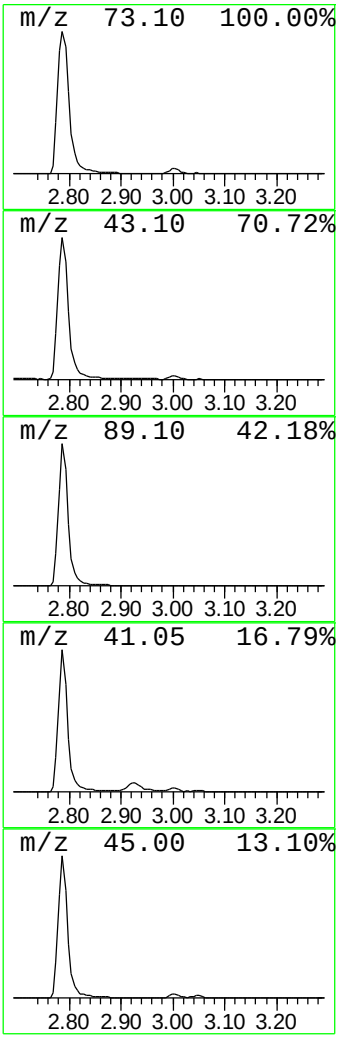
****

Peak Number 1 unknown2.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	368.71 ng	8713520	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	38
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016947.D
Acq On : 8 May 2015 7:05
Operator : TP/IZ
Sample : G2116-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-44D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

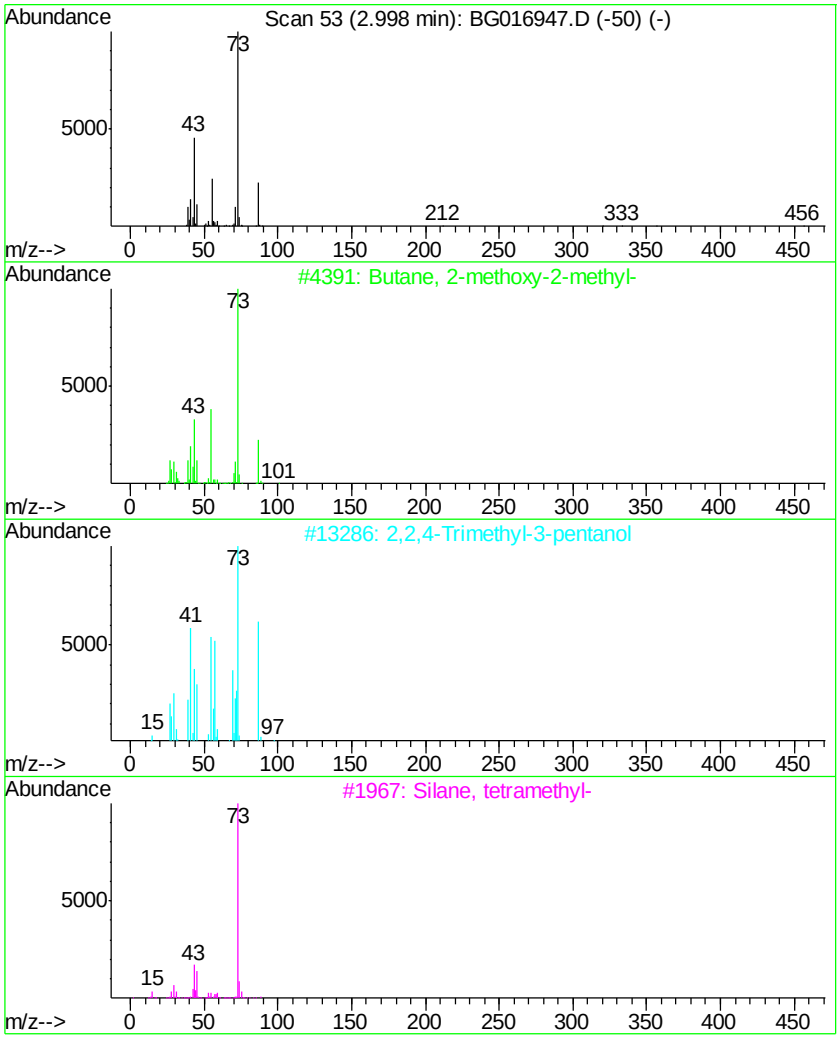
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

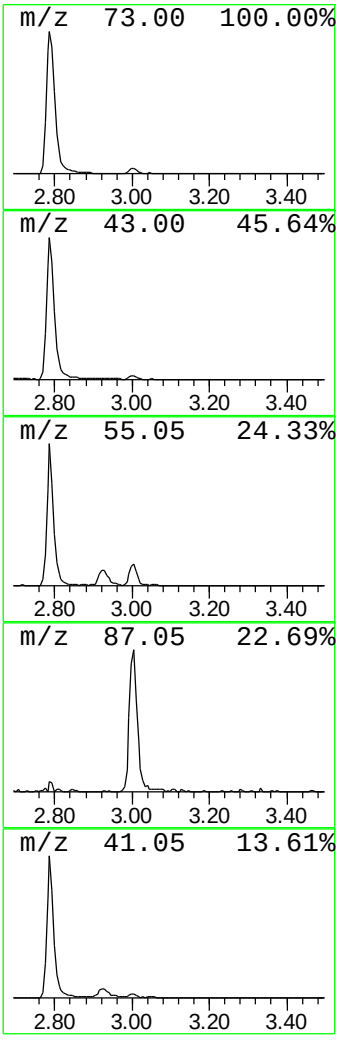
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	10.35 ng	244576	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016947.D
Acq On : 8 May 2015 7:05
Operator : TP/IZ
Sample : G2116-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-44D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

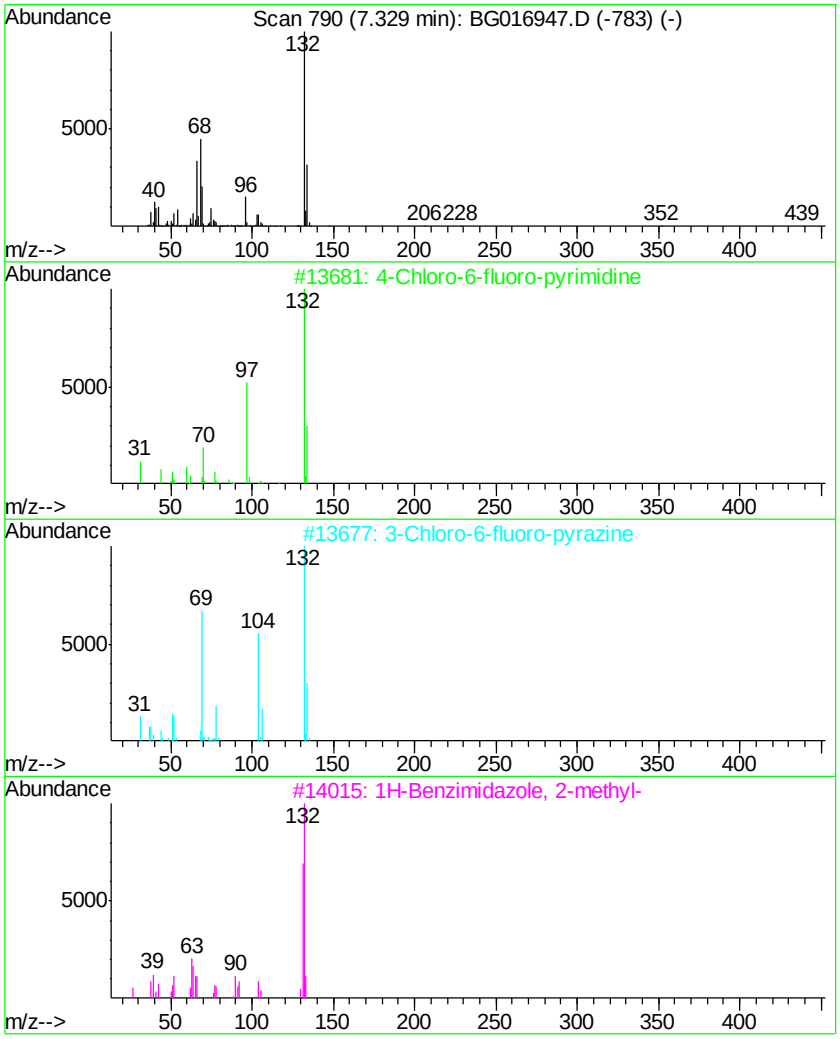
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

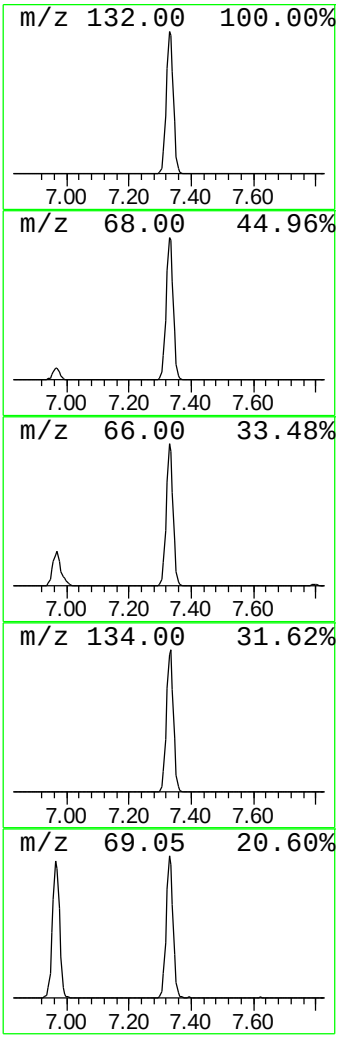
****

Peak Number 4 unknown7.33 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	97.60 ng	2306610	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016947.D
Acq On : 8 May 2015 7:05
Operator : TP/IZ
Sample : G2116-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-44D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

