LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016232.D
Acq On : 08 Aug 2018 00:31
Operator : SJ/JU
Sample : J4345-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200035

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_M\METHODS\8270-BM072318.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	5.187	317	323	334	rBV	120060	193506	3.68%	0.438%
2	5.663	398	404	426	rBV	1062078	1702467	32.36%	3.851%
3	7.304	676	683	701	rBV	1247232	2004377	38.10%	4.533%
4	7.663	737	744	757	rBV	1264085	2075491	39.46%	4.694%
5	8.139	819	825	835	rBV	234838	391591	7.44%	0.886%
6	8.457	872	879	891	rBV	889658	1425563	27.10%	3.224%
7	9.322	1019	1026	1039	rBV	698458	1183036	22.49%	2.676%
8	10.951	1297	1303	1311	rBV	310484	529419	10.06%	1.197%
9	13.392	1712	1718	1725	rVB	1993078	2724440	51.79%	6.162%
10	14.227	1855	1860	1871	rVB	109191	156421	2.97%	0.354%
11	14.504	1902	1907	1911	rBV	34444	53425	1.02%	0.121%
12	14.774	1944	1953	1959	rBV2	470003	707112	13.44%	1.599%
13	14.839	1959	1964	1972	rVB	40174	65349	1.24%	0.148%
14	15.168	2012	2020	2026	rBV2	49771	79698	1.52%	0.180%
15	15.815	2124	2130	2142	rVB	97455	158749	3.02%	0.359%
16	16.104	2175	2179	2185	rVB	37915	55575	1.06%	0.126%
17	16.262	2199	2206	2217	rVB	1815709	2542778	48.34%	5.751%
18	16.815	2291	2300	2304	rBV3	35945	68255	1.30%	0.154%
19	17.174	2354	2361	2366	rBV2	37203	55727	1.06%	0.126%
20	17.327	2383	2387	2393	rVB	53480	73910	1.41%	0.167%
21	17.509	2412	2418	2421	rBV	617042	897032	17.05%	2.029%
22	17.551	2421	2425	2431	rVV	1156658	1599551	30.41%	3.618%
23	17.645	2433	2441	2451	rVV	261513	411130	7.82%	0.930%
24	17.921	2479	2488	2500	rBV3	63493	143318	2.72%	0.324%
25	18.362	2558	2563	2569	rBV2	328105	585614	11.13%	1.325%
26	18.421	2569	2573	2581	rVB	209874	316816	6.02%	0.717%
27	18.504	2582	2587	2591	rVV	83957	112277	2.13%	0.254%
28	18.574	2591	2599	2602	rBV3	210191	399001	7.59%	0.902%
29	18.604	2602	2604	2609	rVB	97768	106192	2.02%	0.240%
30	18.862	2643	2648	2654	rVB	117047	150709	2.86%	0.341%
31	18.927	2654	2659	2665	rBV	83037	114089	2.17%	0.258%
32	19.103	2682	2689	2694	rBV4	35017	67092	1.28%	0.152%
33	19.274	2713	2718	2724	rBV2	80707	144370	2.74%	0.327%
34	19.339	2724	2729	2732	rBV6	41149	76583	1.46%	0.173%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : RBR200035

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_M\METHODS\8270-BM072318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.433	2738	2745	2750	rVB3	80116	138492	2.63%	0.313%
36	19.545	2758	2764	2769	rVB	2145836	2696726	51.26%	6.099%
37	19.615	2769	2776	2786	rVB5	113142	246338	4.68%	0.557%
38	19.786	2801	2805	2814	rVB3	61691	134391	2.55%	0.304%
39	19.868	2814	2819	2821	rBV2	273508	408623	7.77%	0.924%
40	19.903	2821	2825	2832	rVV	1598583	2131498	40.52%	4.821%
41	19.968	2832	2836	2842	rVB	91527	134038	2.55%	0.303%
42	20.092	2850	2857	2862	rBV	4556235	5260391	100.00%	11.898%
43	20.150	2864	2867	2872	rVB	62521	86954	1.65%	0.197%
44	20.215	2872	2878	2885	rBV3	120639	300176	5.71%	0.679%
45	20.356	2895	2902	2904	rBV5	110591	208658	3.97%	0.472%
46	20.386	2904	2907	2913	rVB	208186	302754	5.76%	0.685%
47	20.486	2920	2924	2927	rBV	156234	194226	3.69%	0.439%
48	20.545	2927	2934	2938	rVB2	130175	248840	4.73%	0.563%
49	20.615	2943	2946	2950	rBV3	35976	53403	1.02%	0.121%
50	20.680	2953	2957	2961	rBV	81848	126905	2.41%	0.287%
51	20.727	2962	2965	2969	rBV2	73027	88273	1.68%	0.200%
52	20.815	2977	2980	2983	rBV4	37597	60697	1.15%	0.137%
53	21.133	3030	3034	3039	rBV	155340	199608	3.79%	0.451%
54	21.309	3056	3064	3070	rBV4	333358	795720	15.13%	1.800%
55	21.368	3070	3074	3079	rVV2	122957	213638	4.06%	0.483%
56	21.427	3081	3084	3092	rVB	193402	241261	4.59%	0.546%
57	21.515	3096	3099	3105	rVB2	72619	117974	2.24%	0.267%
58	21.633	3113	3119	3123	rBV3	1282607	2550046	48.48%	5.768%
59	21.674	3123	3126	3131	rVB	776909	985102	18.73%	2.228%
60	21.792	3143	3146	3150	rBV	97457	129761	2.47%	0.293%
61	21.968	3172	3176	3180	rVB3	95122	144422	2.75%	0.327%
62	22.203	3210	3216	3221	rVB2	156858	294693	5.60%	0.667%
63	23.274	3392	3398	3403	rBV	568248	1336044	25.40%	3.022%
64	23.774	3478	3483	3493	rVB	352603	710940	13.51%	1.608%
65	23.880	3495	3501	3508	rVB	467994	886136	16.85%	2.004%
66	23.980	3512	3518	3523	rBV	450924	858835	16.33%	1.943%
67	26.362	3918	3923	3932	rVB2	222499	556474	10.58%	1.259%

Sum of corrected areas: 44212700

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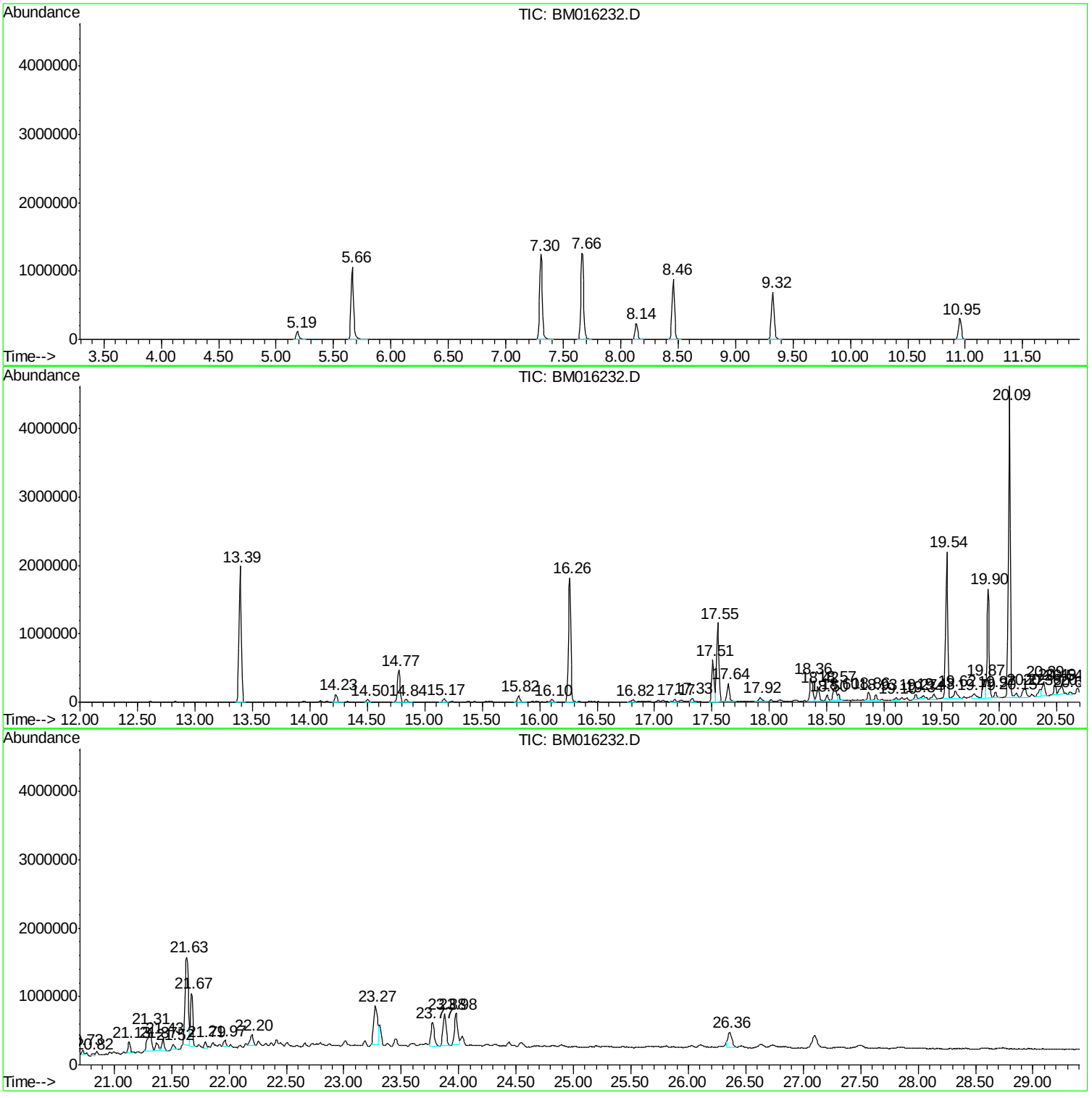
Instrument : BNA_M
ClientSampleId : RBR200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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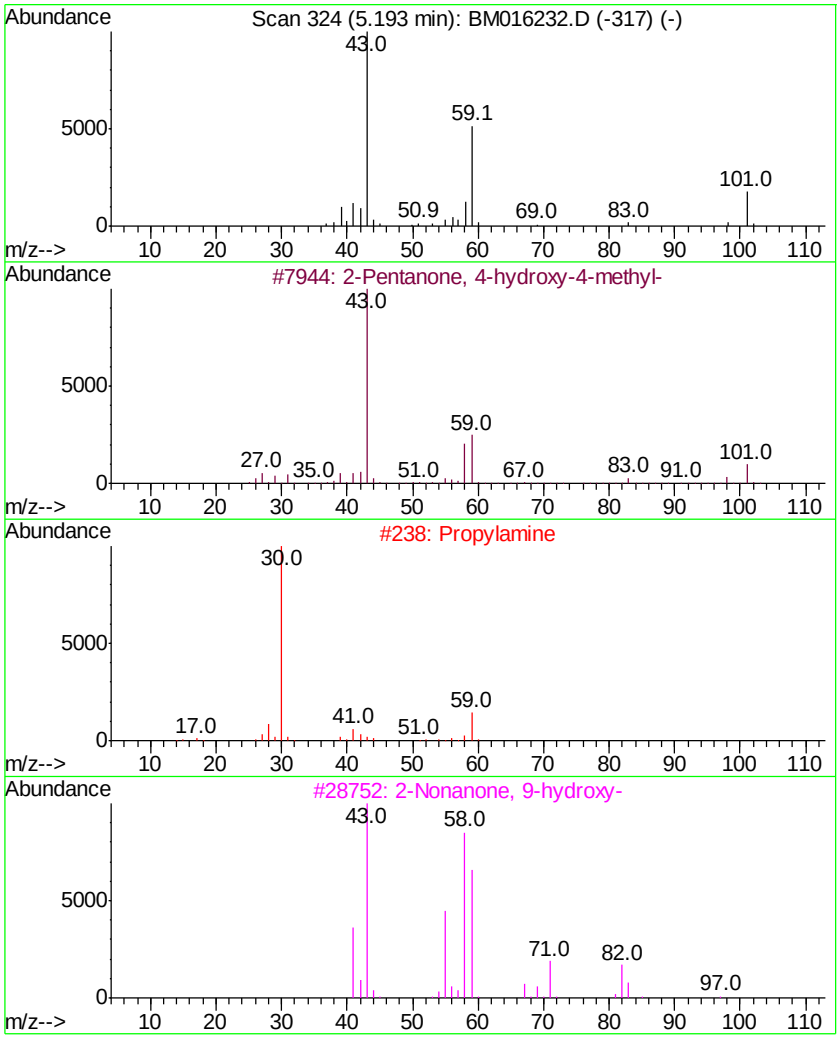
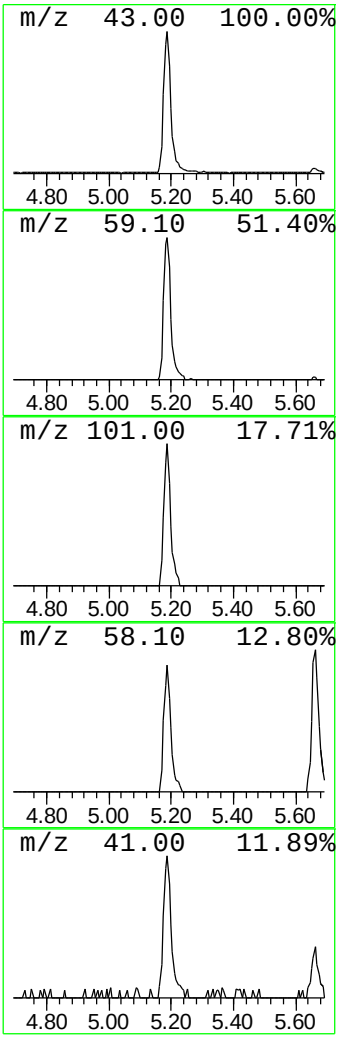
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	9.88 ng	193506	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propylamine	59	C3H9N	000107-10-8	42
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





