LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

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-BG042315.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	2.712	3	4	11	rVB	39843	41461	2.11%	0.165%
2	4.674	333	338	348	rVB	65868	96678	4.92%	0.385%
3	5.156	414	420	434	rBV	351632	531322	27.03%	2.116%
4	6.766	688	694	709	rBV	358982	594630	30.25%	2.368%
5	7.106	744	752	764	rBV	394070	627988	31.95%	2.501%
6	7.565	823	830	836	rBV	258566	387174	19.70%	1.542%
7	7.882	877	884	896	rVB	325256	490474	24.95%	1.953%
8	8.728	1020	1028	1046	rBV	206645	360820	18.36%	1.437%
9	10.350	1297	1304	1310	rBV	350265	576248	29.32%	2.295%
10	10.397	1310	1312	1320	rVB2	14209	21554	1.10%	0.086%
11	12.024	1582	1589	1596	rBV	15133	23627	1.20%	0.094%
12	12.248	1619	1627	1635	rVB	23924	39523	2.01%	0.157%
13	12.835	1721	1727	1736	rBV	582004	844991	42.99%	3.365%
14	13.381	1811	1820	1821	rBV	19548	26561	1.35%	0.106%
15	13.399	1821	1823	1831	rVB3	22233	28633	1.46%	0.114%
16	13.540	1841	1847	1852	rBV2	38569	66671	3.39%	0.265%
17	13.593	1852	1856	1866	rVB	23477	36527	1.86%	0.145%
18	13.681	1866	1871	1878	rBV2	19083	31986	1.63%	0.127%
19	13.781	1880	1888	1891	rBV2	19608	31176	1.59%	0.124%
20	13.945	1908	1916	1929	rBV	65524	119204	6.06%	0.475%
21	14.222	1955	1963	1970	rBV2	484879	721262	36.69%	2.872%
22	14.286	1970	1974	1983	rVB	43655	67793	3.45%	0.270%
23	14.621	2024	2031	2039	rVB	85591	130100	6.62%	0.518%
24	14.703	2039	2045	2049	rBV	18559	28570	1.45%	0.114%
25	14.844	2061	2069	2073	rBV4	17217	34217	1.74%	0.136%
26	14.897	2074	2078	2083	rVB	15757	21513	1.09%	0.086%
27	15.015	2091	2098	2101	rBV3	12271	23610	1.20%	0.094%
28	15.273	2137	2142	2154	rVB2	166419	251494	12.79%	1.001%
29	15.573	2187	2193	2203	rVB3	44475	105432	5.36%	0.420%
30	15.720	2210	2218	2226	rBV	350320	547995	27.88%	2.182%
31	15.802	2226	2232	2241	rVB2	10069	23904	1.22%	0.095%
32	15.949	2251	2257	2264	rBV6	14673	28372	1.44%	0.113%
33	16.278	2304	2313	2318	rBV2	42394	81462	4.14%	0.324%
34	16.325	2318	2321	2326	rVB2	20713	29090	1.48%	0.116%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

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-BG042315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.425	2335	2338	2343	rVB2	15501	21174	1.08%	0.084%
36	16.507	2348	2352	2356	rBV3	17435	25346	1.29%	0.101%
37	16.625	2368	2372	2380	rVV	57445	88831	4.52%	0.354%
38	16.701	2380	2385	2391	rVV2	21869	46696	2.38%	0.186%
39	16.789	2395	2400	2408	rVB	74423	113938	5.80%	0.454%
40	16.971	2424	2431	2434	rBV2	520238	773615	39.36%	3.080%
41	17.012	2434	2438	2444	rVV	1402552	1864766	94.87%	7.425%
42	17.101	2448	2453	2459	rVV	231836	311234	15.83%	1.239%
43	17.159	2459	2463	2469	rVV4	22533	39507	2.01%	0.157%
44	17.377	2492	2500	2507	rBV	66570	123665	6.29%	0.492%
45	17.488	2515	2519	2521	rBV	24727	32966	1.68%	0.131%
46	17.518	2521	2524	2526	rVV	35926	48907	2.49%	0.195%
47	17.547	2526	2529	2538	rVB4	38702	74791	3.80%	0.298%
48	17.688	2550	2553	2561	rVB	16872	30004	1.53%	0.119%
49	17.841	2574	2579	2583	rVV	171422	240405	12.23%	0.957%
50	17.894	2583	2588	2594	rVV	225762	345049	17.55%	1.374%
51	17.970	2596	2601	2606	rVV	56427	85532	4.35%	0.341%
52	18.035	2606	2612	2616	rVV2	225686	379149	19.29%	1.510%
53	18.076	2616	2619	2628	rVB	106901	145779	7.42%	0.580%
54	18.158	2628	2633	2636	rBV4	19565	30790	1.57%	0.123%
55	18.346	2661	2665	2669	rBV	102888	136064	6.92%	0.542%
56	18.393	2669	2673	2678	rVB	81427	114846	5.84%	0.457%
57	18.599	2704	2708	2712	rVB3	25852	30025	1.53%	0.120%
58	18.646	2712	2716	2720	rBV	32382	38352	1.95%	0.153%
59	18.687	2720	2723	2727	rVB	28077	35162	1.79%	0.140%
60	18.769	2727	2737	2742	rBV	74857	149812	7.62%	0.597%
61	18.852	2742	2751	2756	rVV	119200	241898	12.31%	0.963%
62	18.910	2757	2761	2769	rVB2	79842	128958	6.56%	0.513%
63	19.034	2776	2782	2790	rBV	1498171	1965616	100.00%	7.827%
64	19.098	2790	2793	2796	rBV	25882	30296	1.54%	0.121%
65	19.134	2796	2799	2802	rBV2	28527	37783	1.92%	0.150%
66	19.186	2803	2808	2812	rVB	95015	121850	6.20%	0.485%
67	19.280	2820	2824	2827	rVB	28580	37004	1.88%	0.147%
68	19.369	2834	2839	2840	rBV	149449	200236	10.19%	0.797%
69	19.398	2840	2844	2852	rVV	1163009	1518155	77.24%	6.045%
70	19.468	2852	2856	2863	rVB3	57398	86851	4.42%	0.346%
71	19.604	2871	2879	2883	rBV	790829	980064	49.86%	3.902%

LSC Area Percent Report

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Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
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Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.639	2883	2885	2891	rVB	54330	69030	3.51%	0.275%
73	19.727	2894	2900	2906	rBV4	80770	196813	10.01%	0.784%
74	19.786	2906	2910	2912	rBV2	19301	22904	1.17%	0.091%
75	19.856	2918	2922	2925	rBV3	64001	110970	5.65%	0.442%
76	19.897	2925	2929	2934	rVB	161156	221446	11.27%	0.882%
77	19.997	2942	2946	2949	rBV	97338	121160	6.16%	0.482%
78	20.050	2951	2955	2960	rVB2	103671	157773	8.03%	0.628%
79	20.191	2975	2979	2982	rBV	57008	68737	3.50%	0.274%
80	20.238	2983	2987	2991	rVB2	55940	75627	3.85%	0.301%
81	20.644	3052	3056	3064	rVB	116763	155247	7.90%	0.618%
82	20.802	3079	3083	3087	rBV2	101358	144930	7.37%	0.577%
83	20.843	3087	3090	3092	rVV	102695	113012	5.75%	0.450%
84	20.879	3092	3096	3102	rVV3	124479	249899	12.71%	0.995%
85	20.937	3102	3106	3113	rVB2	122392	180049	9.16%	0.717%
86	21.108	3133	3135	3136	rBV2	27686	22043	1.12%	0.088%
87	21.155	3137	3143	3147	rVV2	896725	1810709	92.12%	7.210%
88	21.196	3147	3150	3159	rVB	568067	705524	35.89%	2.809%
89	21.307	3167	3169	3174	rBV2	40096	52386	2.67%	0.209%
90	21.366	3175	3179	3184	rBV	81312	120984	6.16%	0.482%
91	21.695	3233	3235	3239	rVB	98555	103445	5.26%	0.412%
92	21.889	3266	3268	3271	rBV	38866	39093	1.99%	0.156%
93	22.694	3400	3405	3410	rBV	406839	866992	44.11%	3.452%
94	22.864	3430	3434	3441	rVB	84741	130995	6.66%	0.522%
95	23.164	3480	3485	3494	rVB	198184	380756	19.37%	1.516%
96	23.258	3496	3501	3508	rVB	312955	554700	28.22%	2.209%
97	23.358	3512	3518	3522	rBV2	369636	691710	35.19%	2.754%