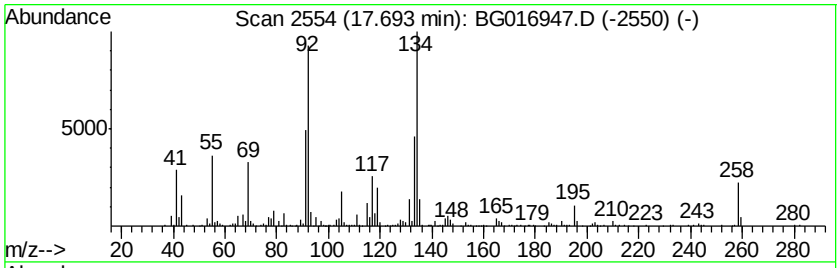
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

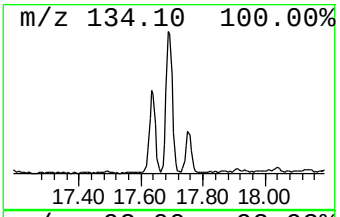
****

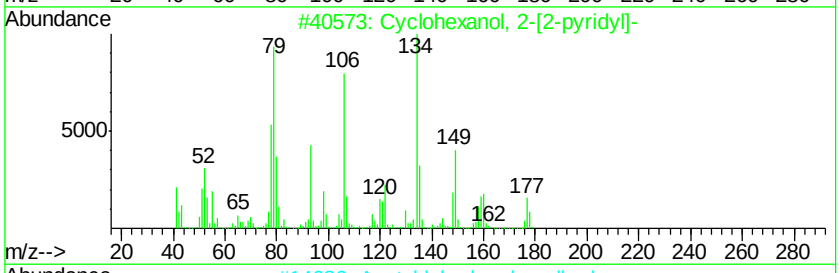
Peak Number 6 Cyclohexanol, 2-[2-pyridyl]- Concentration Rank 18

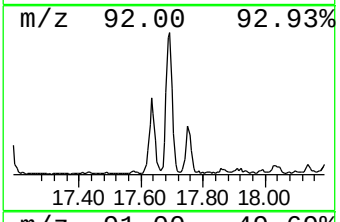
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	9.58 ng	536020	Phenanthrene-d10	17.18

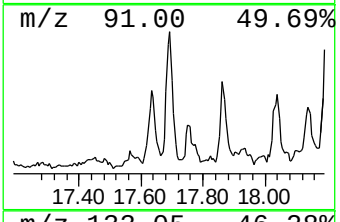
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2-[2-pyridyl]-	177	C11H15NO	099858-60-3	60
2	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	47
3	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	43
4	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	41
5	3-[4-(Isopentyloxy)phenyl]-3-met...	275	C16H21NO3	055755-87-8	32

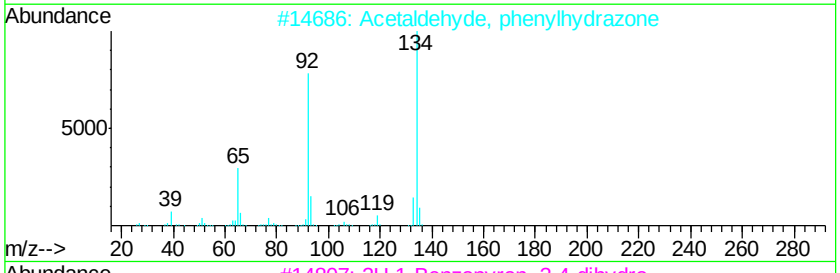


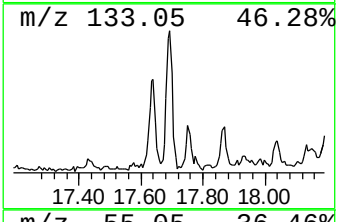


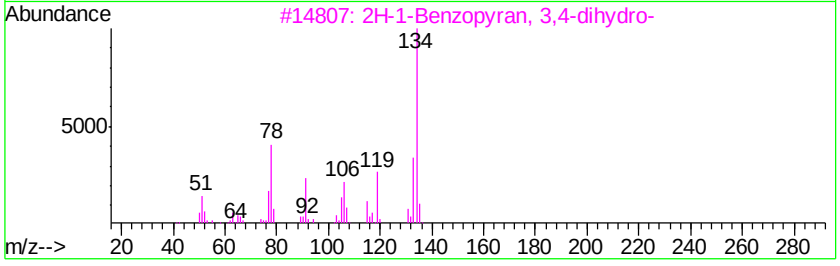


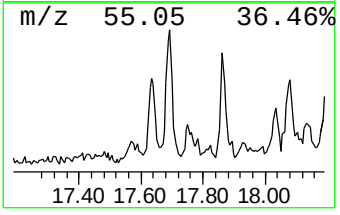












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ClientSampleId : SB-44D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

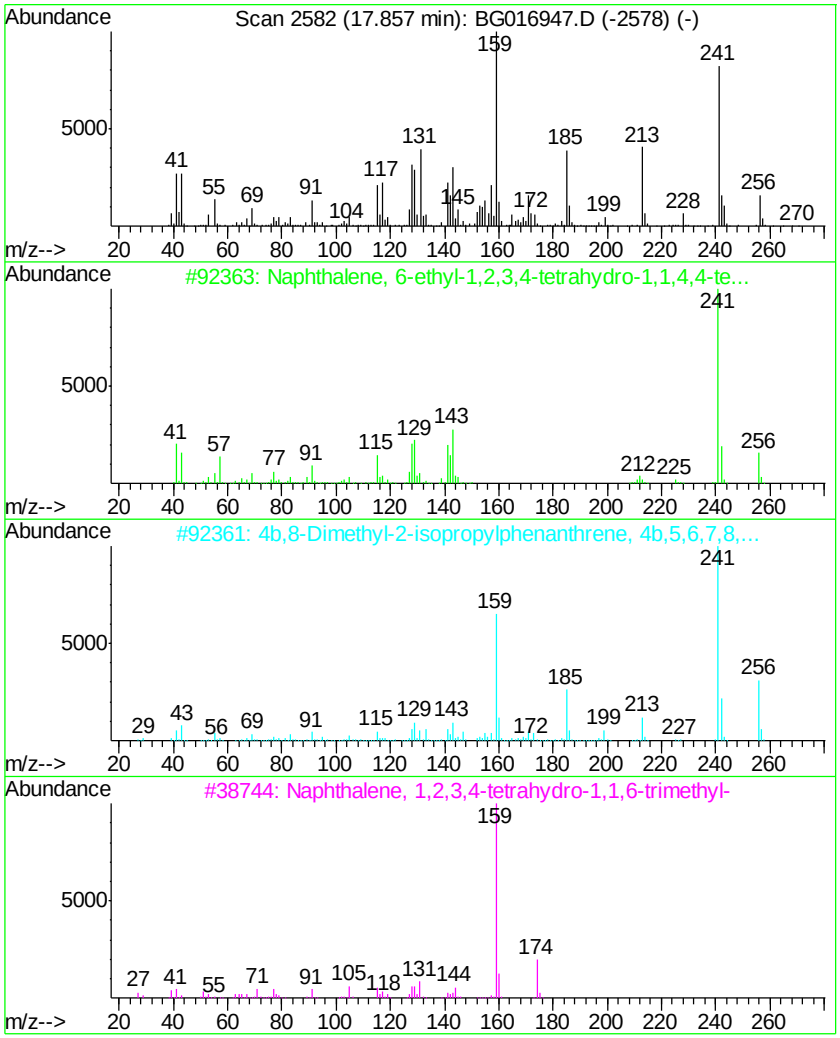
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

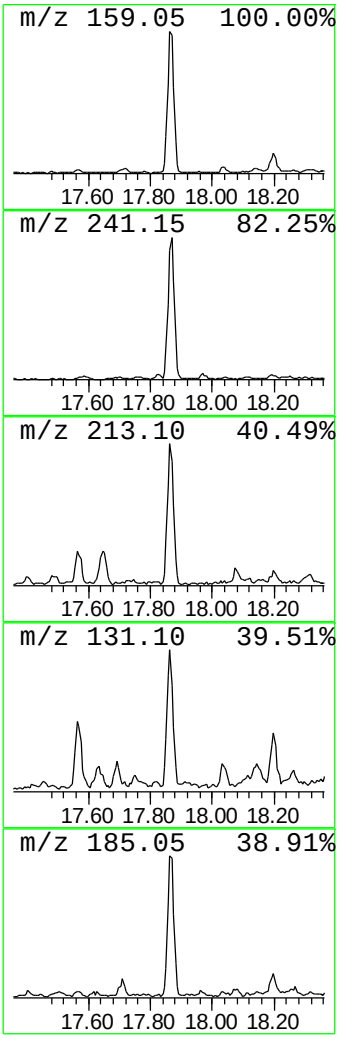
****

Peak Number 7 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	23.99 ng	1342410	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	95
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	46
4	1,1,3,3-Tetramethyl-1,3-disilaph...	256	C15H20Si2	032538-51-5	38
5	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