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Sample : J4345-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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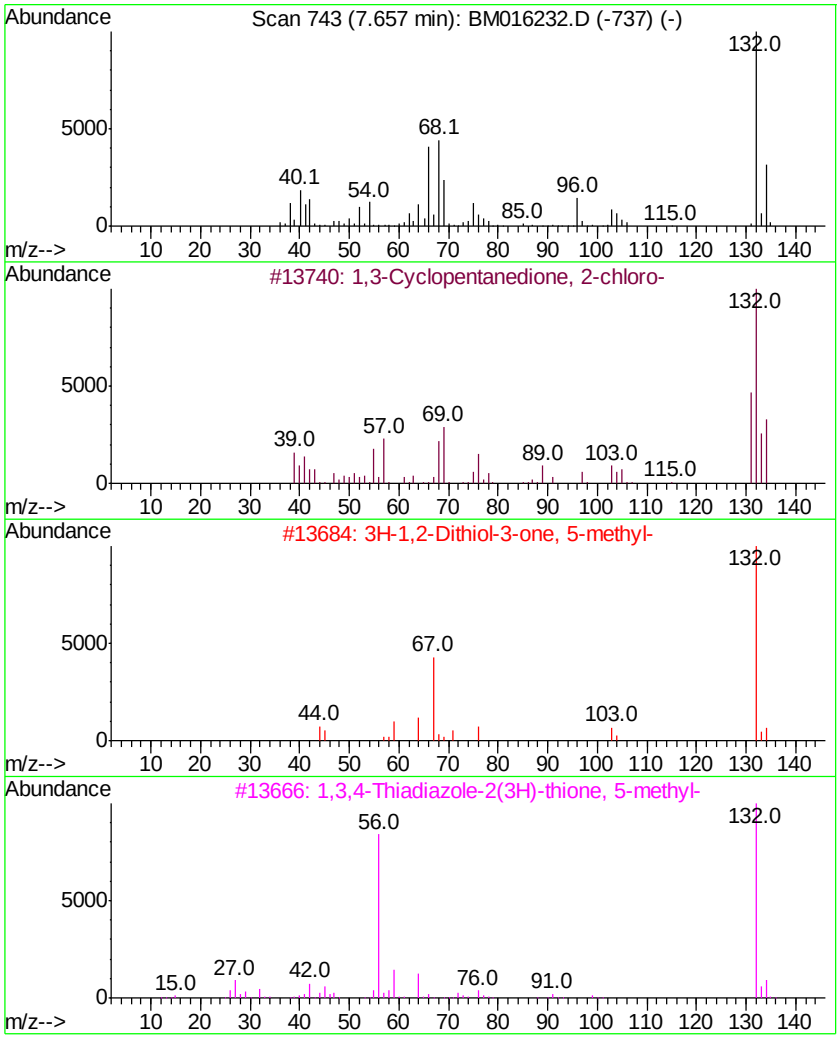
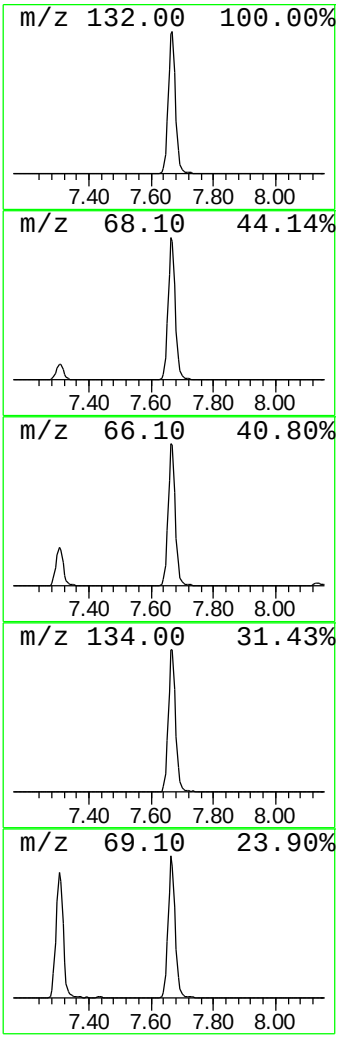
****

Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	106.00 ng	2075490	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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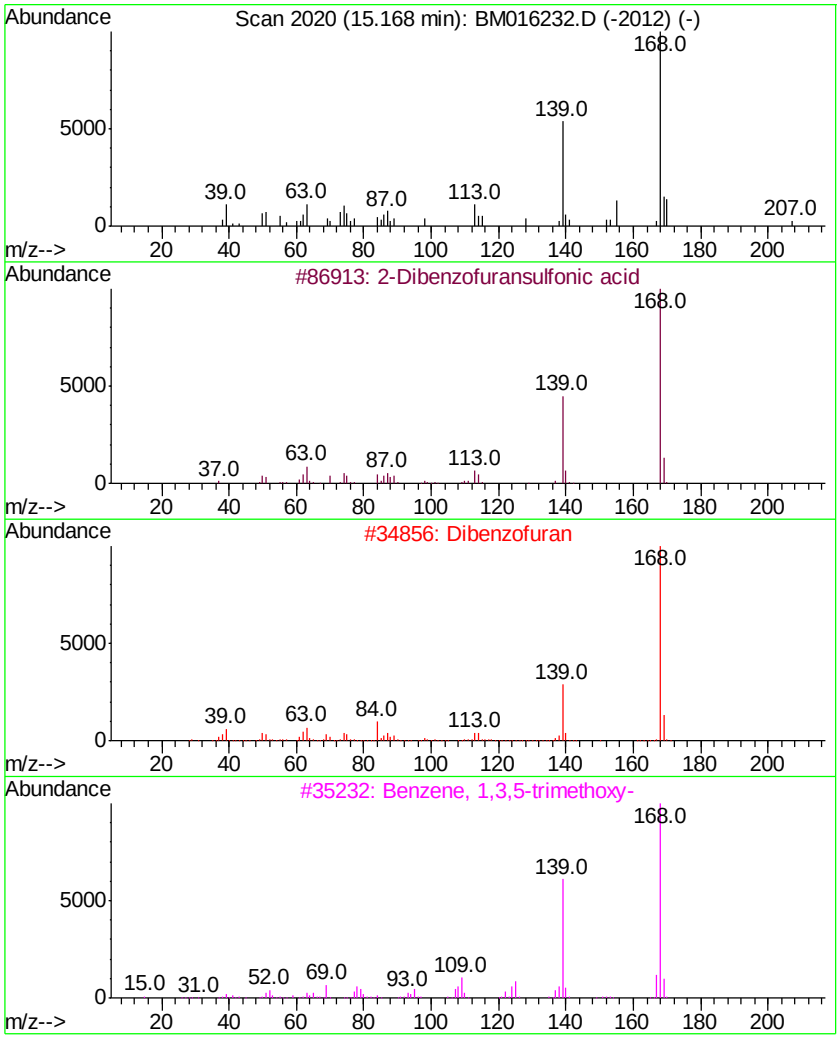
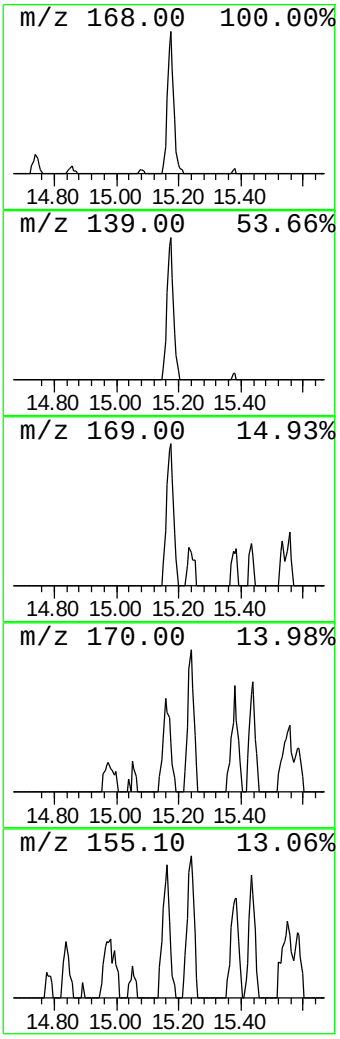
Peak Number 4 2-Dibenzofuransulfonic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.25 ng	79698	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuransulfonic acid	248	C12H8O4S	083863-63-2	80
2	Dibenzofuran	168	C12H8O	000132-64-9	58
3	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	45
4	2-Amino-6-fluorobenzothiazole	168	C7H5FN2S	000348-40-3	43
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	43