Sum of corrected areas: 25114112

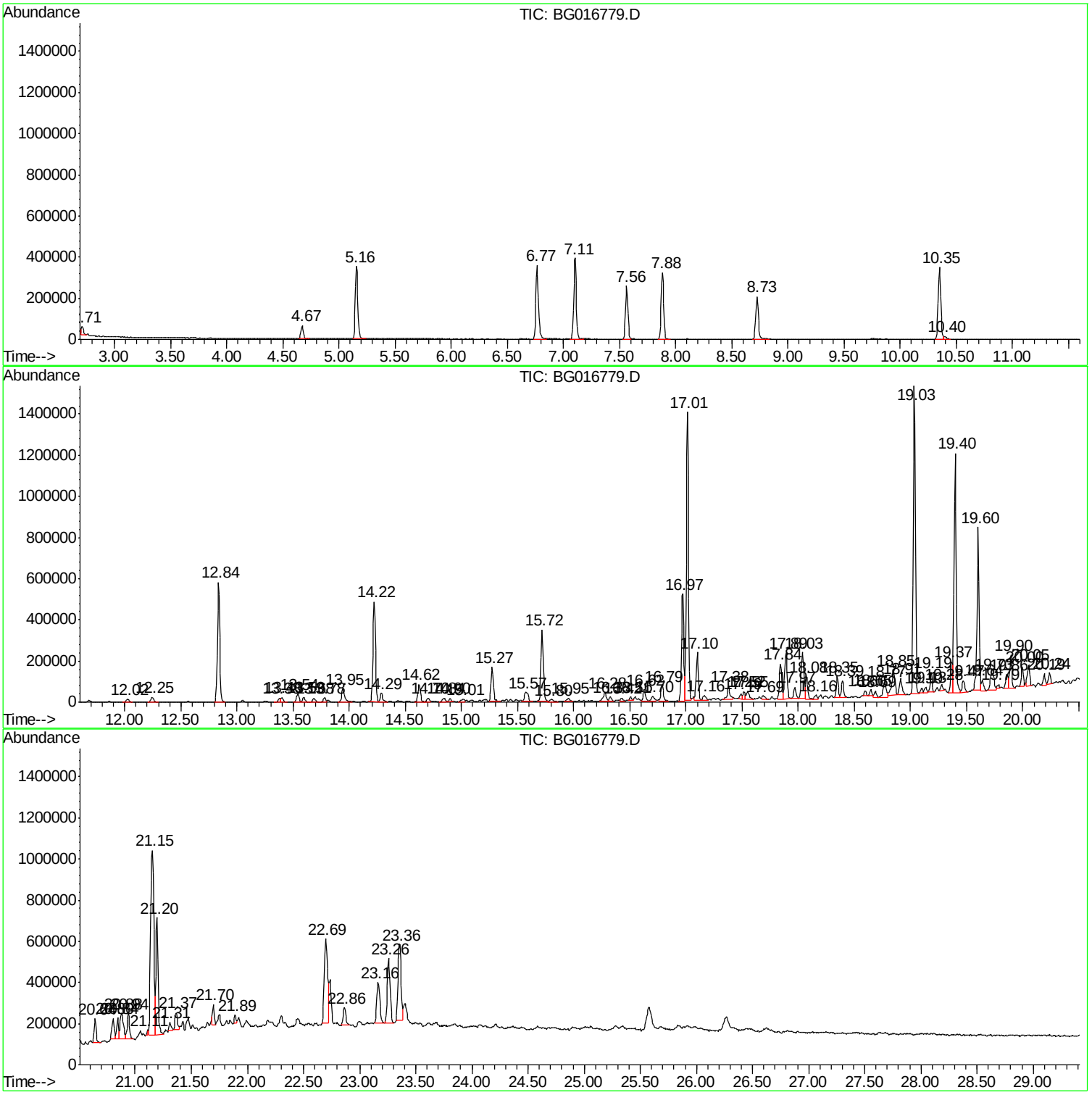
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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\BG042815\
Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

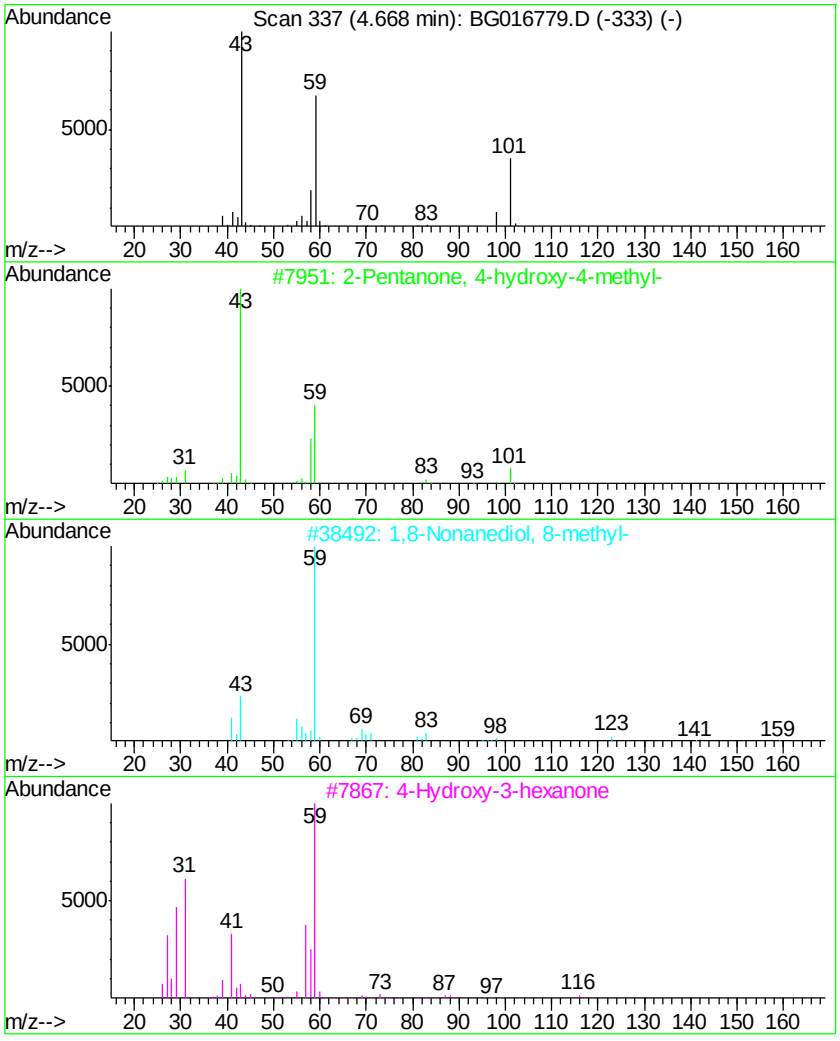
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

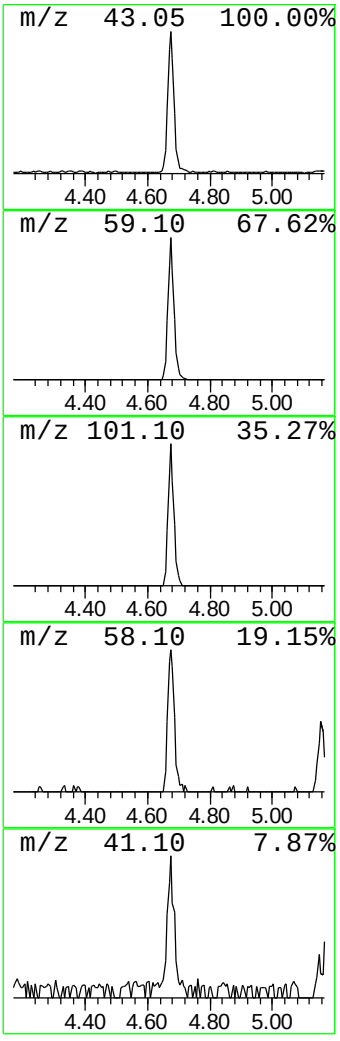
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	4.99 ng	96678	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
4	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	25
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	23