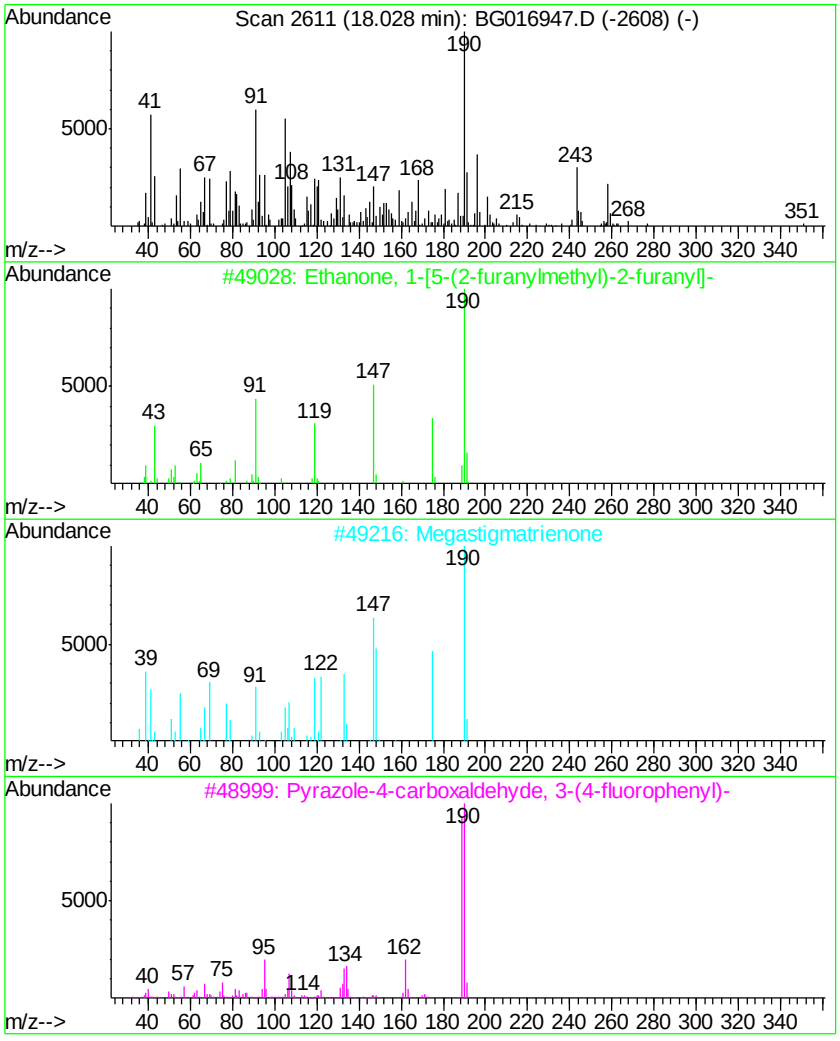
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

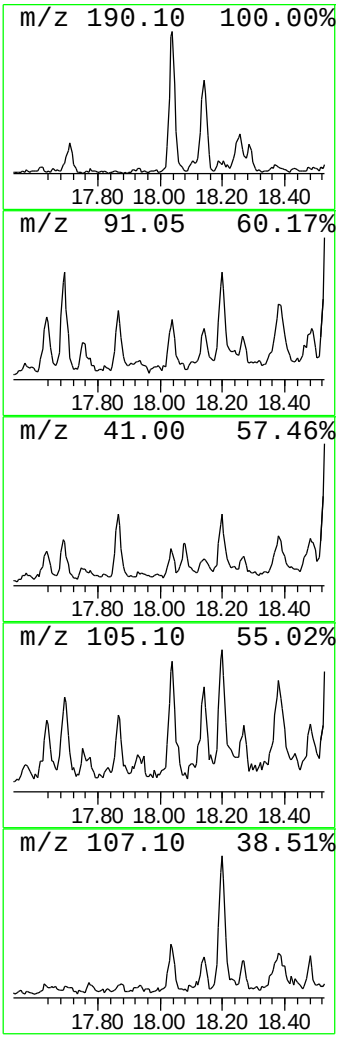
****

Peak Number 8 unknown18.03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	8.46 ng	473518	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	38
2	Megastigmatrienone	190	C13H18O	038818-55-2	35
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	35
4	Indole-1-carboxylic acid, 4-amin...	190	C10H10N2O2	081038-30-4	30
5	4,7-Dimethoxy-2-methyl-1H-indene	190	C12H14O2	1000188-03-2	27





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Acq On : 8 May 2015 7:05
Operator : TP/IZ
Sample : G2116-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-44D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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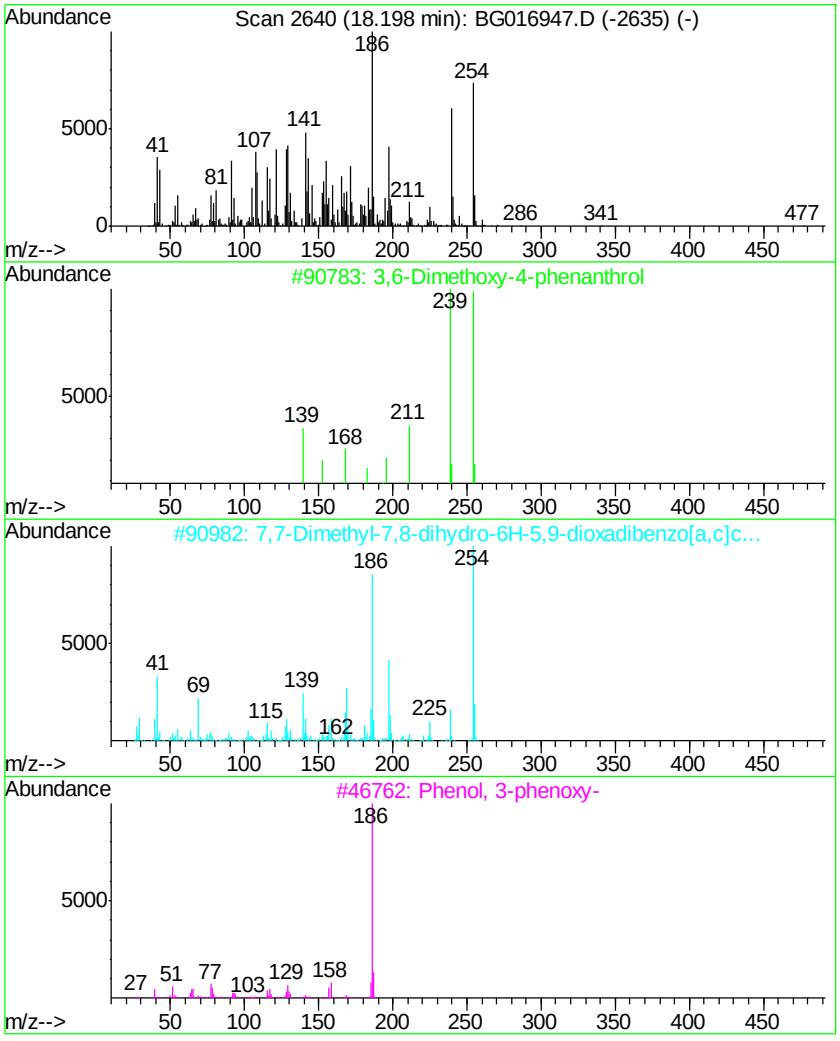
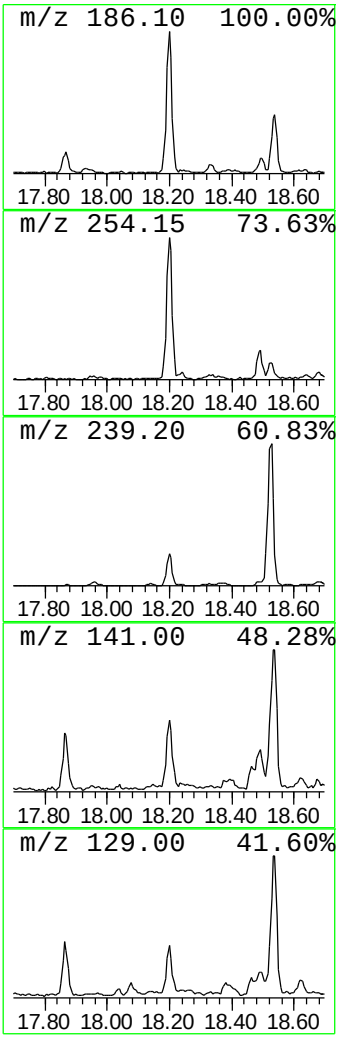
Peak Number 9 unknown18.20 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	29.66 ng	1659370	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethoxy-4-phenanthrol	254	C16H14O3	000481-81-2	30
2	7,7-Dimethyl-7,8-dihydro-6H-5,9-...	254	C17H18O2	161895-54-1	30
3	Phenol, 3-phenoxy-	186	C12H10O2	000713-68-8	20
4	p-Dimethylaminobenzylidene p-ani...	254	C16H18N2O	001749-04-8	18
5	Silane, [1,4-phenylenebis(oxy)]b...	254	C12H22O2Si2	002117-24-0	18