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TIC Library : C:\DATABASE\NIST02.L
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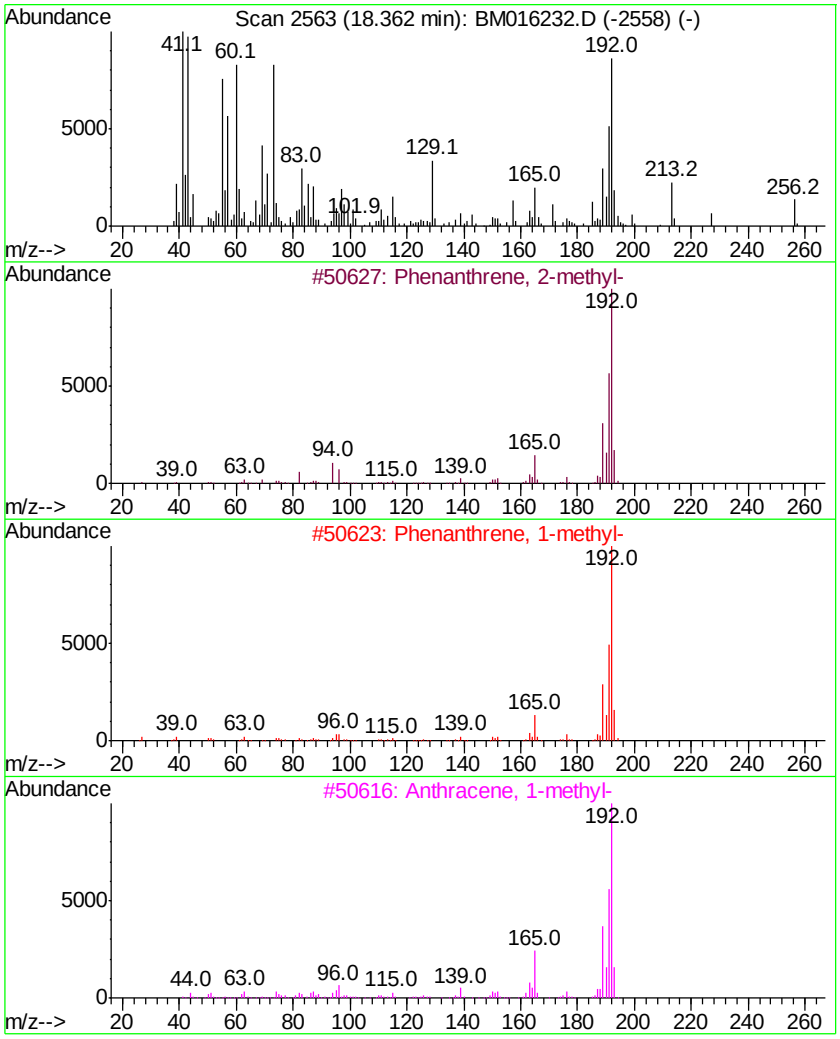
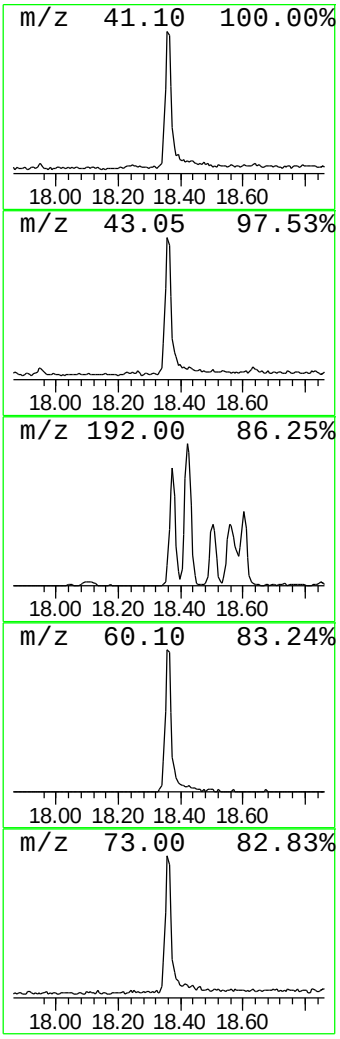
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	13.06 ng	585614	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





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Misc :
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Instrument : BNA_M
ClientSampleId : RBR200035

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

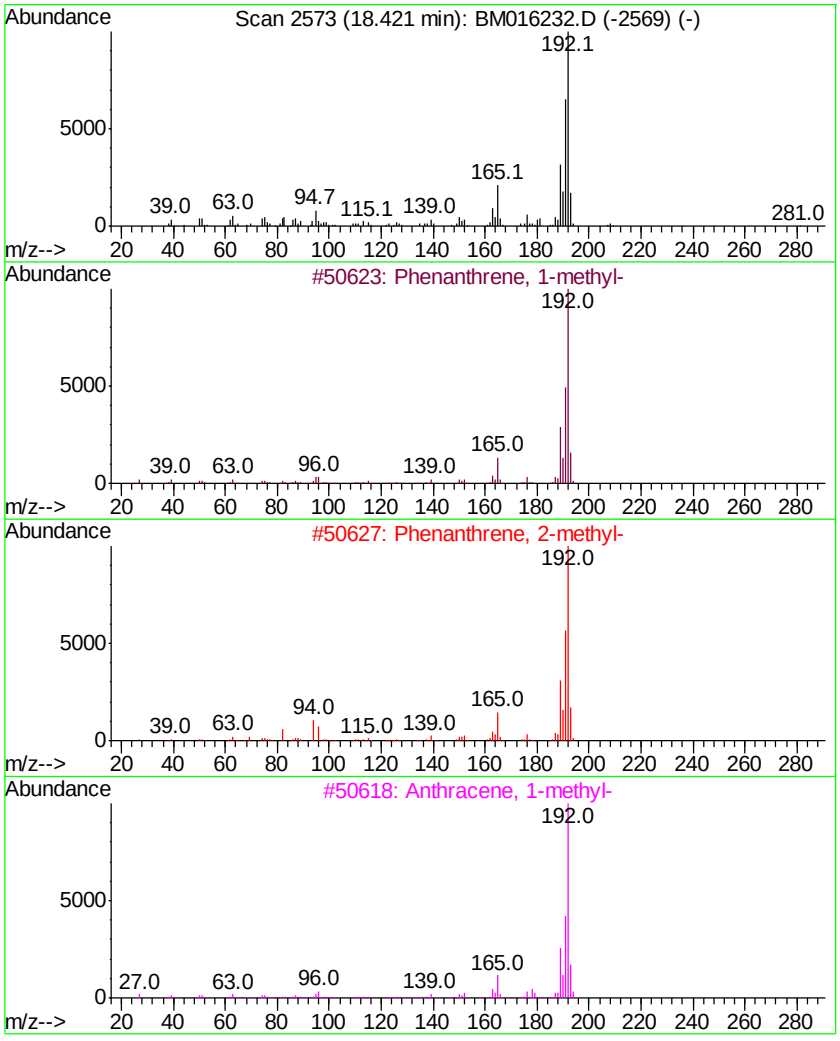
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	7.06 ng	316816	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



m/z 192.05 100.00%
m/z 191.05 65.07%
m/z 189.00 31.54%
m/z 165.05 21.12%
m/z 189.95 18.02%