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

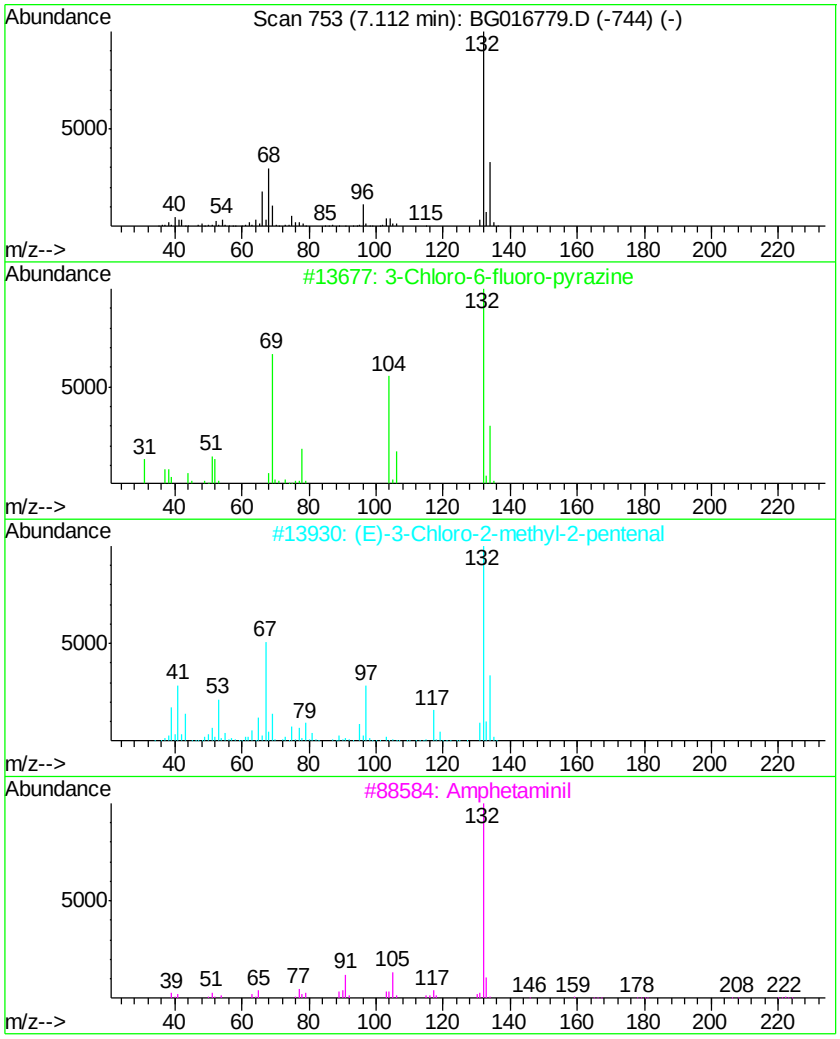
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

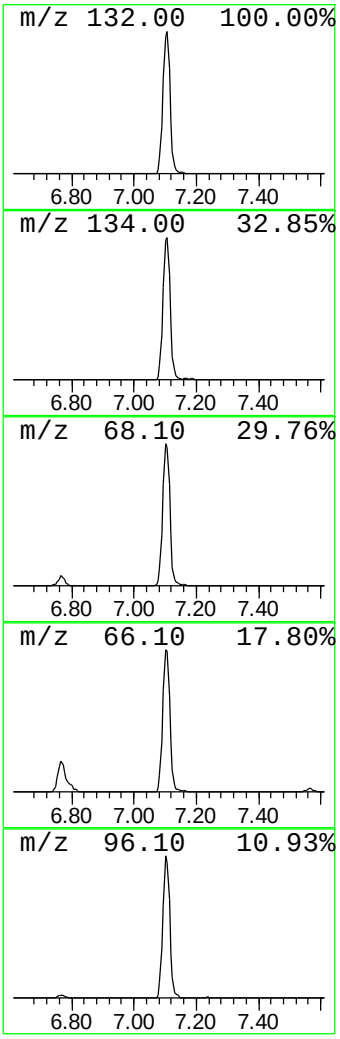
****

Peak Number 2 unknown7.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	32.44 ng	627988	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

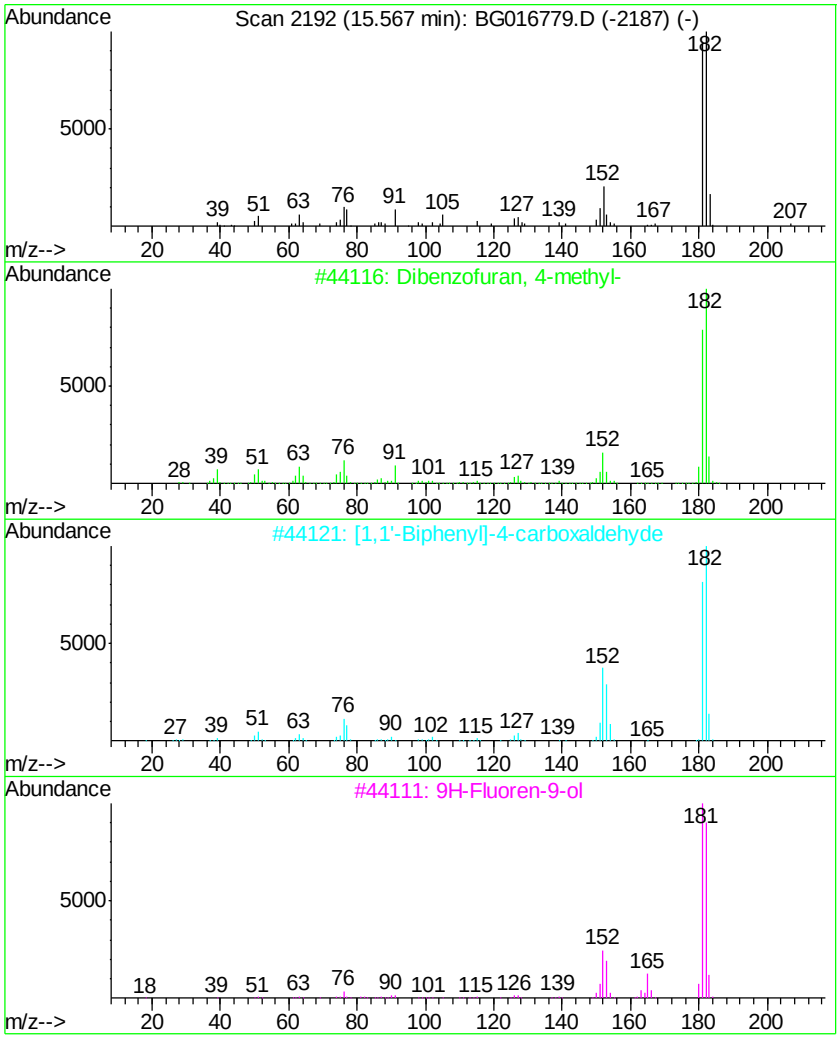
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

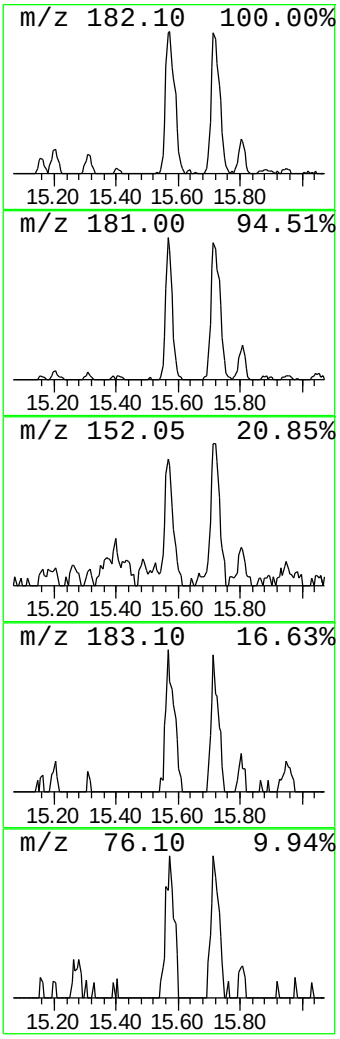
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.92 ng	105432	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	9H-Xanthene	182	C13H10O	000092-83-1	49
5	2-Fluorenamine	181	C13H11N	000153-78-6	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

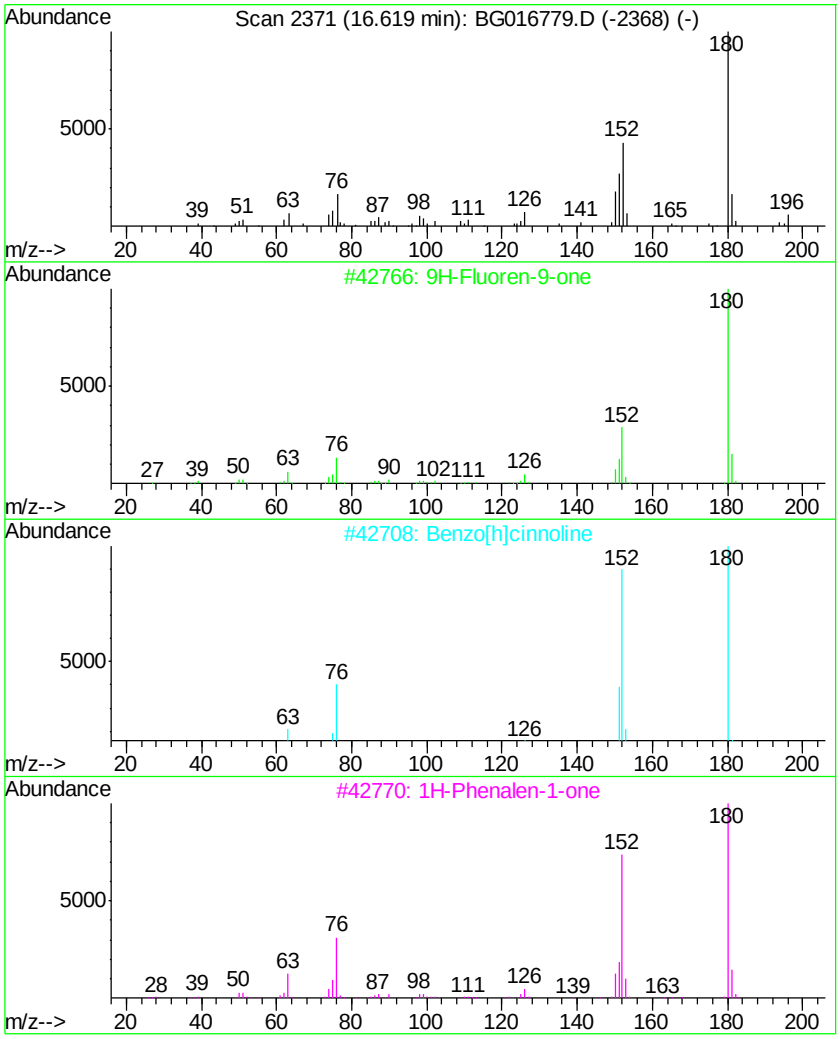
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