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ClientSampleId : SB-44D

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TIC Library : C:\DATABASE\NIST02.L
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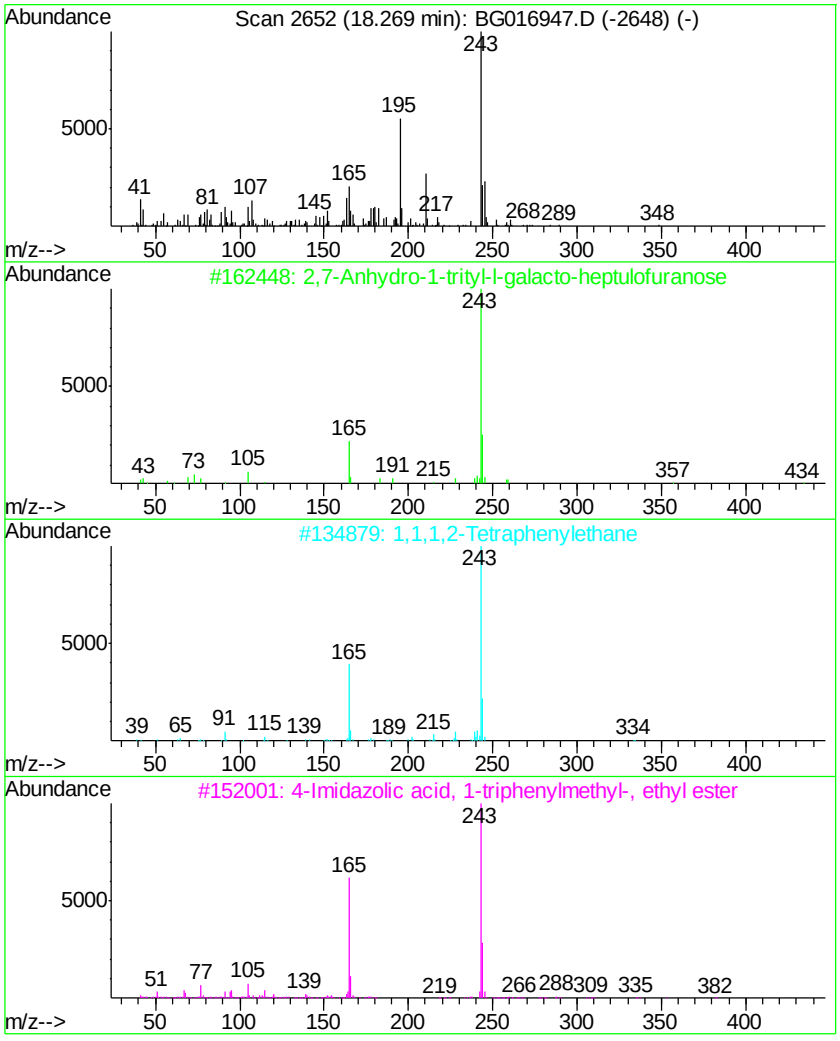
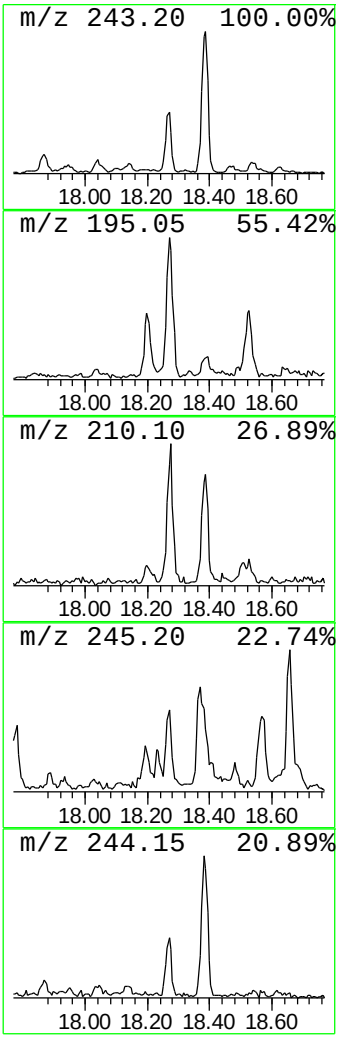
Peak Number 10 unknown18.27 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	9.93 ng	555547	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Anhydro-1-trityl-l-galacto-h...	434	C26H26O6	1000126-10-4	38
2	1,1,1,2-Tetraphenylethane	334	C26H22	002294-94-2	38
3	4-Imidazolic acid, 1-triphenylme...	382	C25H22N2O2	053525-60-3	38
4	Triphenylmethyl phenyl ether	336	C25H20O	005447-80-3	38
5	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	38





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ClientSampleId : SB-44D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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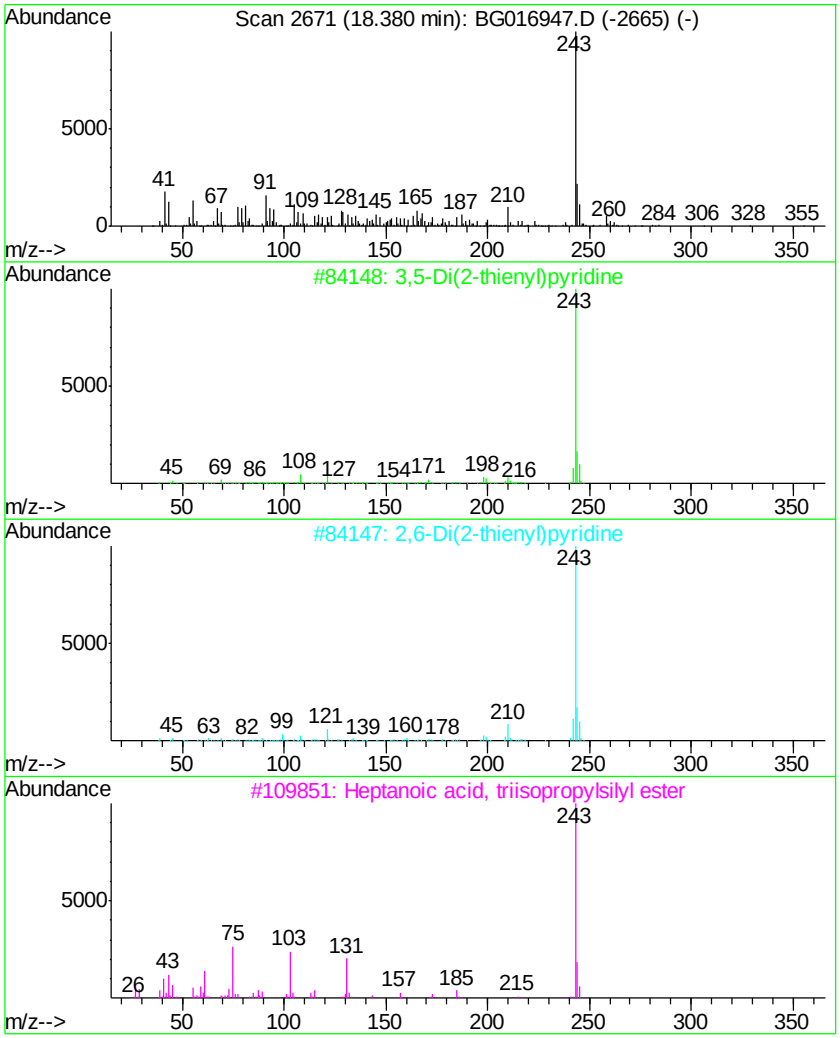
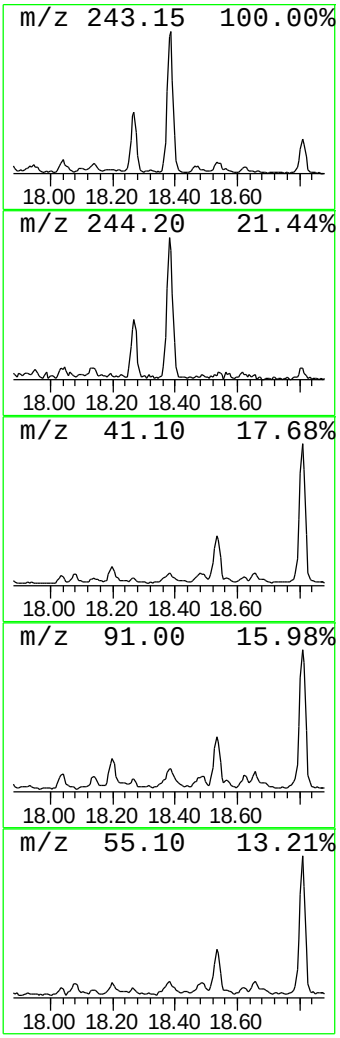
Peak Number 11 3,5-Di(2-thienyl)pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	19.04 ng	1065570	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	81
2	2,6-Di(2-thienyl)pyridine	243	C13H9NS2	035299-71-9	74
3	Heptanoic acid, triisopropylsilv...	286	C16H34O2Si	1000279-49-1	64
4	2-Nitro-1,N-ditritylhistidine me...	698	C45H38N4O4	1000132-96-1	64
5	Benzene, 1,1',1''-ethylidynetris-	258	C20H18	005271-39-6	64