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200035

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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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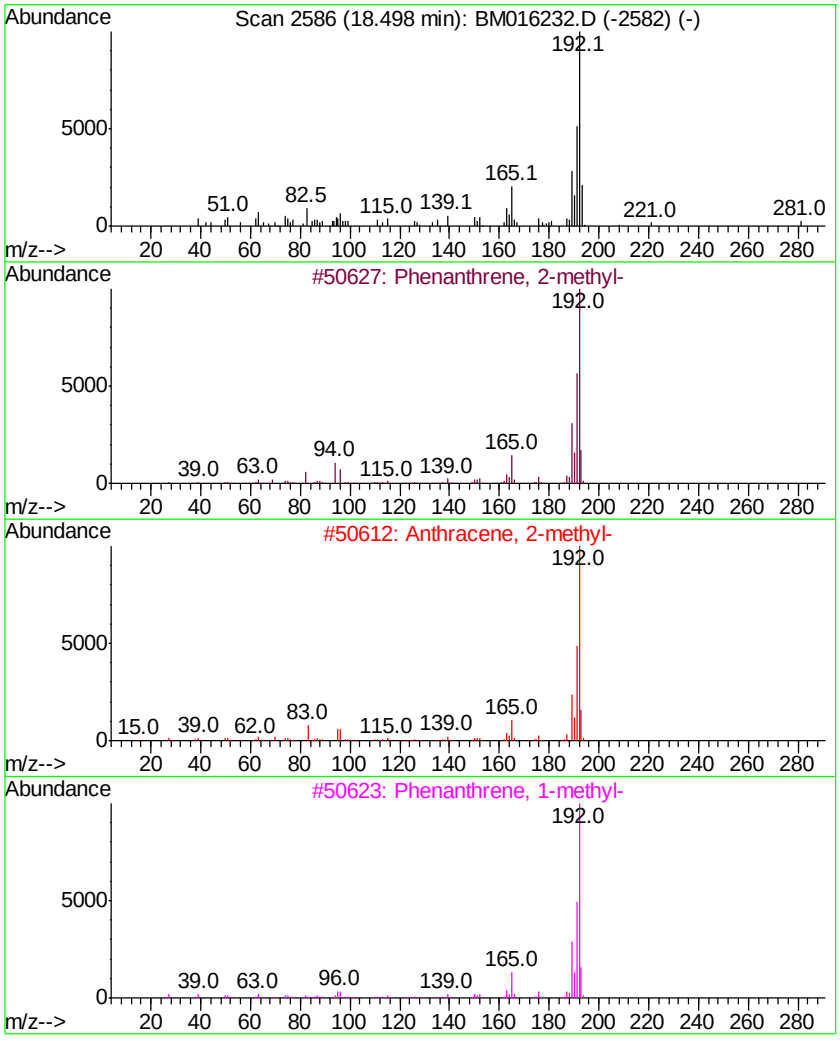
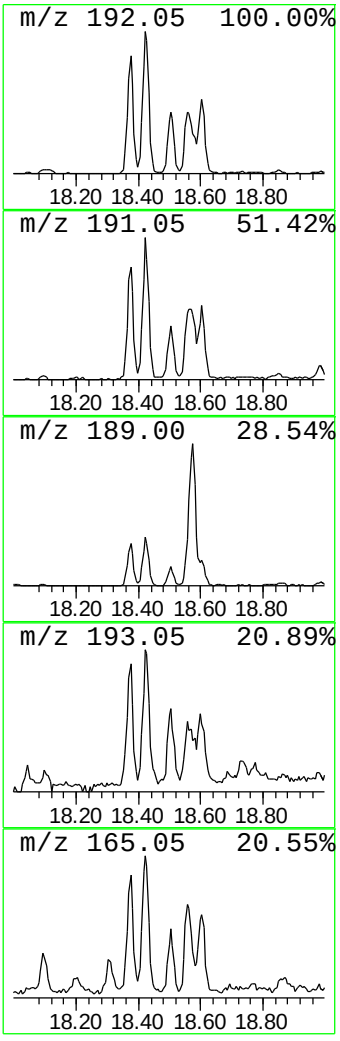
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.50 ng	112277	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Data File : BM016232.D
Acq On : 08 Aug 2018 00:31
Operator : SJ/JU
Sample : J4345-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

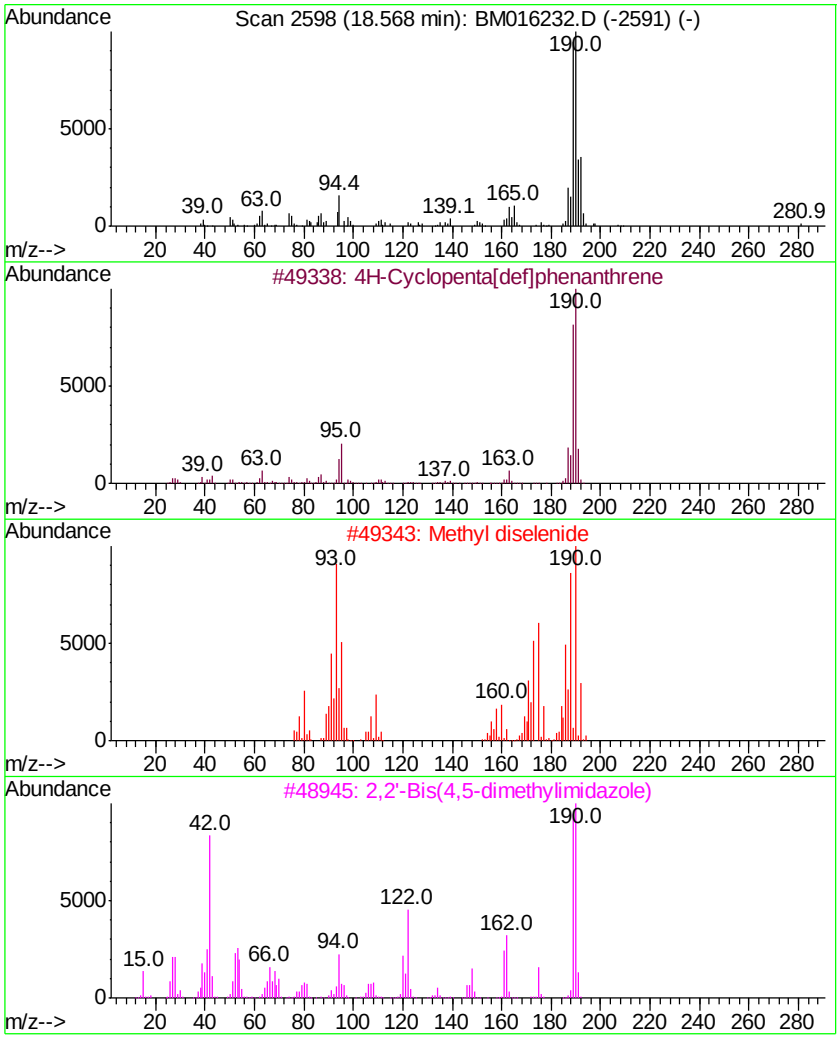
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

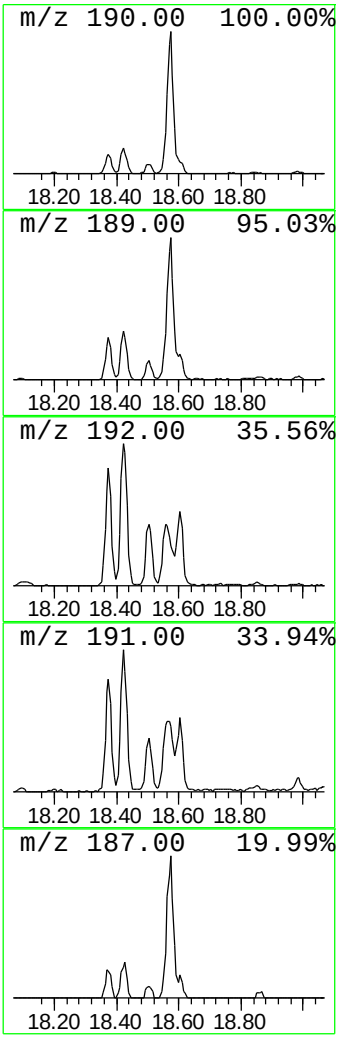
****

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	8.90 ng	399001	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
4	Phenantro[9,10-b]furazano[3,4-c]...	272	C16H8N4O	024294-86-8	16
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	14





Library Search Compound Report

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Data File : BM016232.D
Acq On : 08 Aug 2018 00:31
Operator : SJ/JU
Sample : J4345-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200035

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

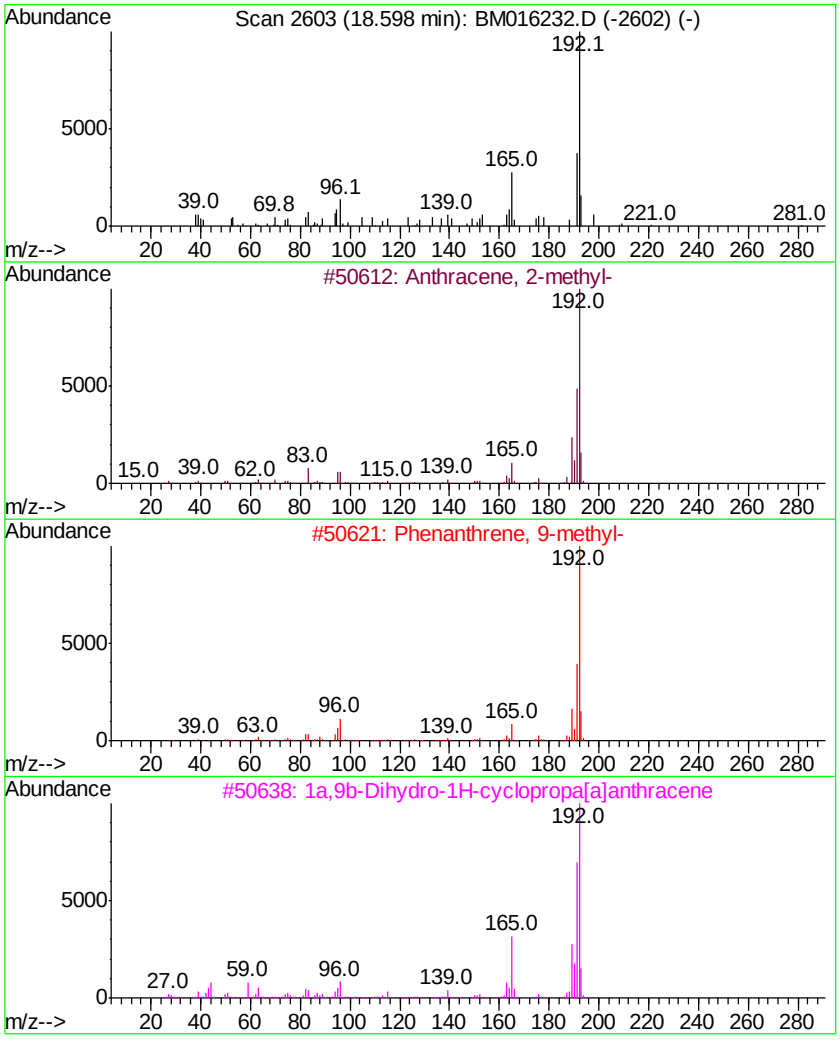
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