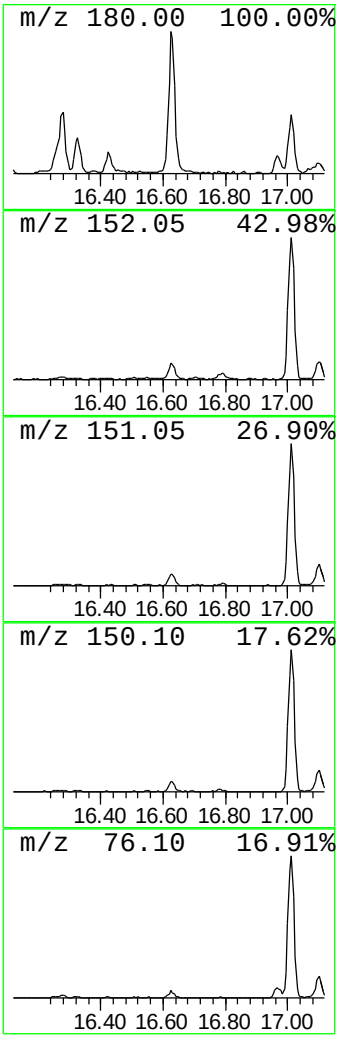
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.30 ng	88831	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	72
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
4	2,4-Diazaphenanthrene	180	C12H8N2	000230-28-4	47
5	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

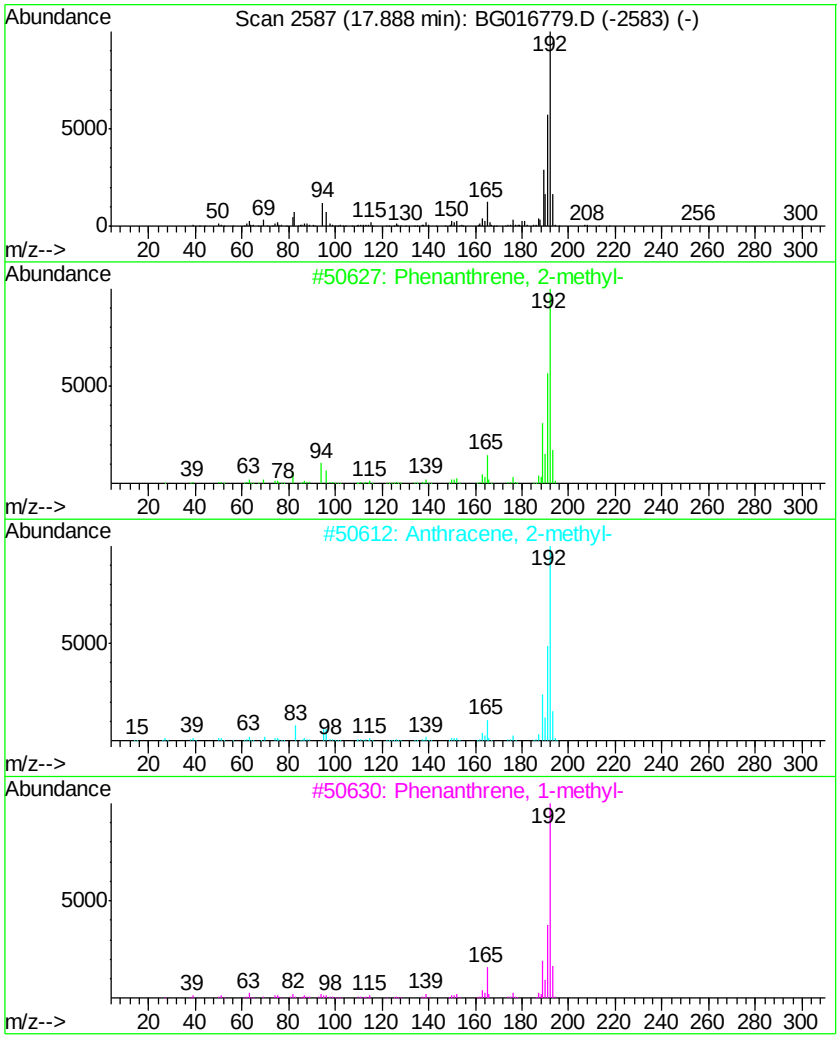
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

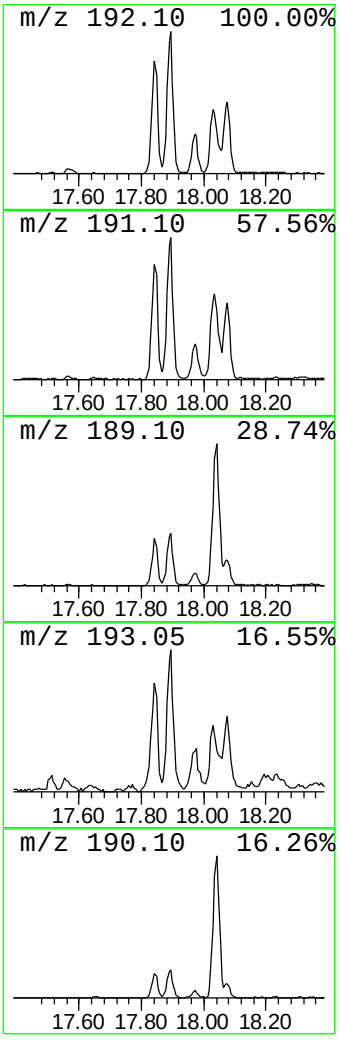
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	8.92 ng	345049	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

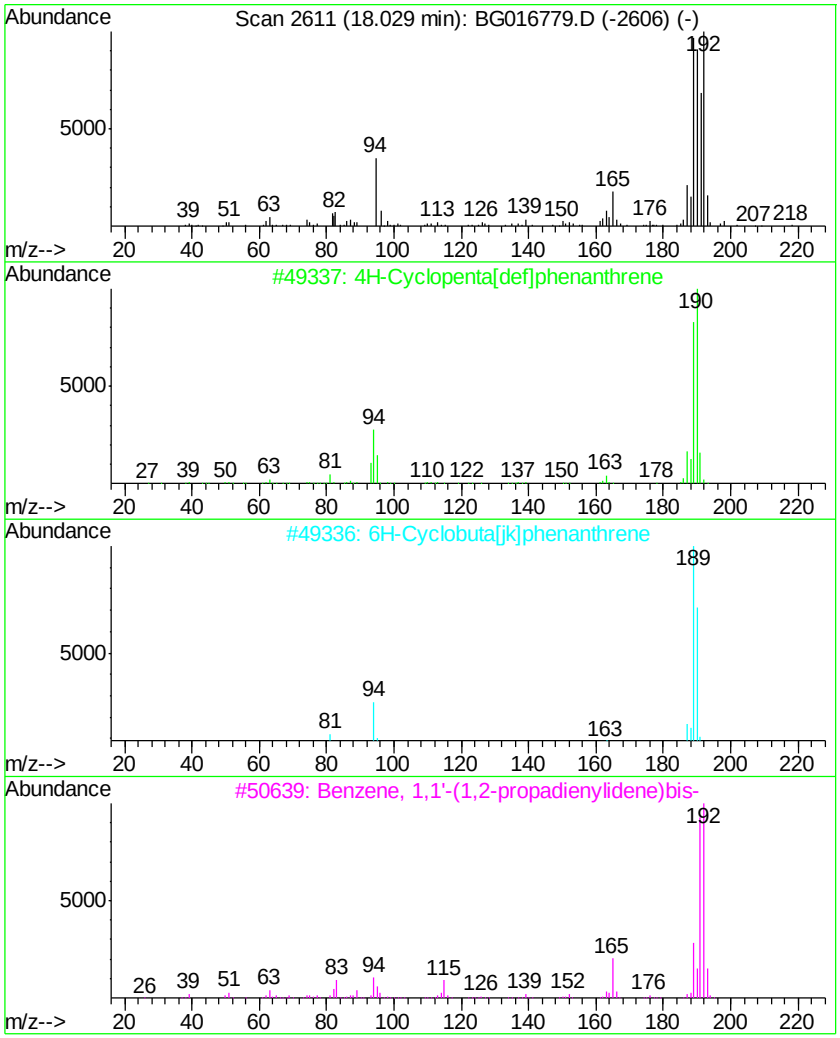
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