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-44D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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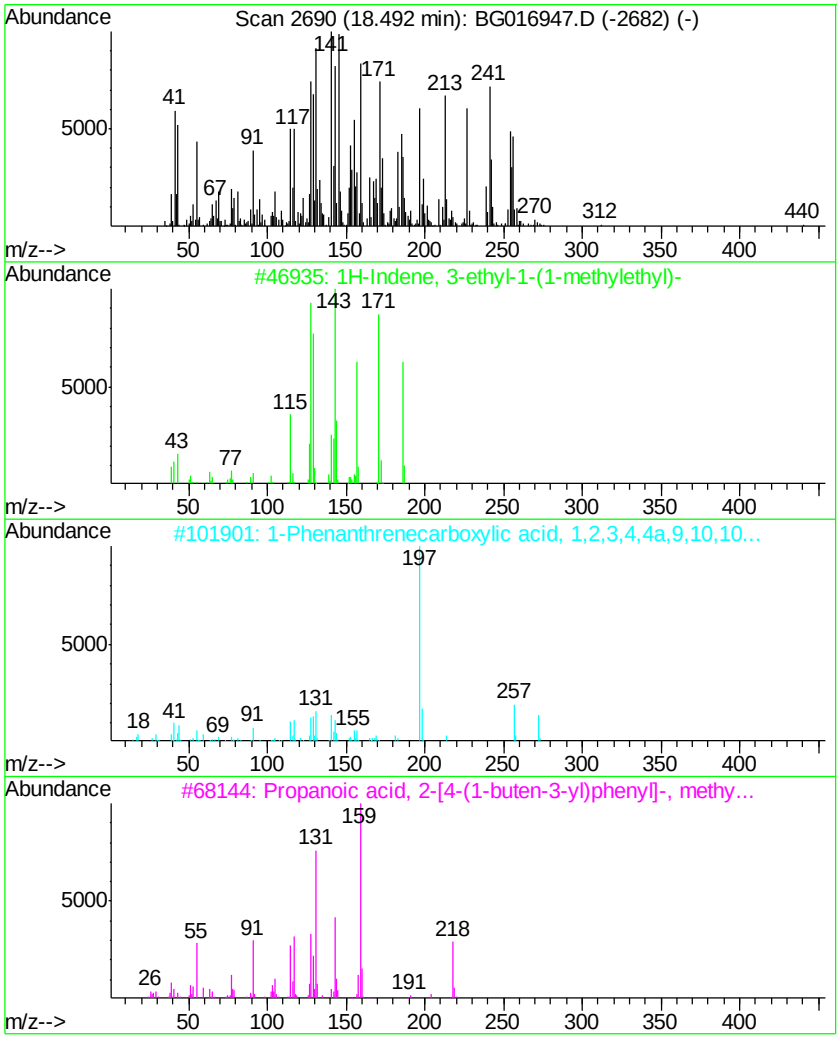
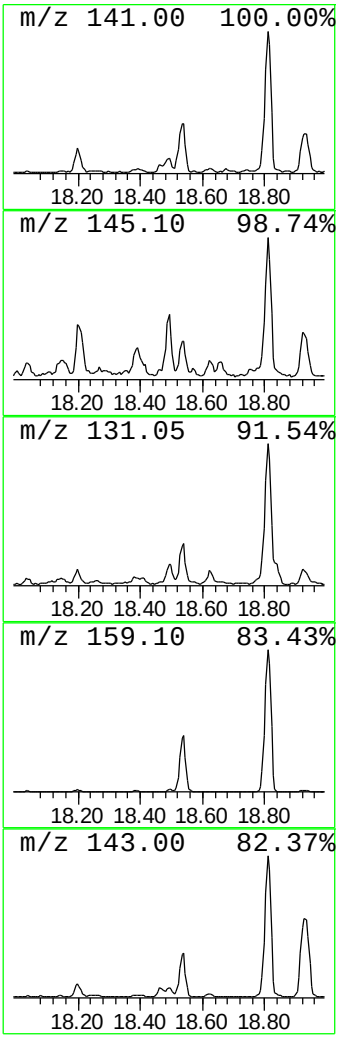
Peak Number 12 unknown18.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	22.50 ng	1258830	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-ethyl-1-(1-methylet...	186	C14H18	111400-85-2	30
2	1-Phenanthrenecarboxylic acid, 1...	272	C18H24O2	003650-04-2	22
3	Propanoic acid, 2-[4-(1-buten-3-...	218	C14H18O2	1000161-46-7	22
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	20
5	2,7-Ethanonaphth[2,3-b]oxirene, ...	172	C12H12O	054461-07-3	18





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ClientSampleId : SB-44D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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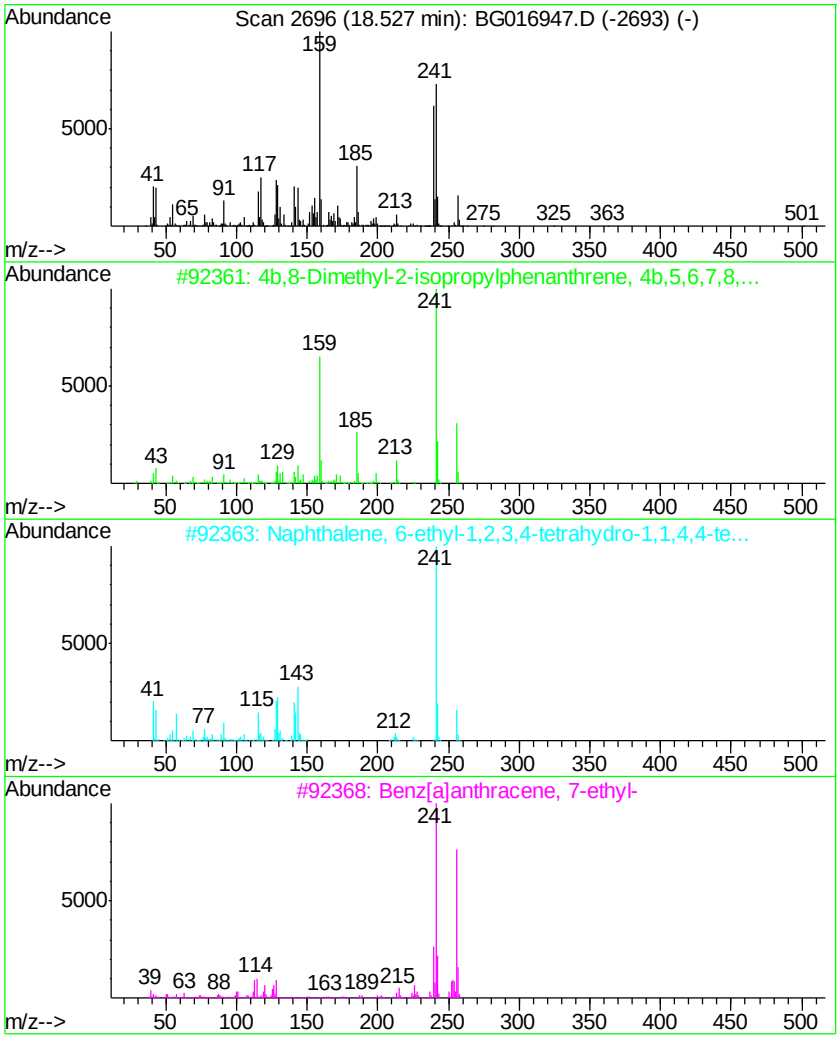
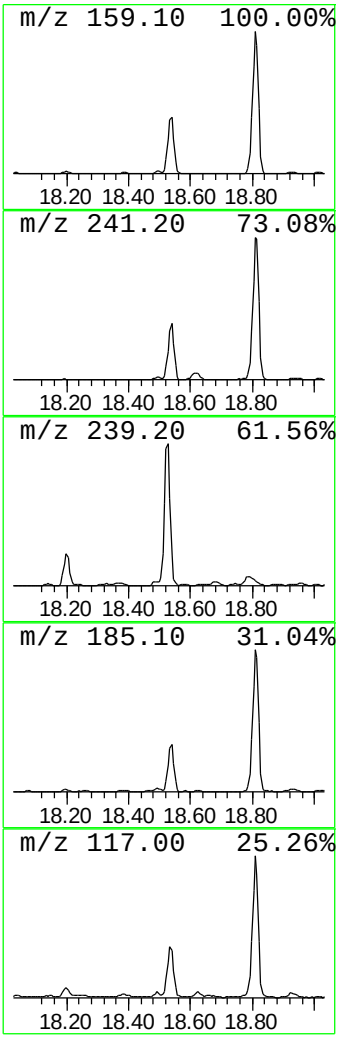
Peak Number 13 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	69.30 ng	3877240	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	81
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
3	Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	27
4	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	27
5	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	25