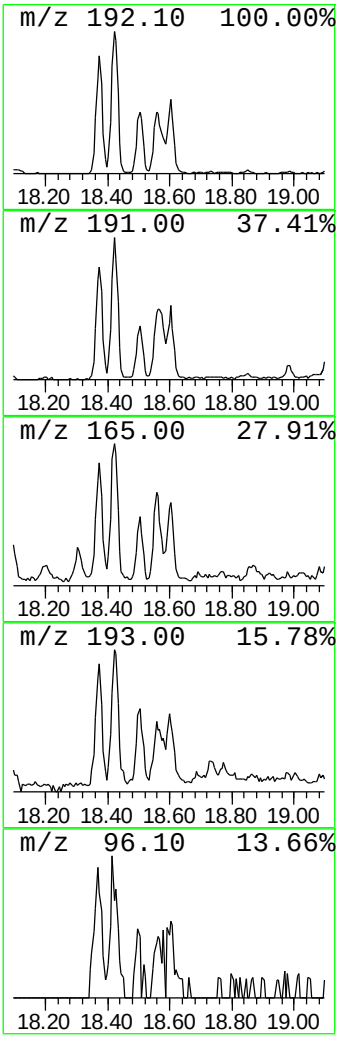
****

Peak Number 10 Phenanthrene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.37 ng	106192	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	86
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





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Misc :
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Instrument : BNA_M
ClientSampleId : RBR200035

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

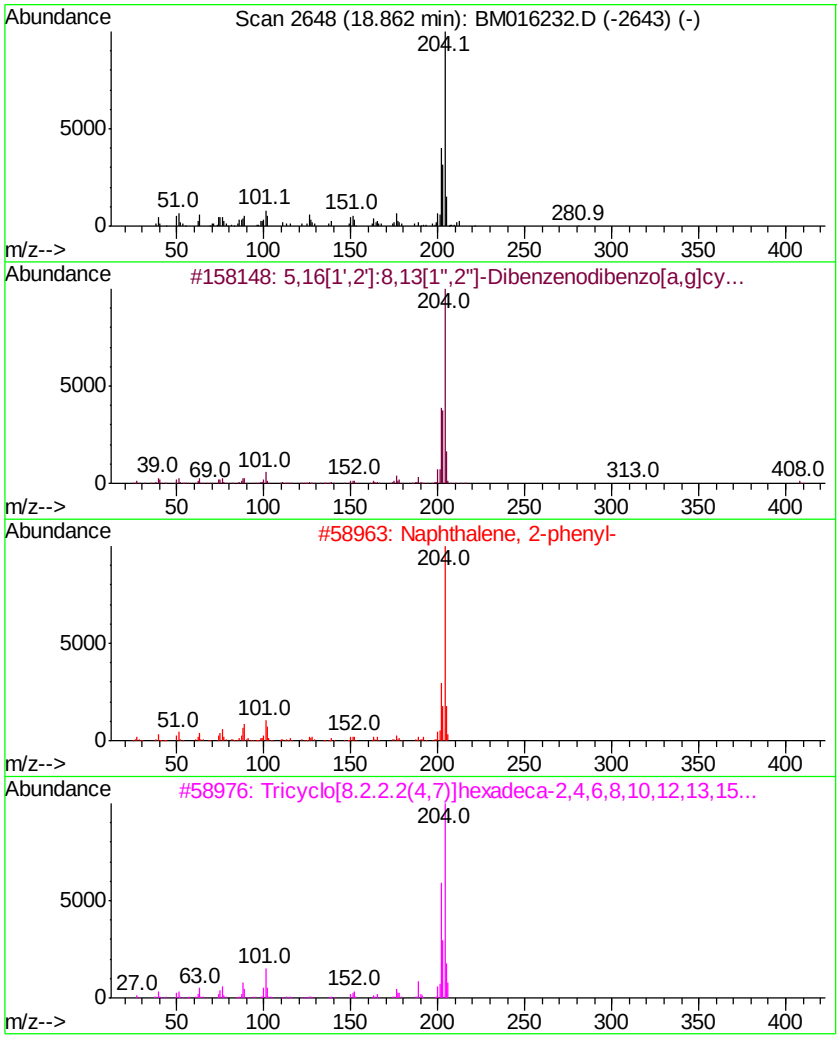
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

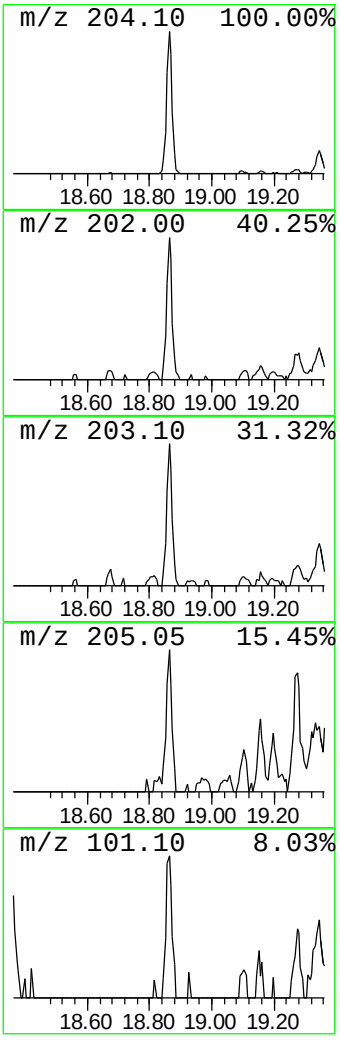
****

Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.36 ng	150709	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	64
5	Imidazo[2,1-b]thiazole, 2,3,5,6-...	204	C11H12N2S	014769-73-4	50





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ClientSampleId : RBR200035

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

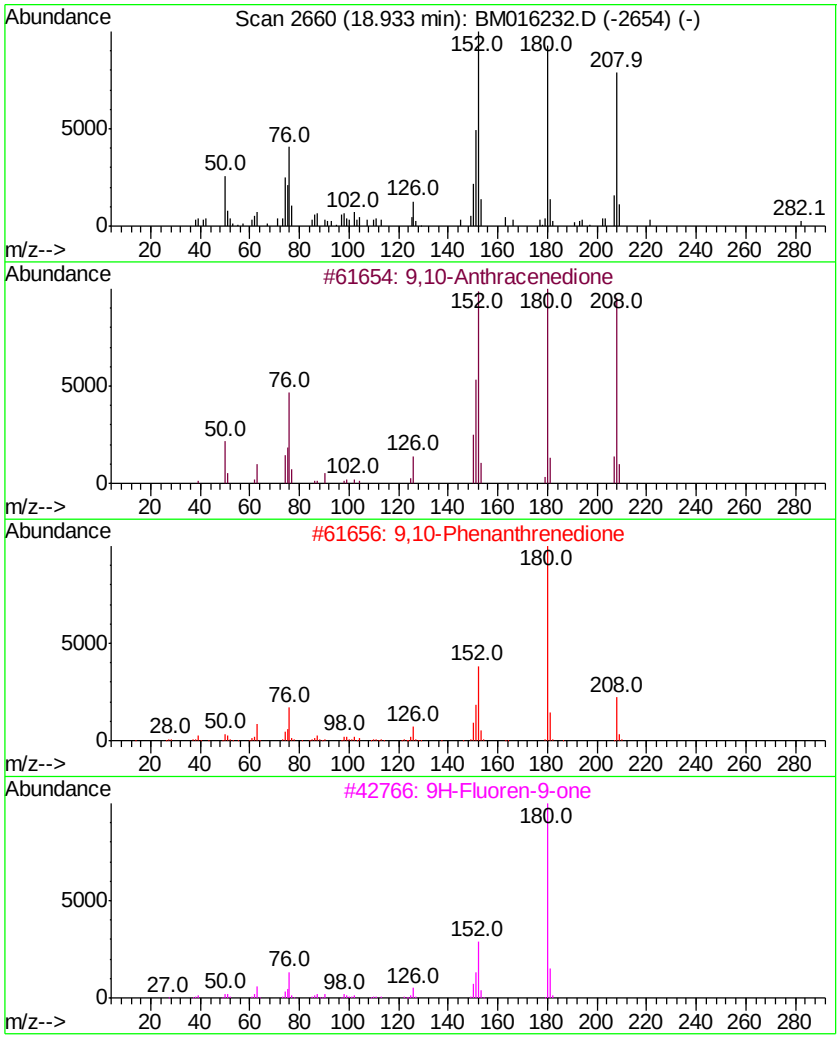
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

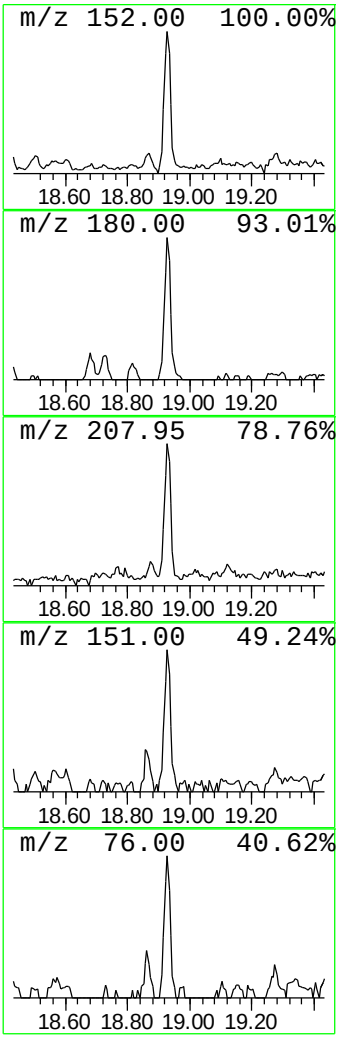
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.54 ng	114089	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	92
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