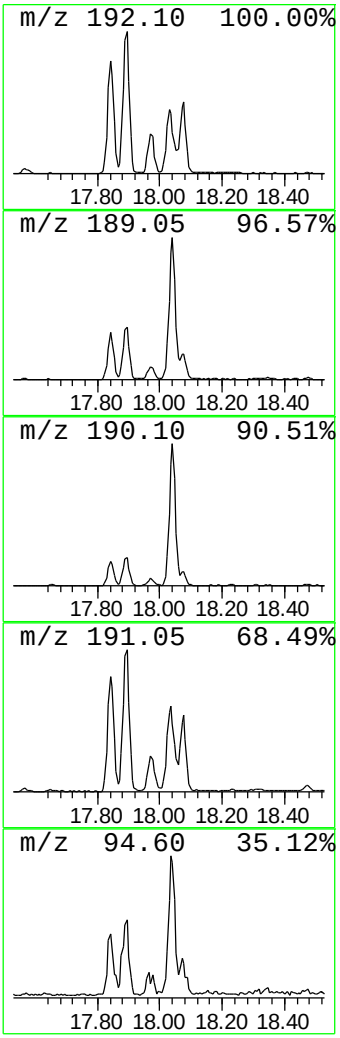
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	9.80 ng	379149	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





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Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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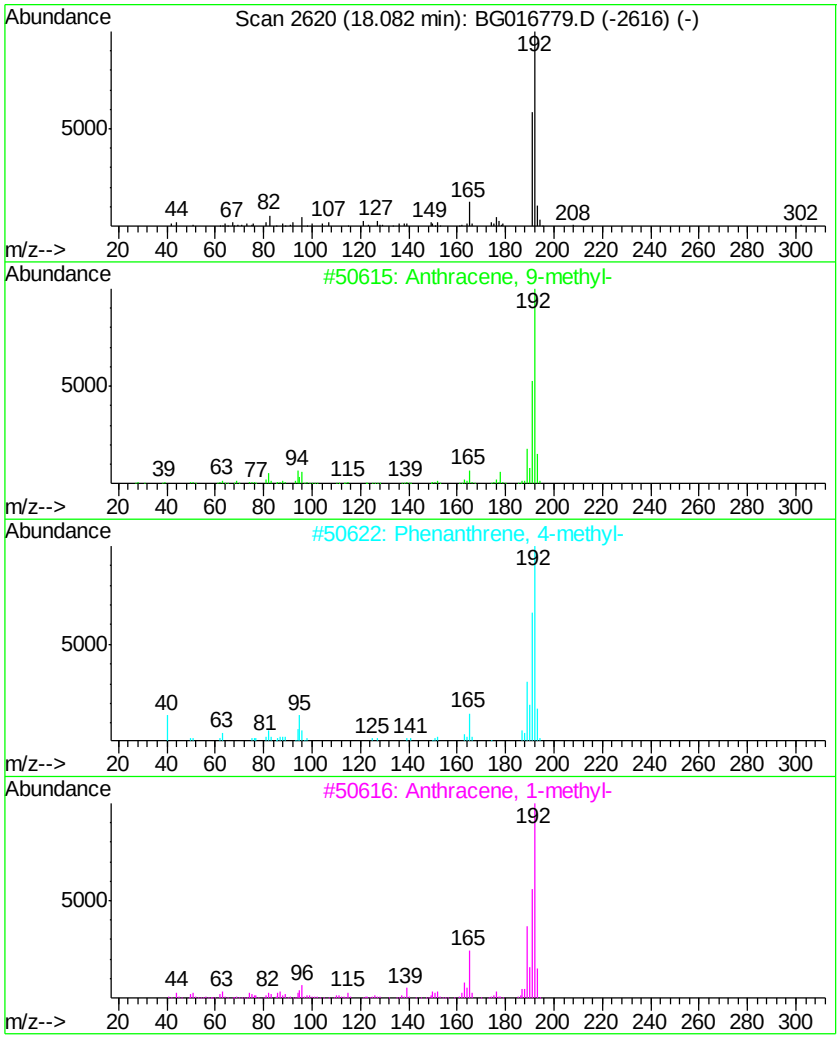
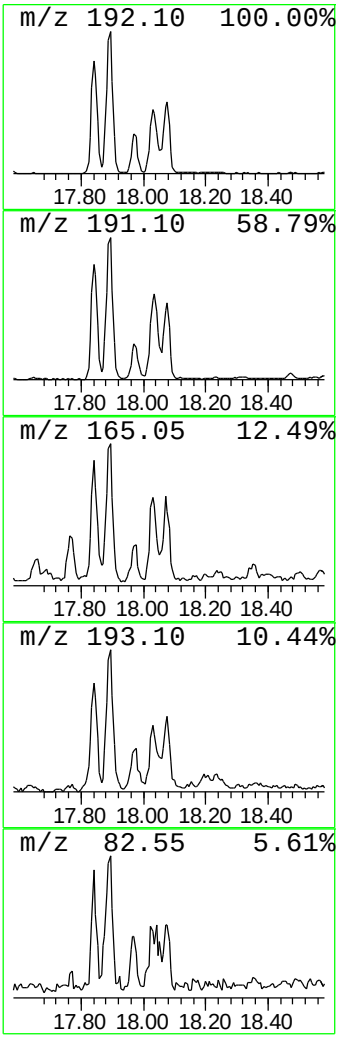
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.77 ng	145779	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86





Library Search Compound Report

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Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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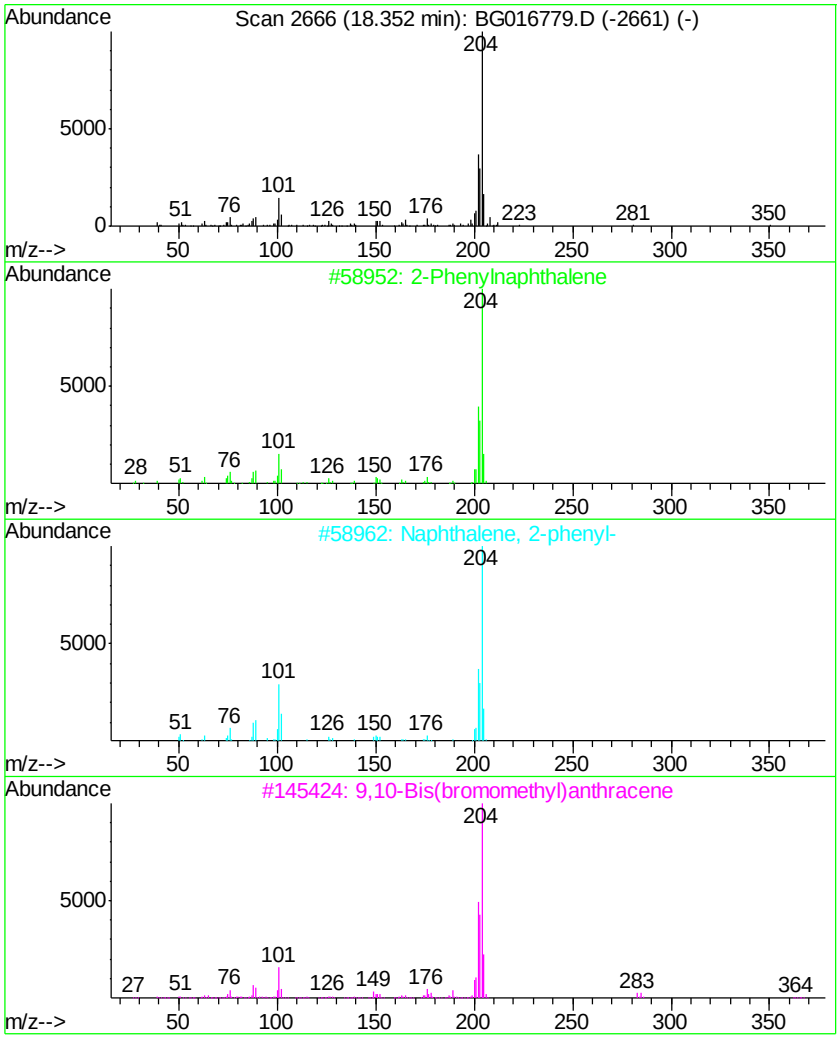
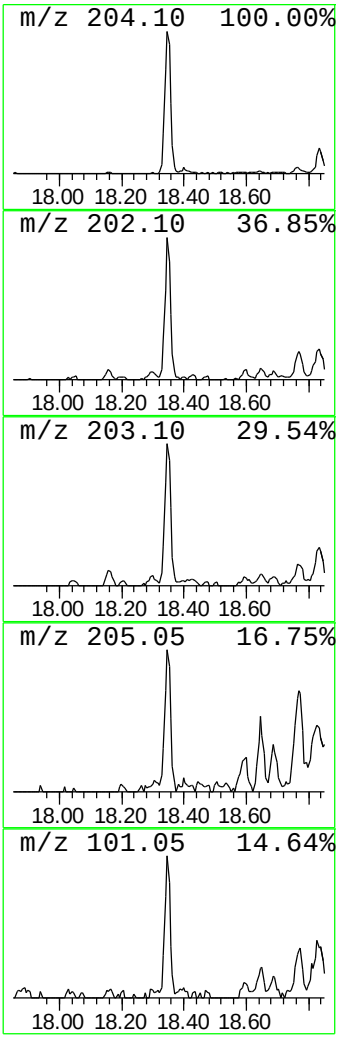
Peak Number 12 2-Phenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.52 ng	136064	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