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ClientSampleId : SB-44D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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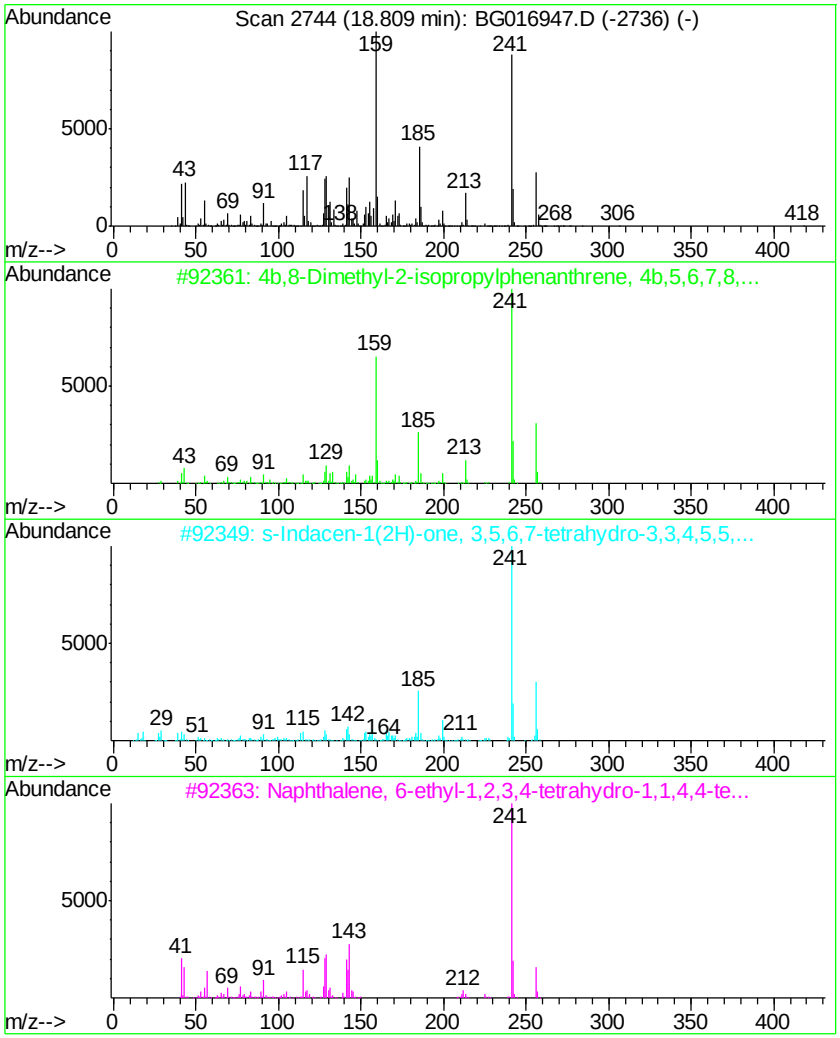
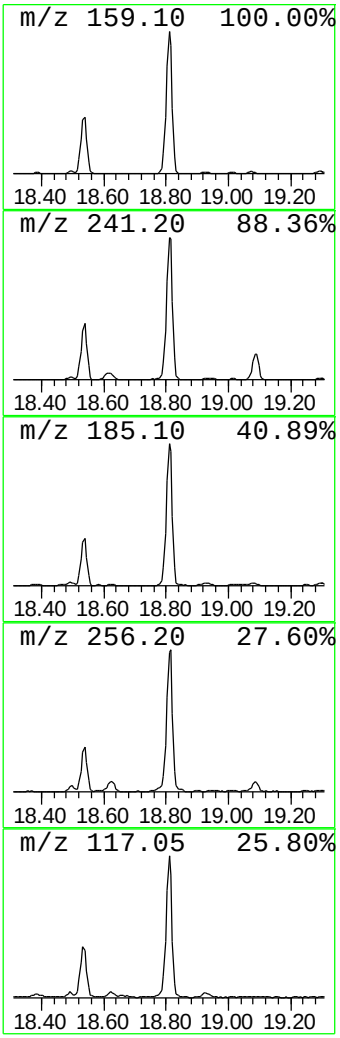
Peak Number 14 s-Indacen-1(2H)-one, 3,5,6,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	203.68 ng	11396200	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	70
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	43
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	30
5	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	27





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Instrument : BNA_G
ClientSampleId : SB-44D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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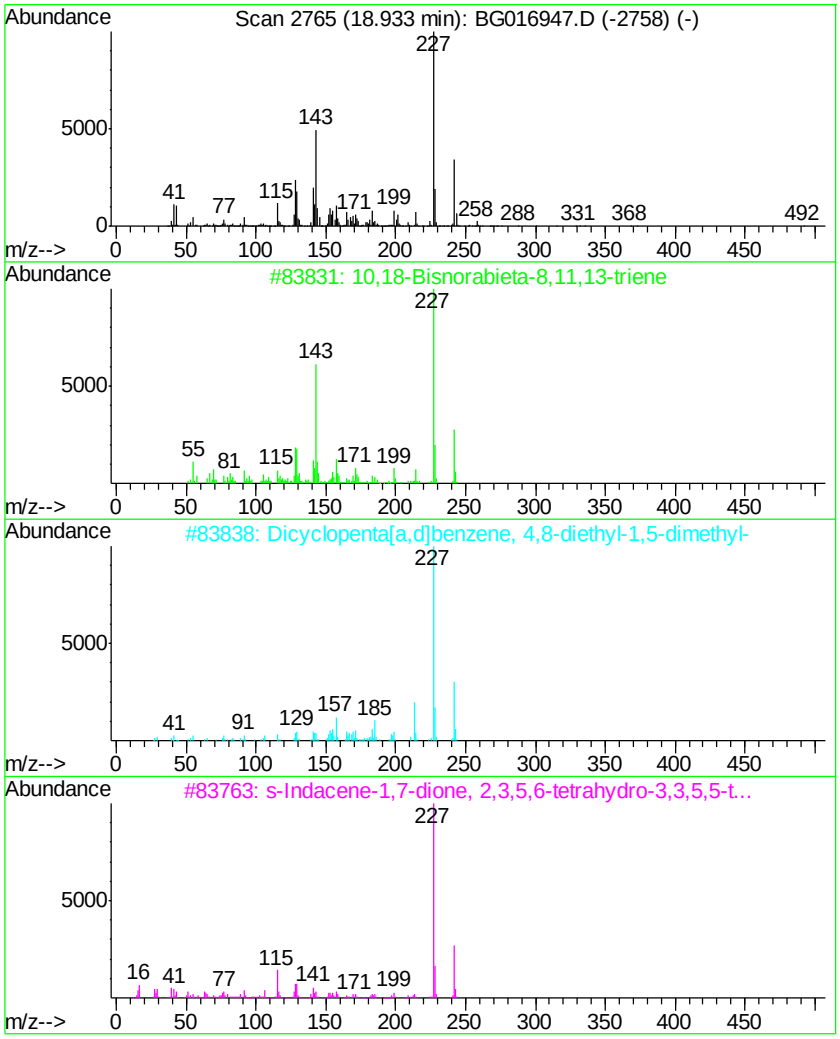
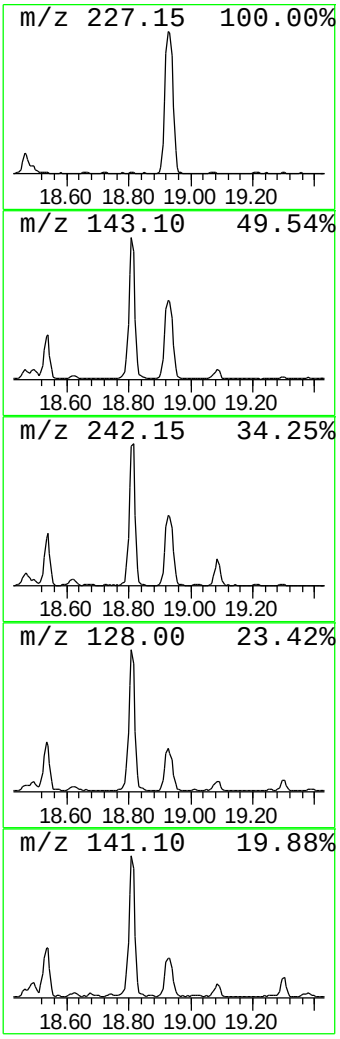
Peak Number 15 10,18-Bisnorabieta-8,11,13-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	51.96 ng	2907210	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	93
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	70
3	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49
4	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	46
5	5H-Indeno[2,1-E]1,2,4triazin-5-o...	227	C10H9N7	1000271-75-1	43