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Sample : J4345-01
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Instrument : BNA_M
ClientSampleId : RBR200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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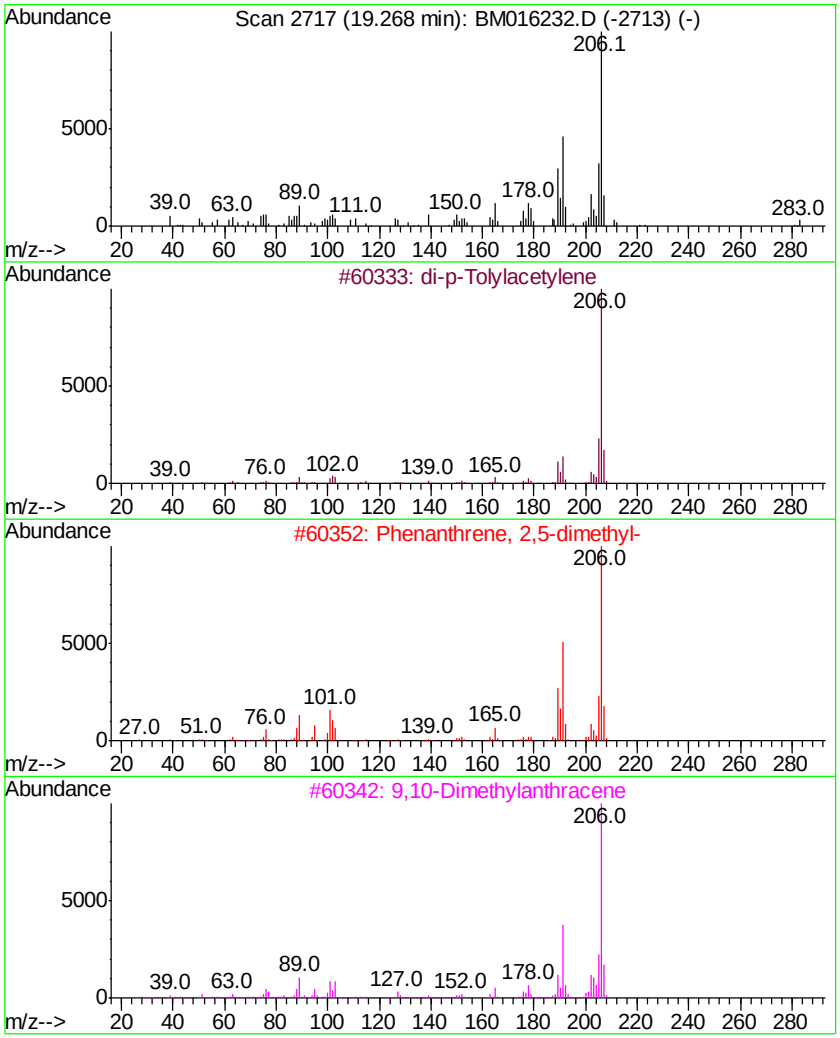
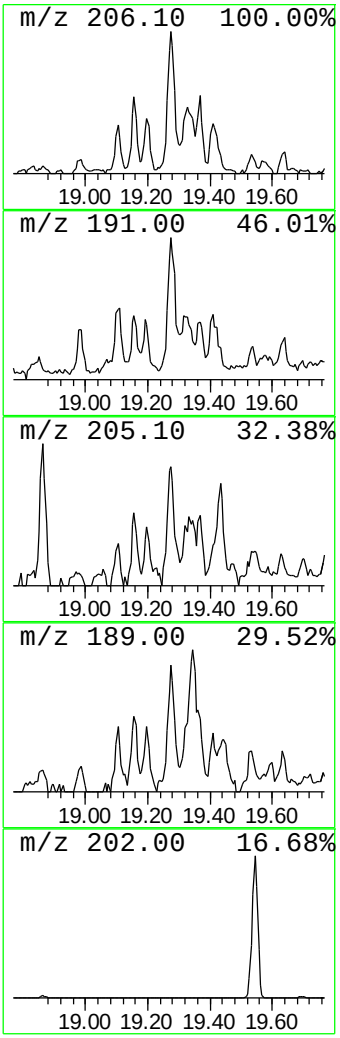
Peak Number 13 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.22 ng	144370	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90





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Misc :
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Instrument : BNA_M
ClientSampleId : RBR200035

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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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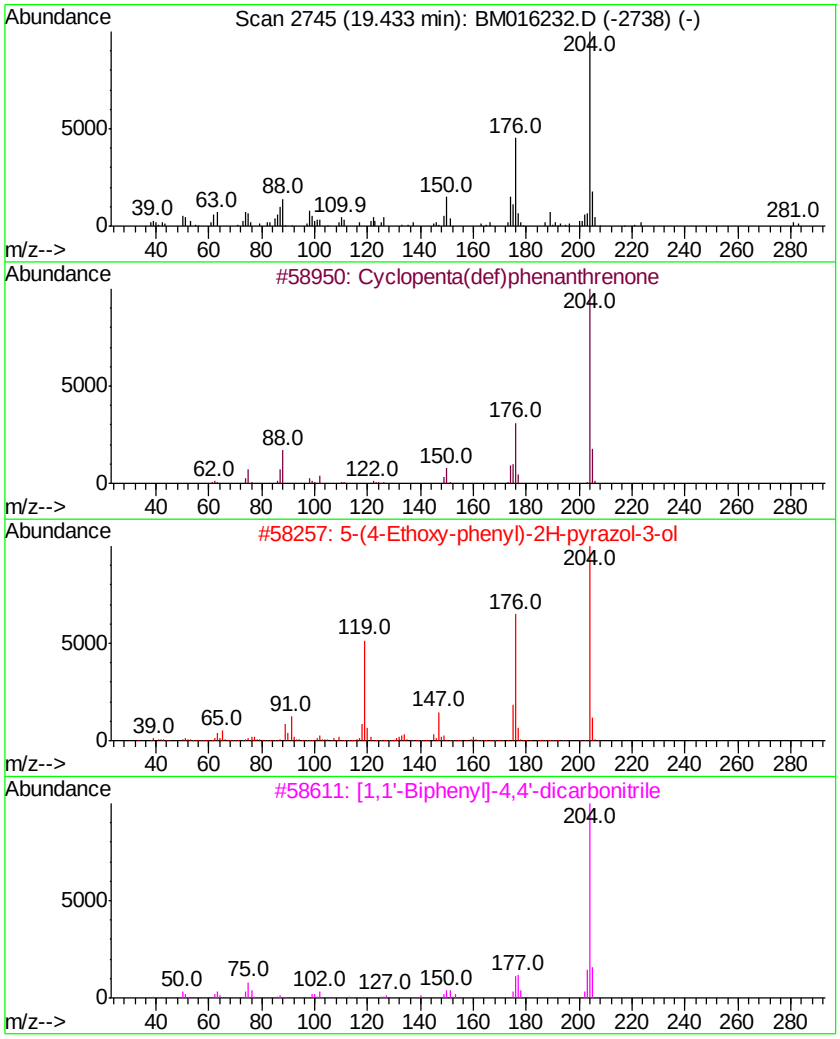
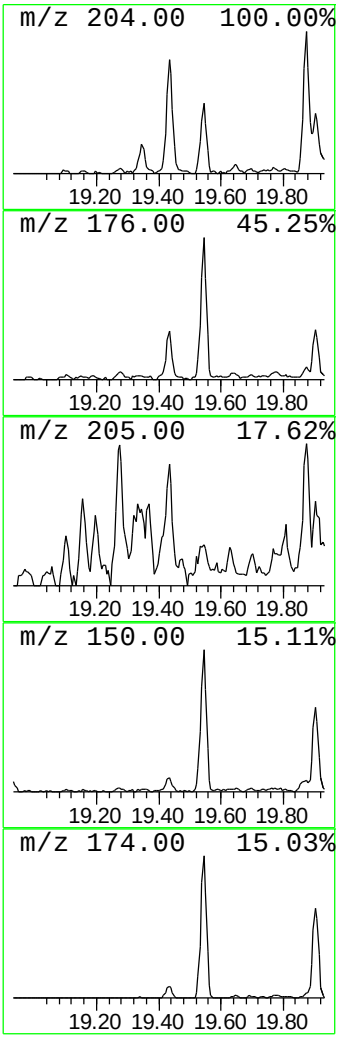
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	3.09 ng	138492	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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ClientSampleId : RBR200035

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

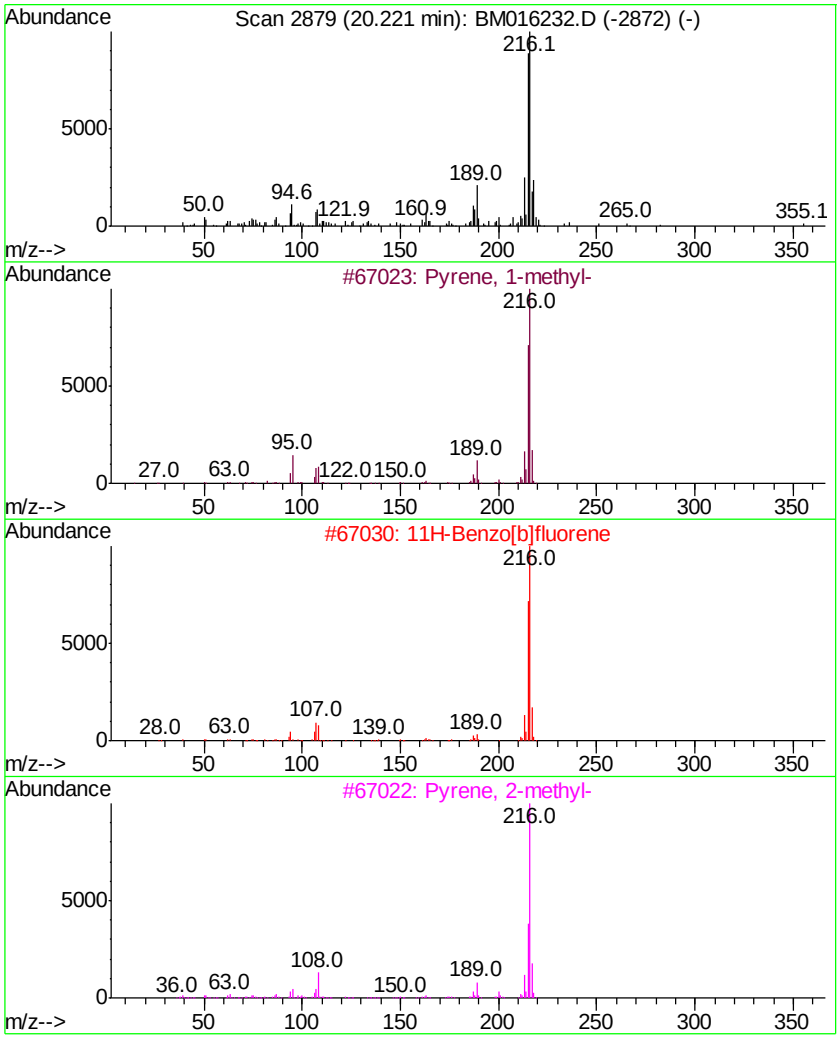
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