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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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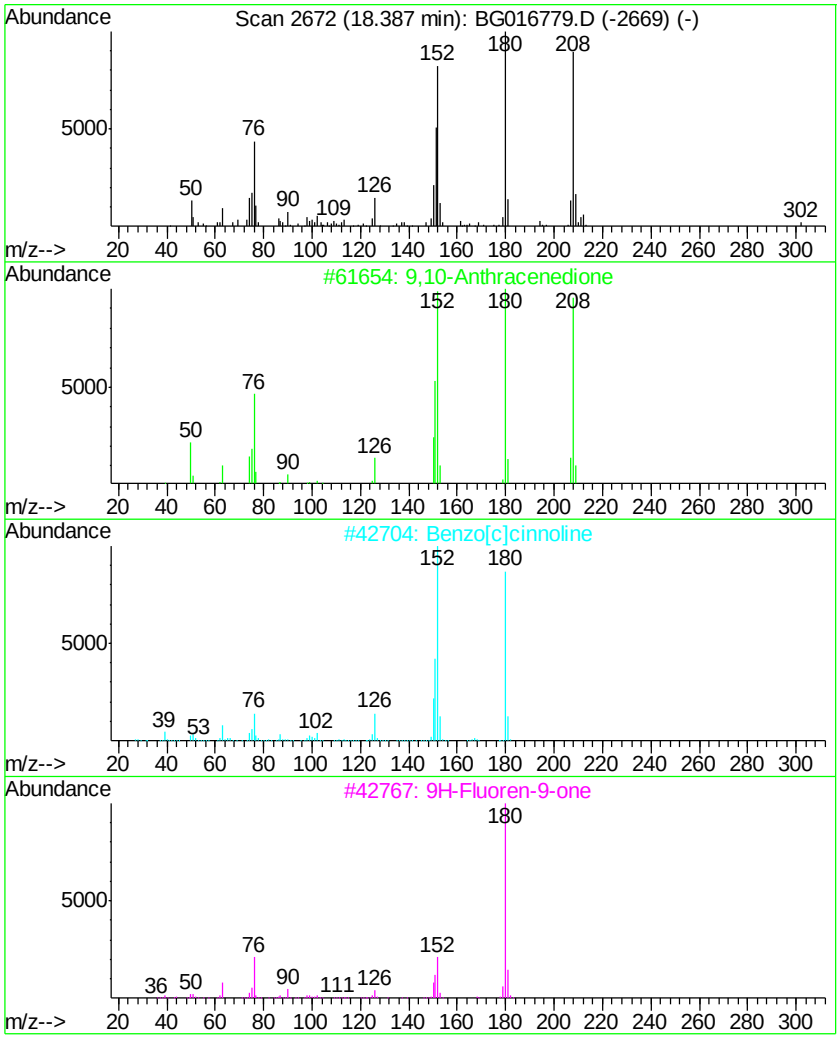
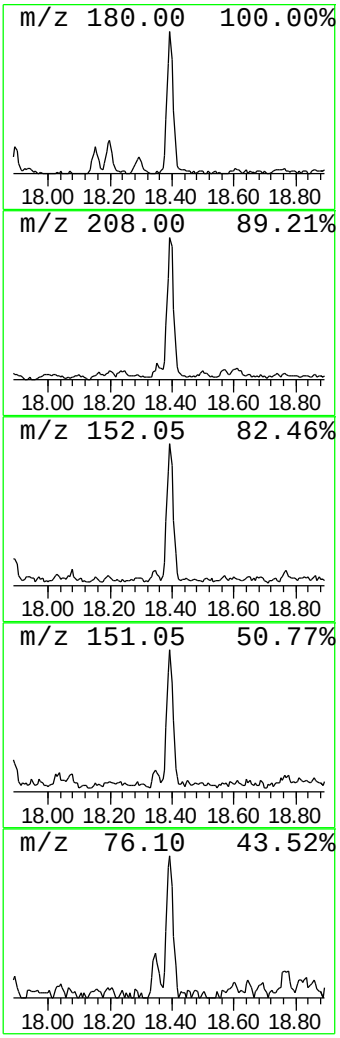
Peak Number 13 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.97 ng	114846	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	58





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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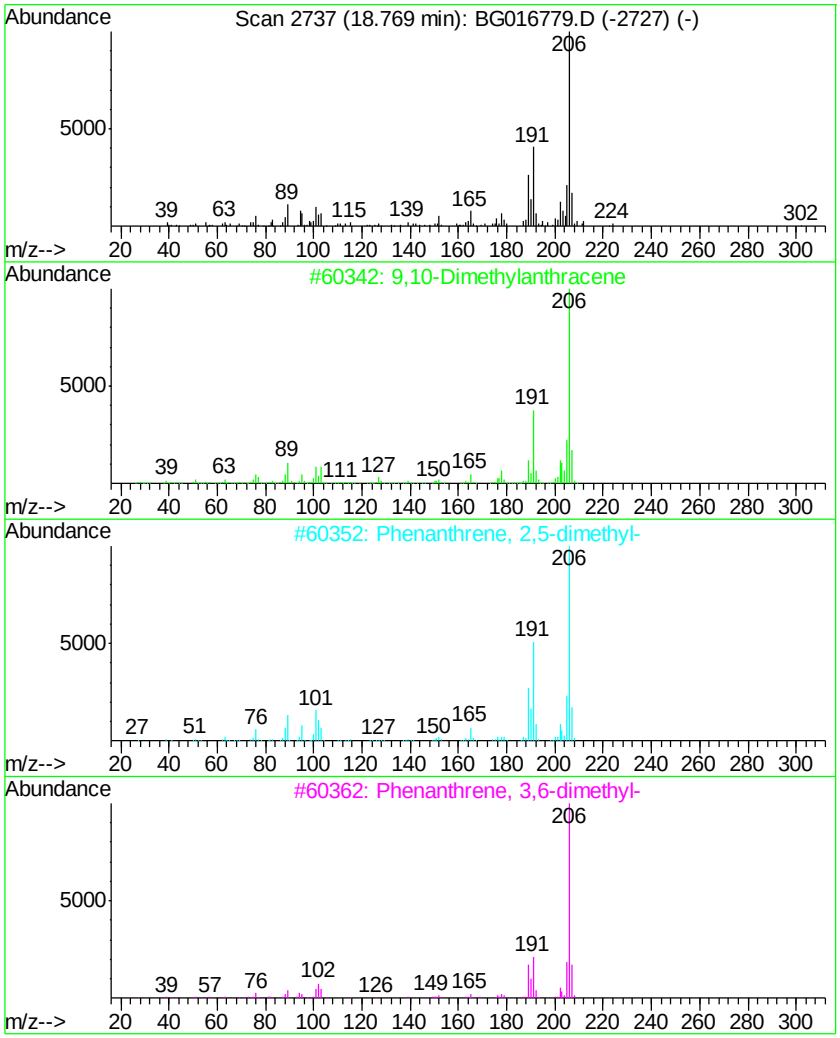
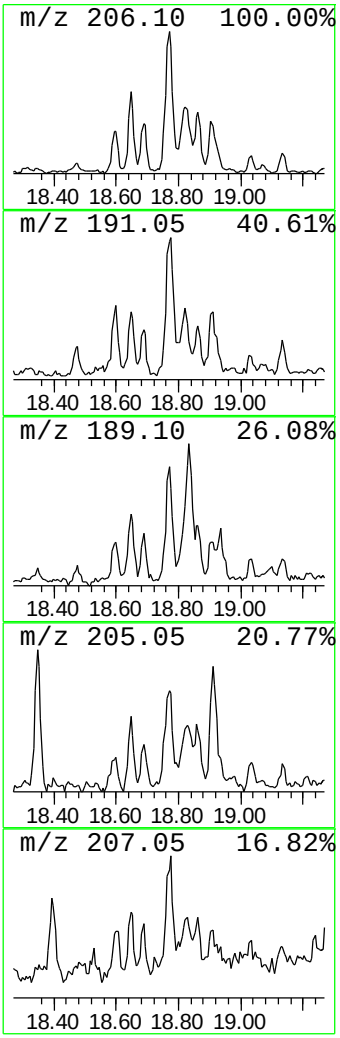
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.87 ng	149812	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94