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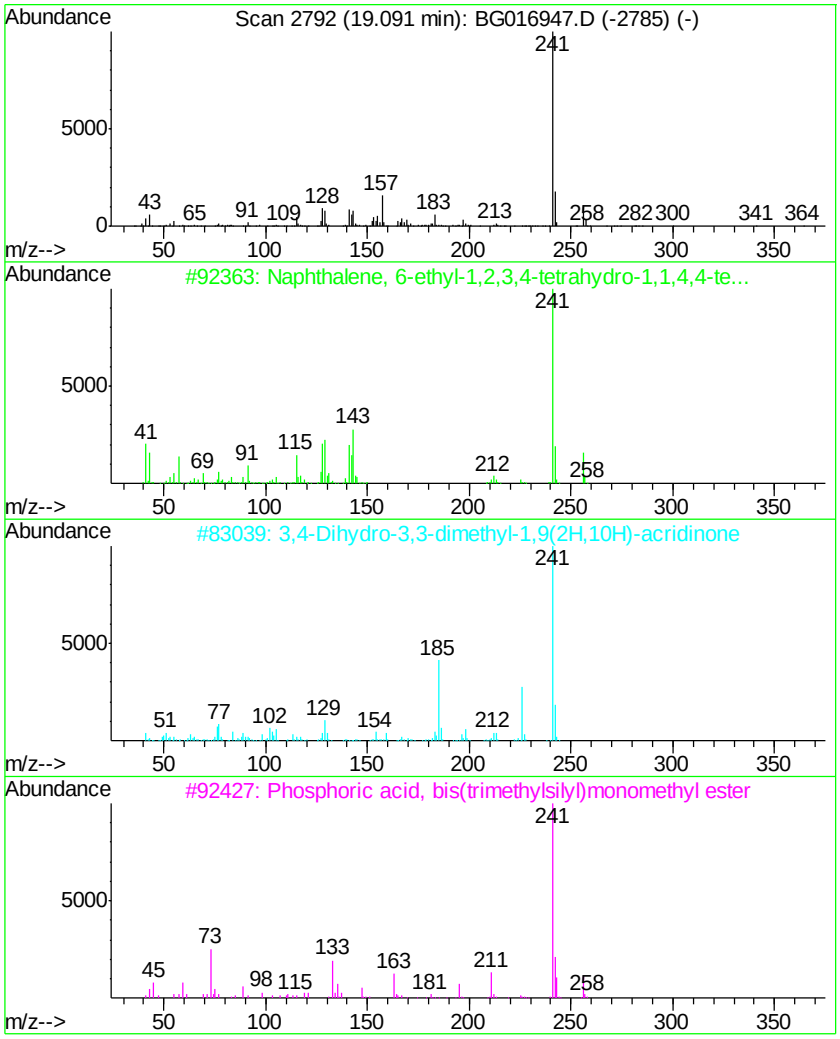
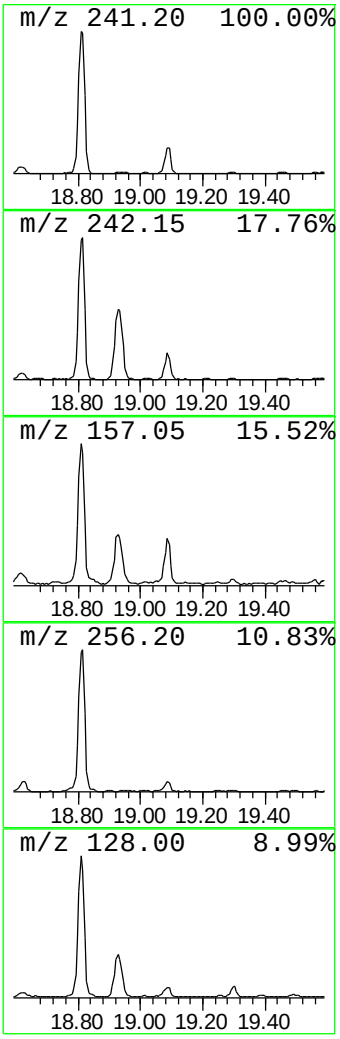
Peak Number 16 3,4-Dihydro-3,3-dimethyl-1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	16.20 ng	906214	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	53
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	50
3	Phosphoric acid, bis(trimethylsi...	256	C7H21O4PSi2	018291-81-1	40
4	1H-Pyrazolo[3,4-b]pyridin-3(2H)-...	241	C13H11N3O2	071290-80-7	38
5	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	38





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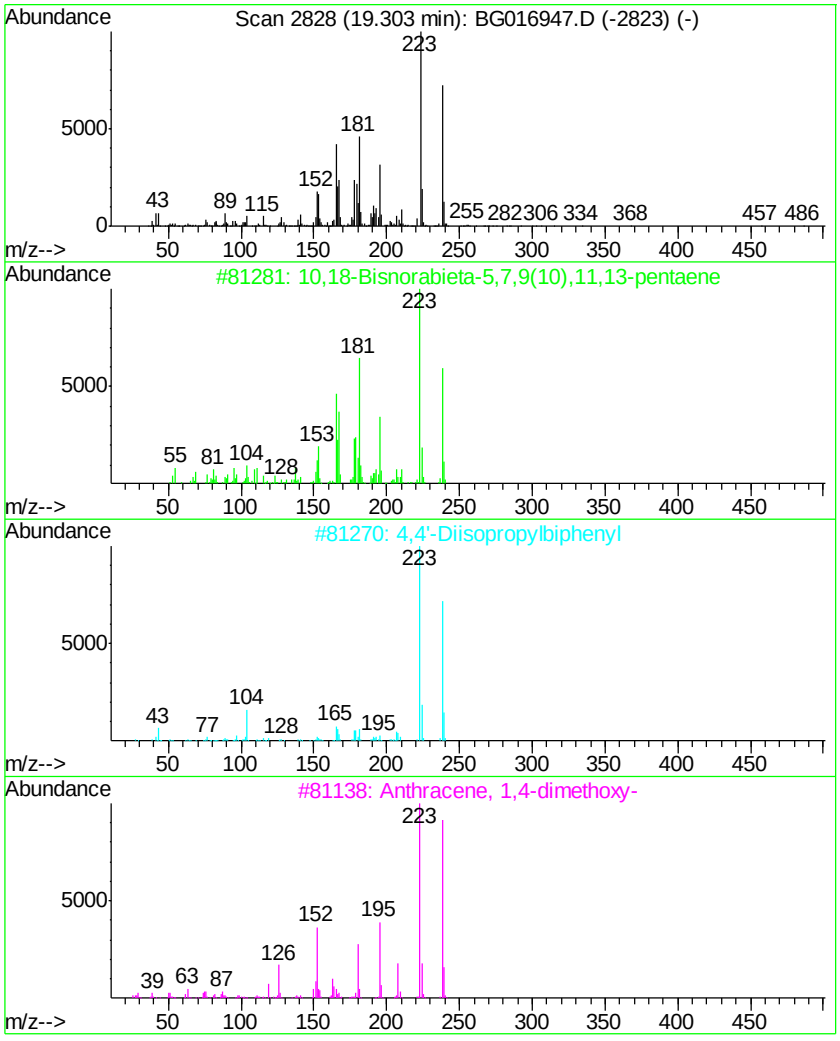
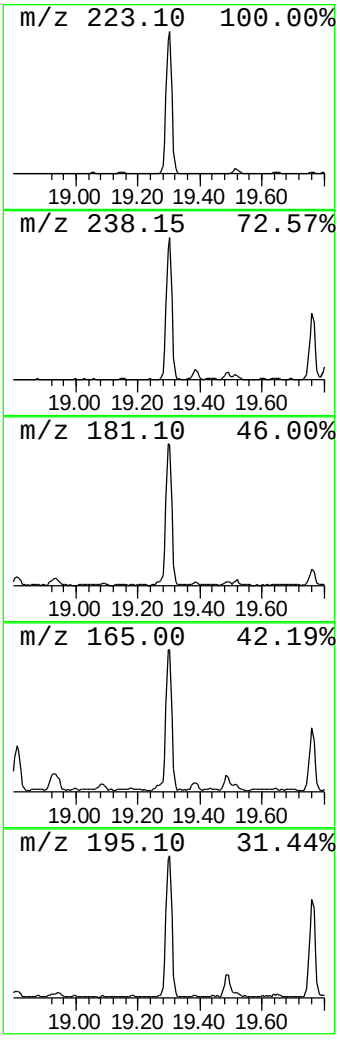
Peak Number 17 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	54.52 ng	3675720	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	98
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	50
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	46
5	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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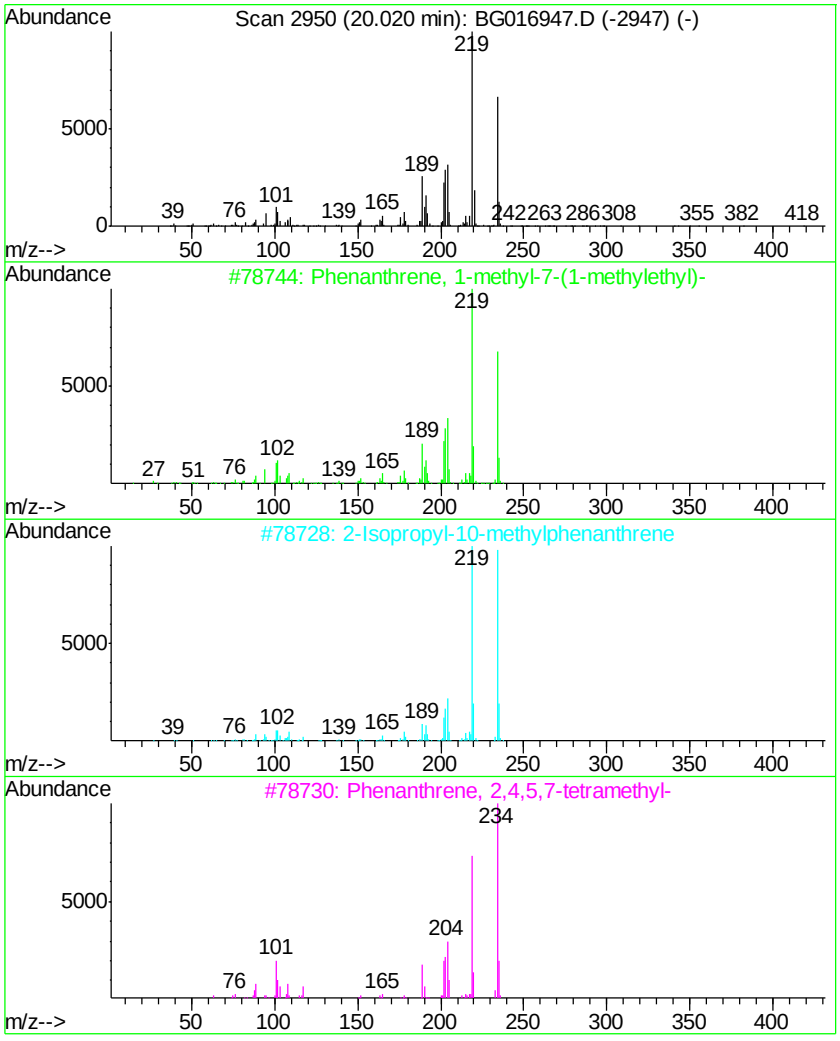
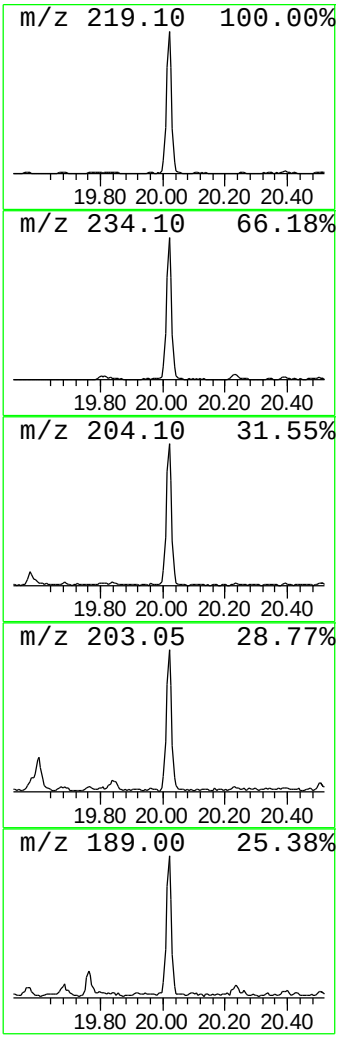
Peak Number 19 Phenanthrene, 1-methyl-7-(1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	19.84 ng	1337200	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	97
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	68
5	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64