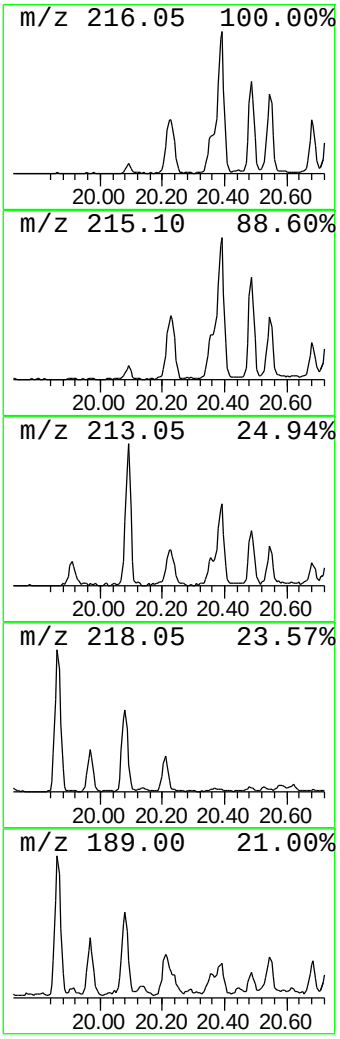
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.35 ng	300176	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Library Search Compound Report

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Acq On : 08 Aug 2018 00:31
Operator : SJ/JU
Sample : J4345-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200035

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

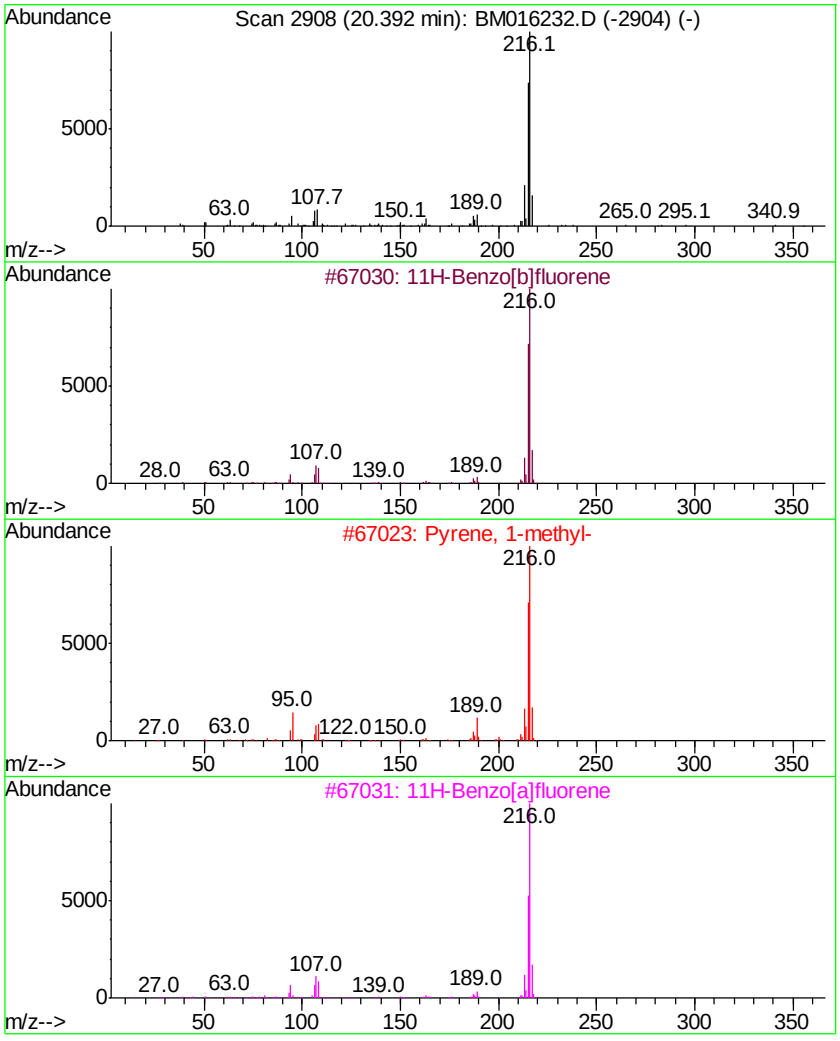
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

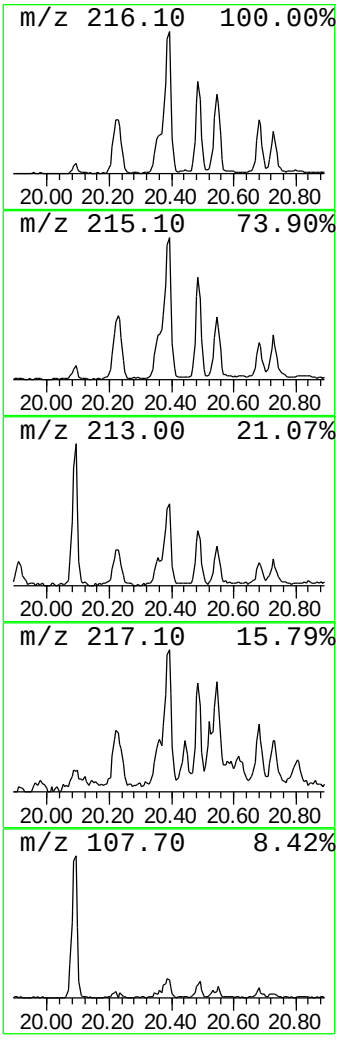
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.37 ng	302754	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Instrument : BNA_M
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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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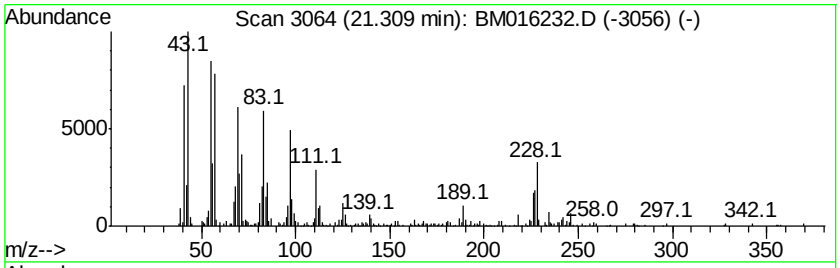
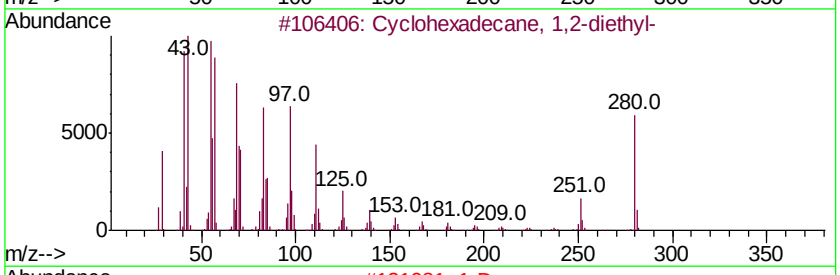
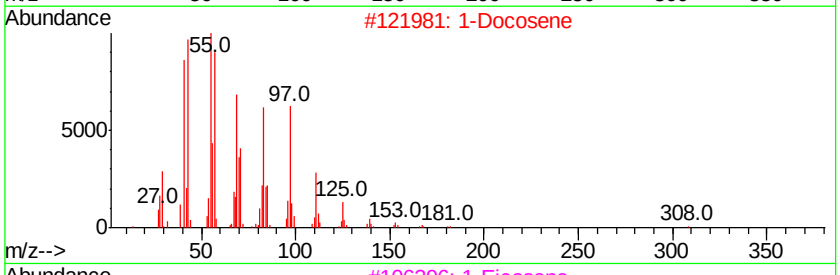
Peak Number 17 Cyclohexadecane, 1,2-diethyl- Concentration Rank 8

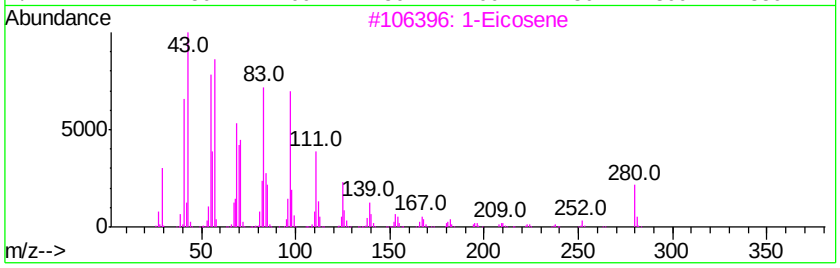
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	6.24 ng	795720	Chrysene-d12	21.64

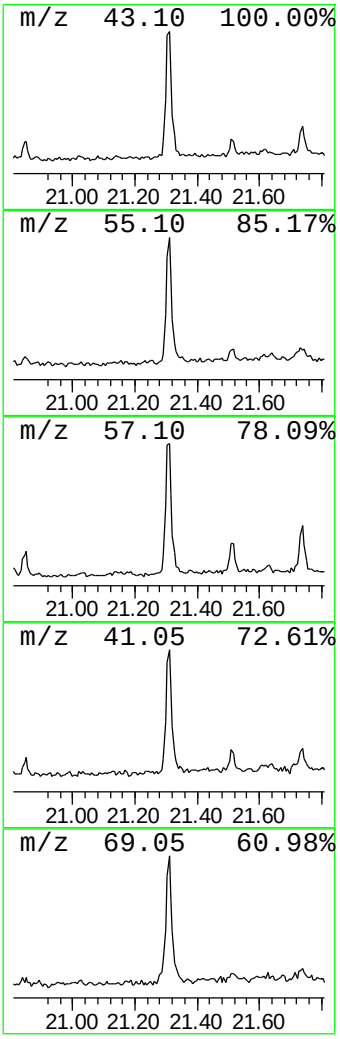
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	96
2	1-Docosene	308	C22H44	001599-67-3	91
3	1-Eicosene	280	C20H40	003452-07-1	91
4	1-Docosanethiol	342	C22H46S	007773-83-3	89
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	83