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Acq On : 28 Apr 2015 23:40
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Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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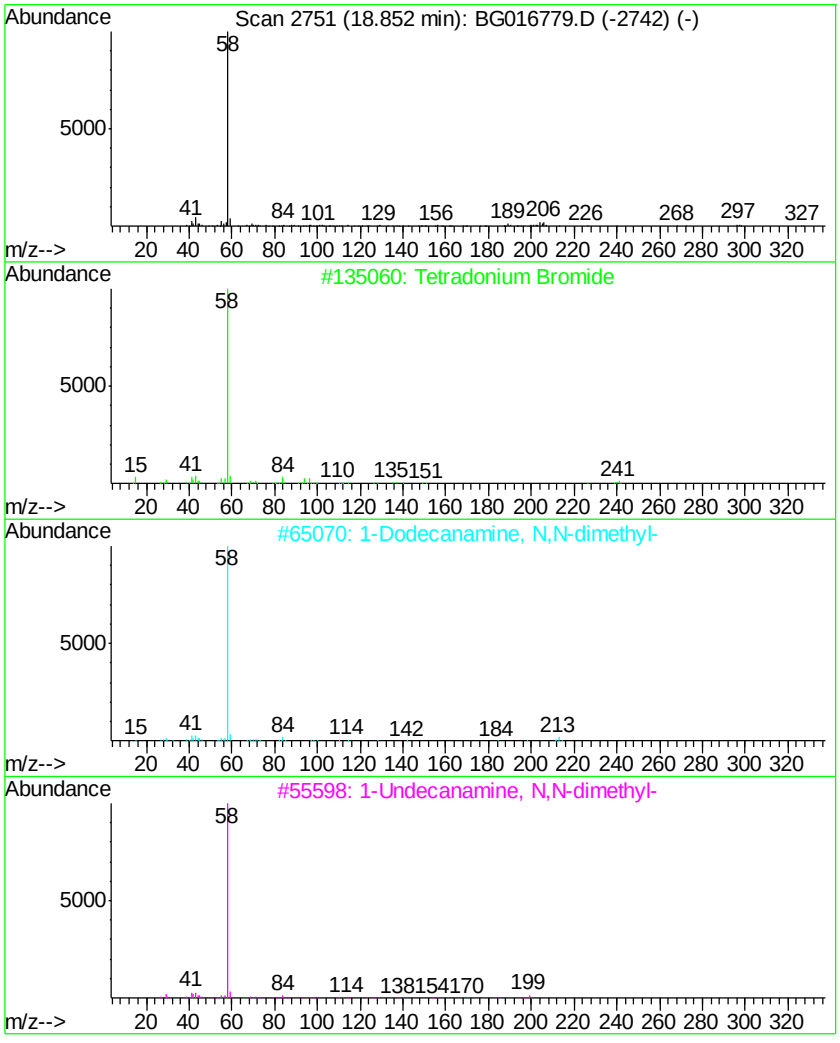
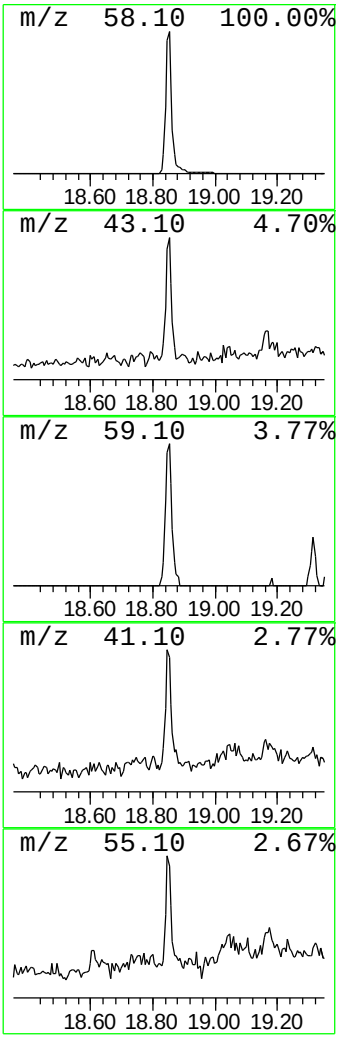
Peak Number 15 Tetradonium Bromide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	6.25 ng	241898	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradonium Bromide	335	C17H38BrN	001119-97-7	64
2	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
3	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	64
4	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	50
5	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	50