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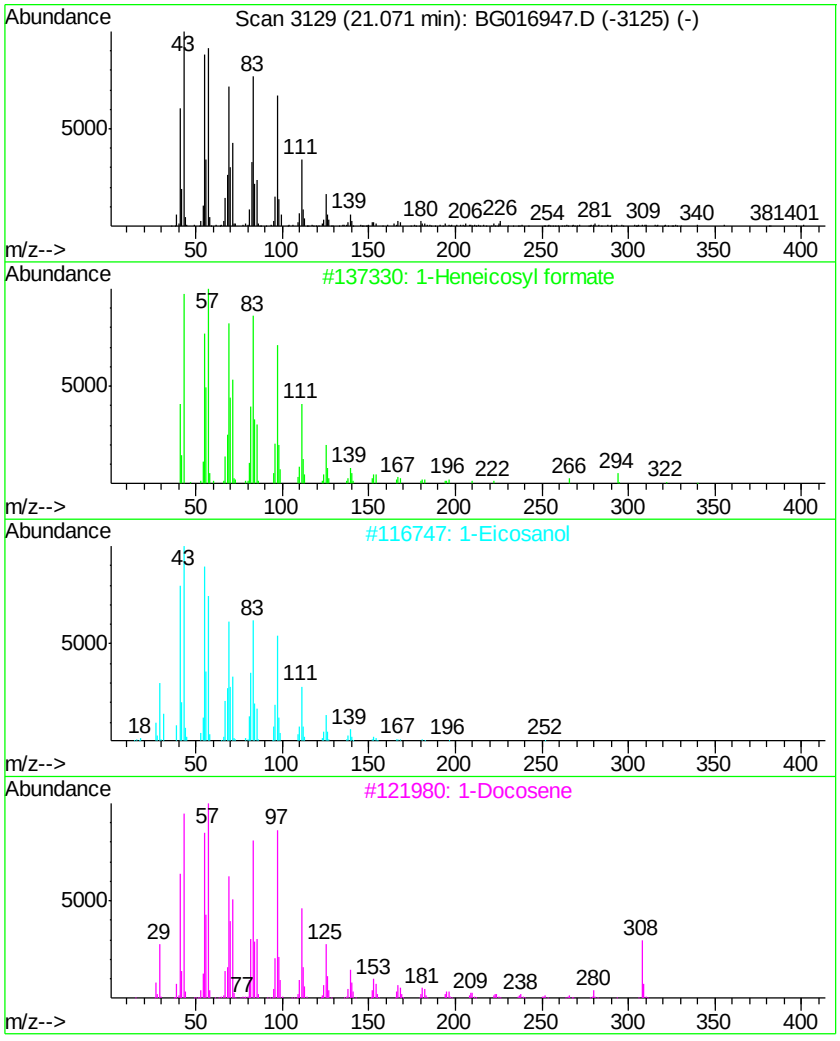
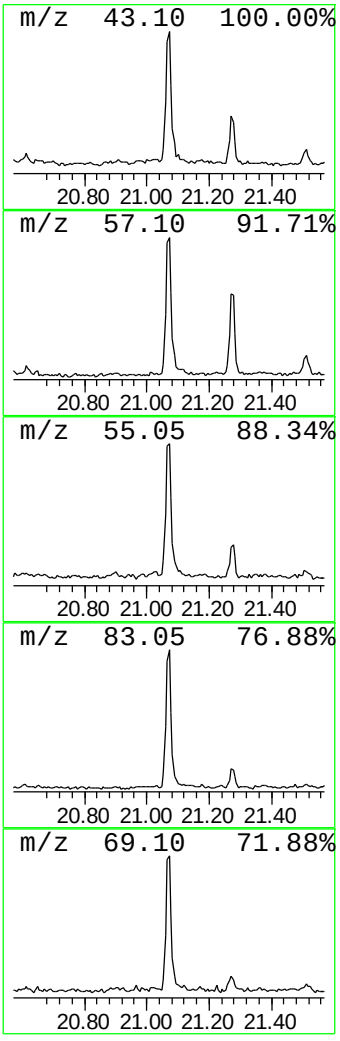
Peak Number 20 1-Heneicosyl formate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	11.87 ng	800061	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	1-Eicosanol	298	C20H42O	000629-96-9	94
3	1-Docosene	308	C22H44	001599-67-3	93
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	1-Docosanol	326	C22H46O	000661-19-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
Data File : BG016947.D
Acq On : 8 May 2015 7:05
Operator : TP/IZ
Sample : G2116-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-44D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.79	2.79	368.7	ng	8713520	1	7.80	472655	20.0
Butane, 2-methoxy...	3.00	10.4	ng	244576	1	7.80	472655	20.0
unknown7.33	7.33	97.6	ng	2306610	1	7.80	472655	20.0
Cyclohexanol, 2-[...	17.69	9.6	ng	536020	4	17.18	1119010	20.0
Naphthalene, 6-et...	17.86	24.0	ng	1342410	4	17.18	1119010	20.0
unknown18.03	18.03	8.5	ng	473518	4	17.18	1119010	20.0
unknown18.20	18.20	29.7	ng	1659370	4	17.18	1119010	20.0
unknown18.27	18.27	9.9	ng	555547	4	17.18	1119010	20.0
3,5-Di(2-thienyl)...	18.38	19.0	ng	1065570	4	17.18	1119010	20.0
unknown18.49	18.49	22.5	ng	1258830	4	17.18	1119010	20.0
4b,8-Dimethyl-2-i...	18.53	69.3	ng	3877240	4	17.18	1119010	20.0
s-Indacen-1(2H)-o...	18.81	203.7	ng	11396200	4	17.18	1119010	20.0
10,18-Bisnorabiet...	18.93	52.0	ng	2907210	4	17.18	1119010	20.0
3,4-Dihydro-3,3-d...	19.09	16.2	ng	906214	4	17.18	1119010	20.0
10,18-Bisnorabiet...	19.30	54.5	ng	3675720	5	21.36	1348290	20.0
Phenanthrene, 1-m...	20.02	19.8	ng	1337200	5	21.36	1348290	20.0
1-Heneicosyl formate	21.07	11.9	ng	800061	5	21.36	1348290	20.0