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Operator : SJ/JU
Sample : J4345-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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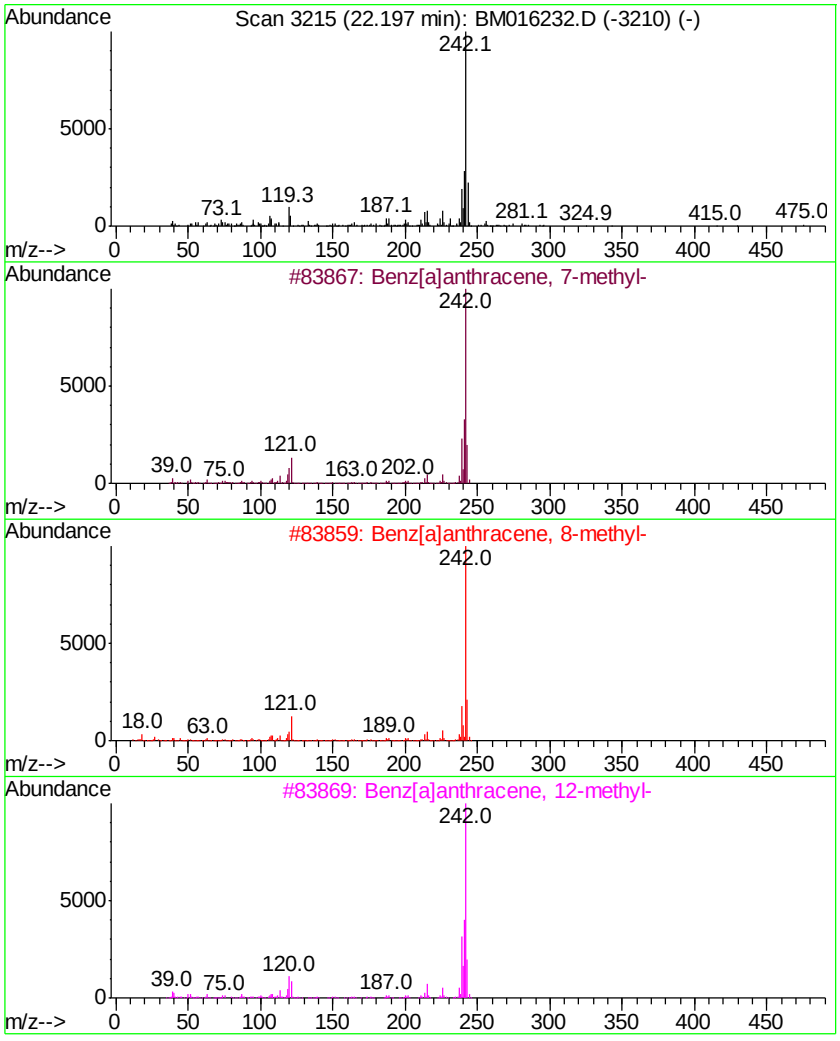
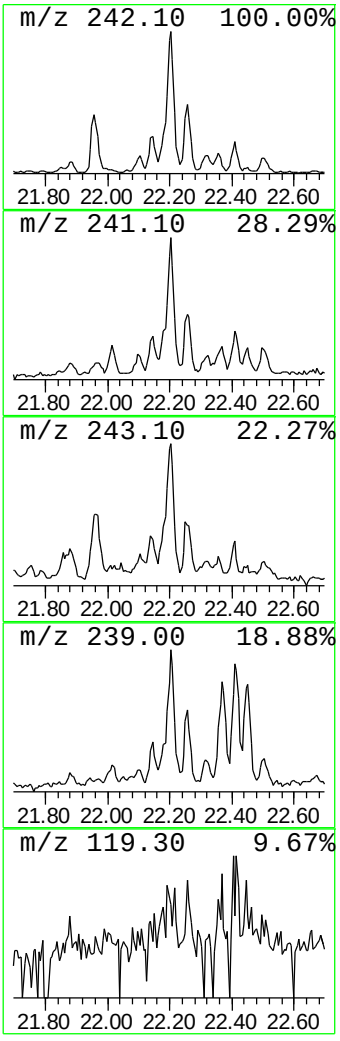
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.31 ng	294693	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
3	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	94
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93





Library Search Compound Report

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Sample : J4345-01
Misc :
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Instrument : BNA_M
ClientSampleId : RBR200035

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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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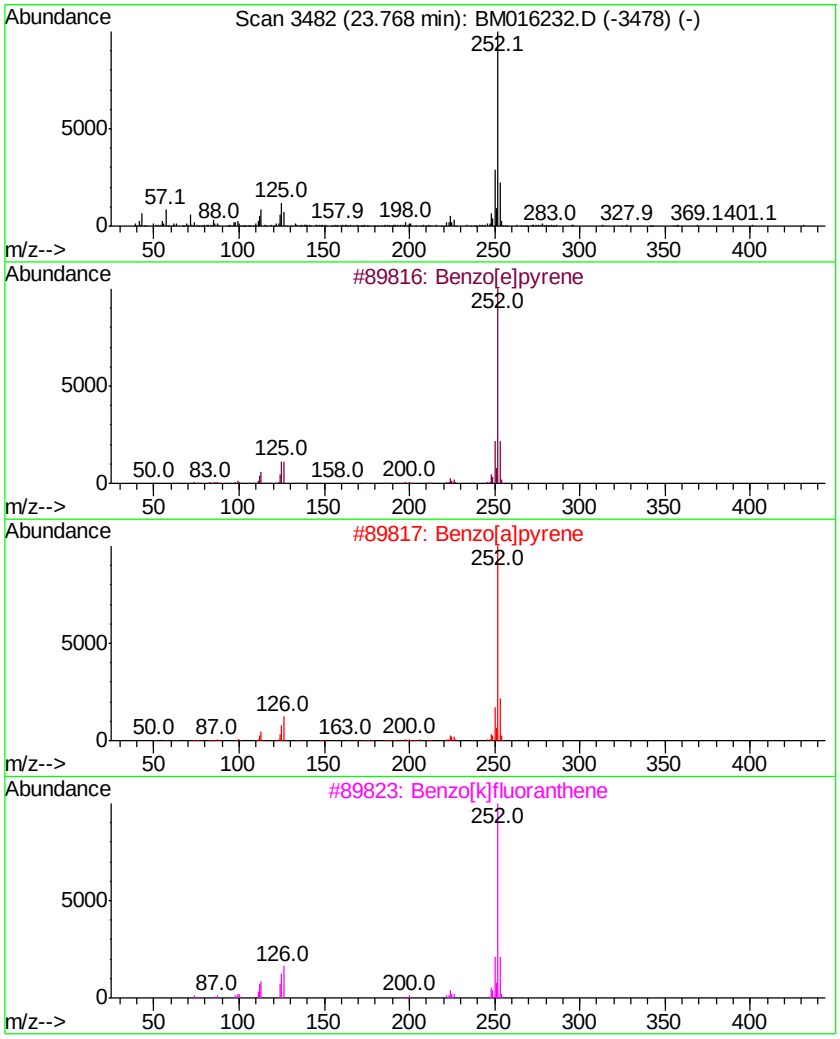
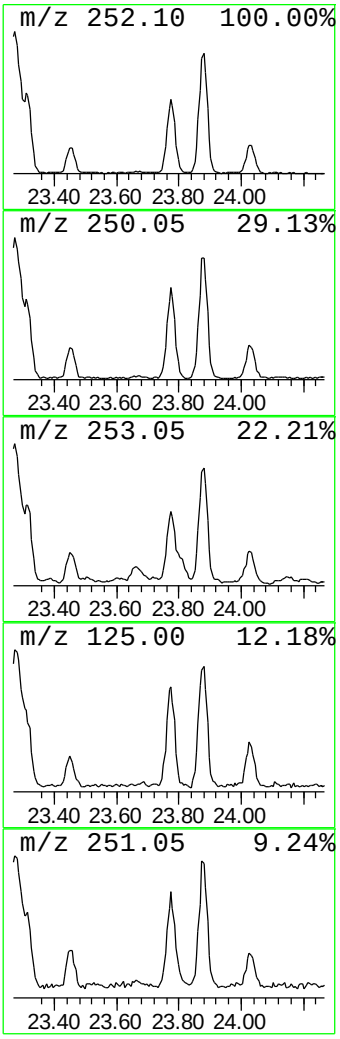
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	16.56 ng	710940	Perylene-d12	23.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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Data File : BM016232.D
Acq On : 08 Aug 2018 00:31
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Sample : J4345-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : RBR200035

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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...	5.19	9.9	ng	193506	1	8.14	391591	20.0
unknown7.66	7.66	106.0	ng	2075490	1	8.14	391591	20.0
2-Dibenzofuransul...	15.17	2.3	ng	79698	3	14.77	707112	20.0
Phenanthrene, 2-m...	18.36	13.1	ng	585614	4	17.51	897032	20.0
Phenanthrene, 1-m...	18.42	7.1	ng	316816	4	17.51	897032	20.0
Anthracene, 2-met...	18.50	2.5	ng	112277	4	17.51	897032	20.0
4H-Cyclopenta[def...	18.57	8.9	ng	399001	4	17.51	897032	20.0
Phenanthrene, 9-m...	18.60	2.4	ng	106192	4	17.51	897032	20.0
5,16[1',2']:8,13[...	18.86	3.4	ng	150709	4	17.51	897032	20.0
9,10-Anthracenedione	18.93	2.5	ng	114089	4	17.51	897032	20.0
di-p-Tolylacetylene	19.27	3.2	ng	144370	4	17.51	897032	20.0
Cyclopenta(def)ph...	19.43	3.1	ng	138492	4	17.51	897032	20.0
Pyrene, 1-methyl-	20.22	2.4	ng	300176	5	21.64	2550050	20.0
11H-Benzo[b]fluorene	20.39	2.4	ng	302754	5	21.64	2550050	20.0
Cyclohexadecane, ...	21.31	6.2	ng	795720	5	21.64	2550050	20.0
Benz[a]anthracene...	22.20	2.3	ng	294693	5	21.64	2550050	20.0
Benzo[e]pyrene	23.77	16.6	ng	710940	6	23.98	858835	20.0