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Operator : TP/IZ
Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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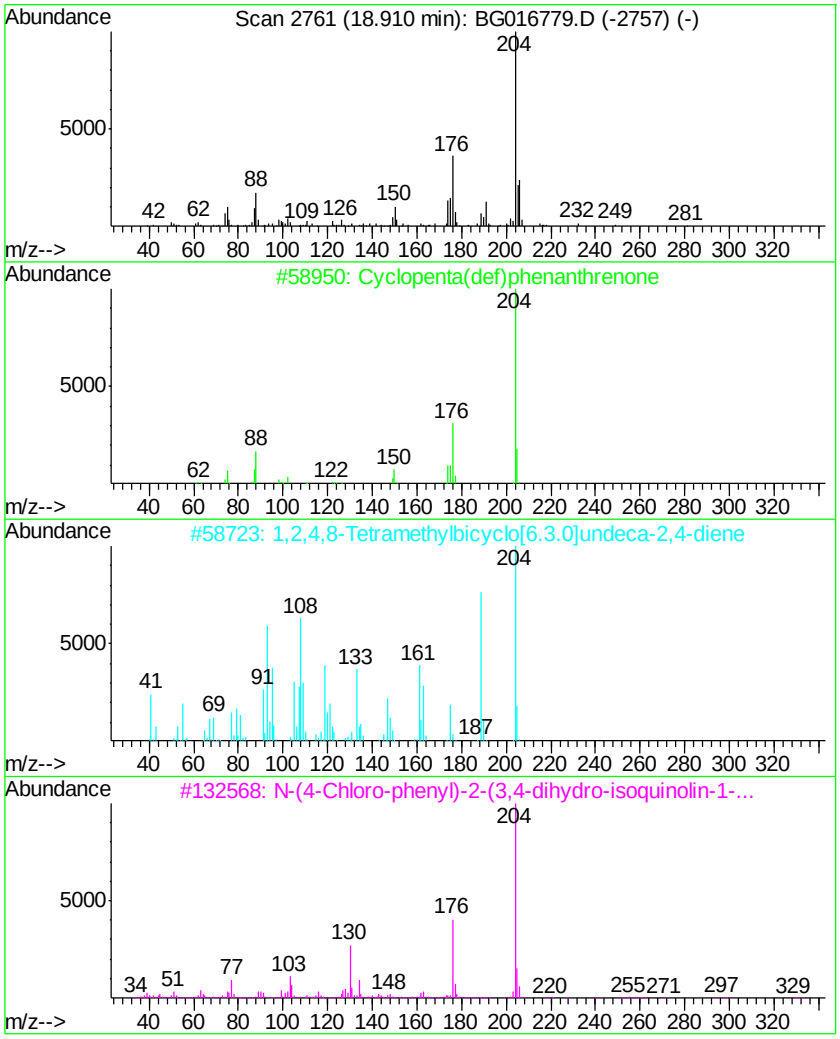
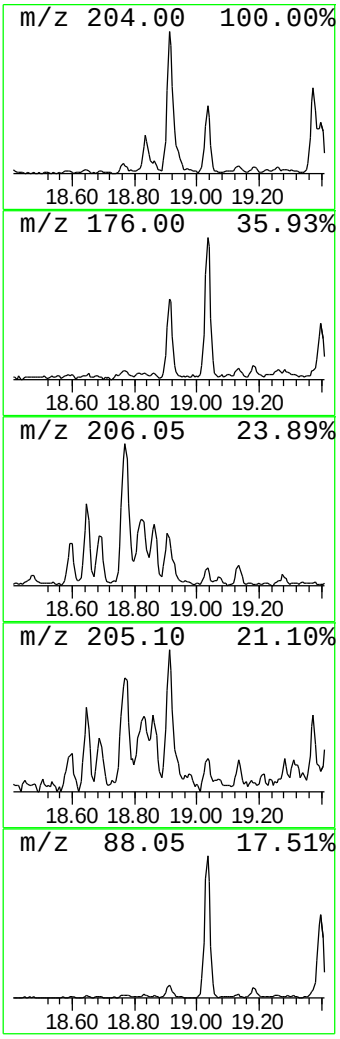
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.33 ng	128958	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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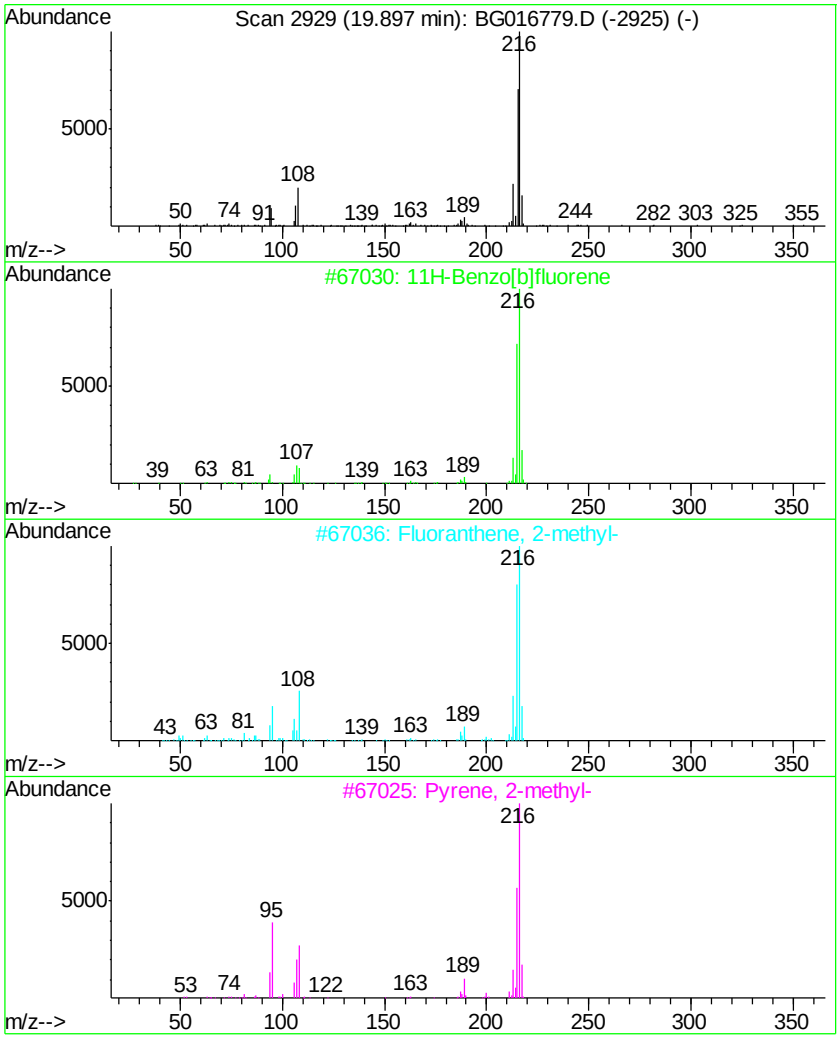
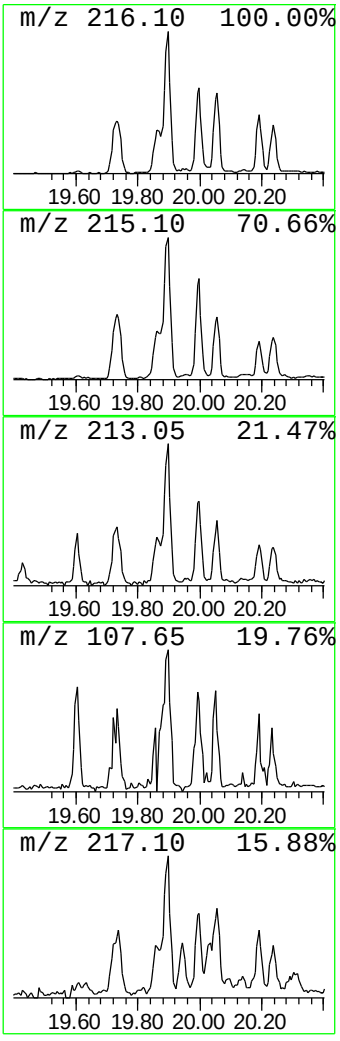
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.45 ng	221446	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : G2003-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18(40-42)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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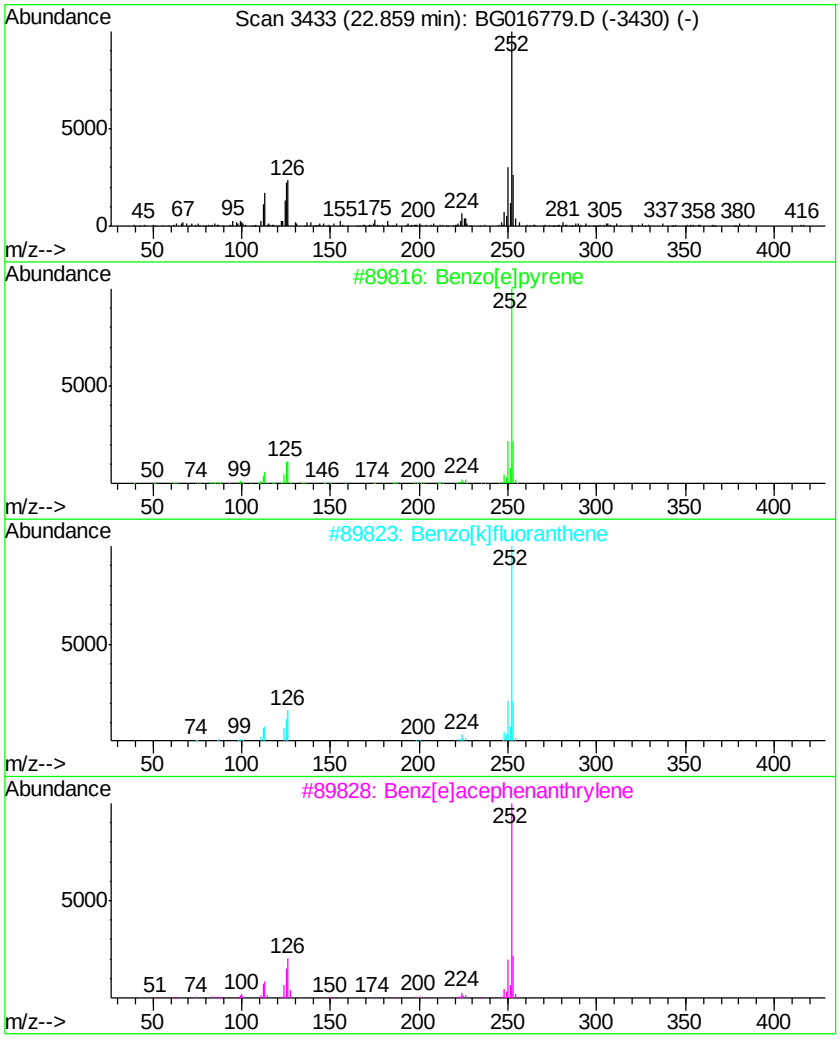
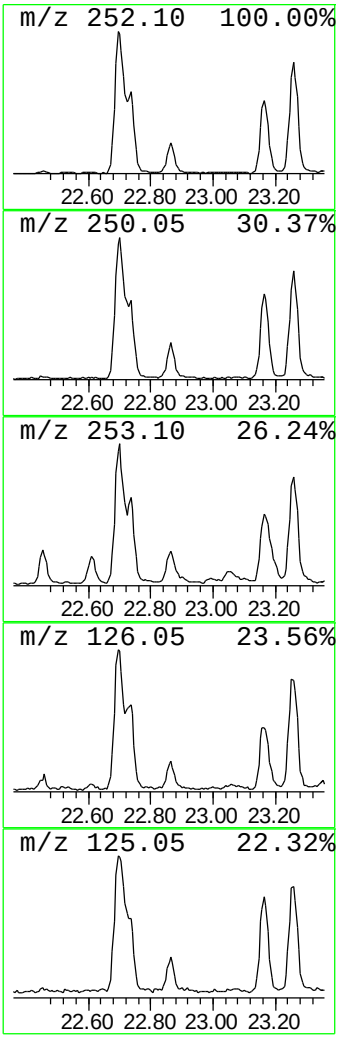
Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	3.79 ng	130995	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016779.D
Acq On : 28 Apr 2015 23:40
Operator : TP/IZ
Sample : G2003-01 2X
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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
2-Pentanone, 4-hy...	4.67	5.0	ng	96678	1	7.56	387174	20.0
unknown7.11	7.11	32.4	ng	627988	1	7.56	387174	20.0
Dibenzofuran, 4-m...	15.57	2.9	ng	105432	3	14.22	721262	20.0
9H-Fluoren-9-one	16.62	2.3	ng	88831	4	16.97	773615	20.0
Anthracene, 2-met...	17.89	8.9	ng	345049	4	16.97	773615	20.0
4H-Cyclopenta[def...	18.03	9.8	ng	379149	4	16.97	773615	20.0
Anthracene, 9-met...	18.08	3.8	ng	145779	4	16.97	773615	20.0
2-Phenylnaphthalene	18.35	3.5	ng	136064	4	16.97	773615	20.0
9,10-Anthracenedione	18.39	3.0	ng	114846	4	16.97	773615	20.0
9,10-Dimethylanth...	18.77	3.9	ng	149812	4	16.97	773615	20.0
Tetradonium Bromide	18.85	6.3	ng	241898	4	16.97	773615	20.0
Cyclopenta(def)ph...	18.91	3.3	ng	128958	4	16.97	773615	20.0
11H-Benzo[b]fluorene	19.90	2.5	ng	221446	5	21.16	1810710	20.0
Benzo[e]pyrene	22.86	3.8	ng	130995	6	23.36	691710	20.0