LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016240.D
Acq On : 08 Aug 2018 05:20
Operator : SJ/JU
Sample : J4310-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C-4

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	5.181	317	322	330	rBV	94687	151524	5.51%	0.539%
2	5.663	398	404	420	rBV	649726	1108936	40.34%	3.942%
3	7.304	676	683	701	rBV	754382	1281681	46.62%	4.556%
4	7.663	737	744	757	rBV	838741	1359175	49.44%	4.832%
5	8.134	818	824	838	rBB	224964	371937	13.53%	1.322%
6	8.457	872	879	889	rVB	575539	921421	33.52%	3.275%
7	9.322	1019	1026	1038	rBV	438275	725584	26.39%	2.579%
8	10.951	1296	1303	1309	rBV	293075	488717	17.78%	1.737%
9	11.004	1309	1312	1317	rVB2	18703	29205	1.06%	0.104%
10	12.604	1575	1584	1591	rBV2	22779	40184	1.46%	0.143%
11	12.822	1615	1621	1627	rBB2	22346	33945	1.23%	0.121%
12	13.392	1711	1718	1724	rBV	1100839	1531704	55.72%	5.445%
13	14.092	1831	1837	1842	rBV2	24606	42106	1.53%	0.150%
14	14.145	1842	1846	1852	rVV3	17859	28035	1.02%	0.100%
15	14.222	1852	1859	1867	rVB	70185	108471	3.95%	0.386%
16	14.498	1901	1906	1910	rBV2	34344	48891	1.78%	0.174%
17	14.774	1947	1953	1959	rVB2	387096	600711	21.85%	2.135%
18	14.833	1959	1963	1969	rVB2	35400	56624	2.06%	0.201%
19	15.169	2013	2020	2025	rBV3	34103	57464	2.09%	0.204%
20	15.574	2086	2089	2094	rVB2	21693	28728	1.05%	0.102%
21	15.816	2123	2130	2140	rVB3	35005	81211	2.95%	0.289%
22	16.104	2175	2179	2185	rVB3	22975	36392	1.32%	0.129%
23	16.257	2199	2205	2212	rBV	1055848	1481329	53.88%	5.266%
24	16.445	2230	2237	2241	rBV5	30562	66042	2.40%	0.235%
25	16.810	2288	2299	2305	rBV8	17675	46099	1.68%	0.164%
26	17.033	2330	2337	2342	rBV6	19385	41935	1.53%	0.149%
27	17.174	2354	2361	2365	rBV2	38527	64547	2.35%	0.229%
28	17.221	2365	2369	2372	rBV3	22234	37234	1.35%	0.132%
29	17.327	2383	2387	2391	rBV	28120	36820	1.34%	0.131%
30	17.510	2412	2418	2421	rBV	550332	815952	29.68%	2.901%
31	17.551	2421	2425	2430	rVB	579376	797229	29.00%	2.834%
32	17.639	2435	2440	2445	rBV	126674	181078	6.59%	0.644%
33	17.821	2468	2471	2475	rVB2	26854	32181	1.17%	0.114%
34	17.915	2479	2487	2491	rBV2	67097	127270	4.63%	0.452%

LSC Area Percent Report

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

35	17.945	2491	2492	2499	rVB5	27693	34146	1.24%	0.121%
36	18.092	2512	2517	2526	rVB6	28356	62321	2.27%	0.222%
37	18.239	2530	2542	2549	rBV9	22827	62426	2.27%	0.222%
38	18.304	2549	2553	2558	rBV6	26118	42119	1.53%	0.150%
39	18.362	2558	2563	2569	rBV2	262819	482637	17.56%	1.716%
40	18.421	2569	2573	2578	rVB	160238	227271	8.27%	0.808%
41	18.504	2582	2587	2592	rBV	42238	62230	2.26%	0.221%
42	18.562	2592	2597	2601	rBV3	120881	235176	8.55%	0.836%
43	18.598	2601	2603	2607	rVB	65779	80890	2.94%	0.288%
44	18.862	2643	2648	2653	rBV	82247	122336	4.45%	0.435%
45	18.921	2653	2658	2665	rVB	77432	117868	4.29%	0.419%
46	19.104	2686	2689	2694	rVB	30551	38457	1.40%	0.137%
47	19.156	2694	2698	2701	rVB	32999	37586	1.37%	0.134%
48	19.198	2701	2705	2711	rVB2	37278	49749	1.81%	0.177%
49	19.274	2711	2718	2722	rBV2	102180	193215	7.03%	0.687%
50	19.333	2722	2728	2731	rVV5	42816	98799	3.59%	0.351%
51	19.362	2731	2733	2737	rVB	39815	46391	1.69%	0.165%
52	19.433	2737	2745	2749	rBV2	59586	126505	4.60%	0.450%
53	19.545	2754	2764	2769	rVV	1006972	1472346	53.56%	5.234%
54	19.592	2769	2772	2773	rVV	26350	27670	1.01%	0.098%
55	19.615	2773	2776	2785	rVB4	82581	154851	5.63%	0.550%
56	19.692	2786	2789	2792	rBV	22465	27817	1.01%	0.099%
57	19.868	2815	2819	2821	rBV2	148601	228034	8.29%	0.811%
58	19.903	2821	2825	2832	rVV	887276	1177920	42.85%	4.187%
59	19.968	2832	2836	2840	rVB	74760	104842	3.81%	0.373%
60	20.086	2851	2856	2861	rBV	2399275	2749058	100.00%	9.772%
61	20.227	2872	2880	2886	rBV6	83886	219581	7.99%	0.781%
62	20.286	2886	2890	2895	rBV5	36828	69851	2.54%	0.248%
63	20.356	2896	2902	2904	rVV5	106639	186885	6.80%	0.664%
64	20.386	2905	2907	2912	rVB	116620	143795	5.23%	0.511%
65	20.486	2920	2924	2927	rBV	83730	104609	3.81%	0.372%
66	20.545	2928	2934	2937	rVB2	80515	154013	5.60%	0.547%
67	20.680	2954	2957	2961	rBV	85495	108062	3.93%	0.384%
68	20.727	2962	2965	2968	rVB2	54158	62215	2.26%	0.221%
69	21.127	3029	3033	3039	rBV	133146	210297	7.65%	0.748%
70	21.309	3057	3064	3070	rBV4	182921	473291	17.22%	1.682%
71	21.368	3071	3074	3078	rVV2	81101	124571	4.53%	0.443%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : C-4

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

72	21.427	3081	3084	3088	rVB	110115	134165	4.88%	0.477%
73	21.633	3113	3119	3123	rBV2	919373	1725202	62.76%	6.133%
74	21.674	3123	3126	3131	rVB	495801	586717	21.34%	2.086%
75	22.903	3332	3335	3340	rVB2	122646	164292	5.98%	0.584%
76	23.268	3389	3397	3403	rBV2	381645	1083591	39.42%	3.852%
77	23.774	3478	3483	3493	rVB	255798	503858	18.33%	1.791%
78	23.880	3495	3501	3509	rVB	273922	516810	18.80%	1.837%
79	23.980	3512	3518	3523	rBV	342621	636557	23.16%	2.263%

Sum of corrected areas: 28131384

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
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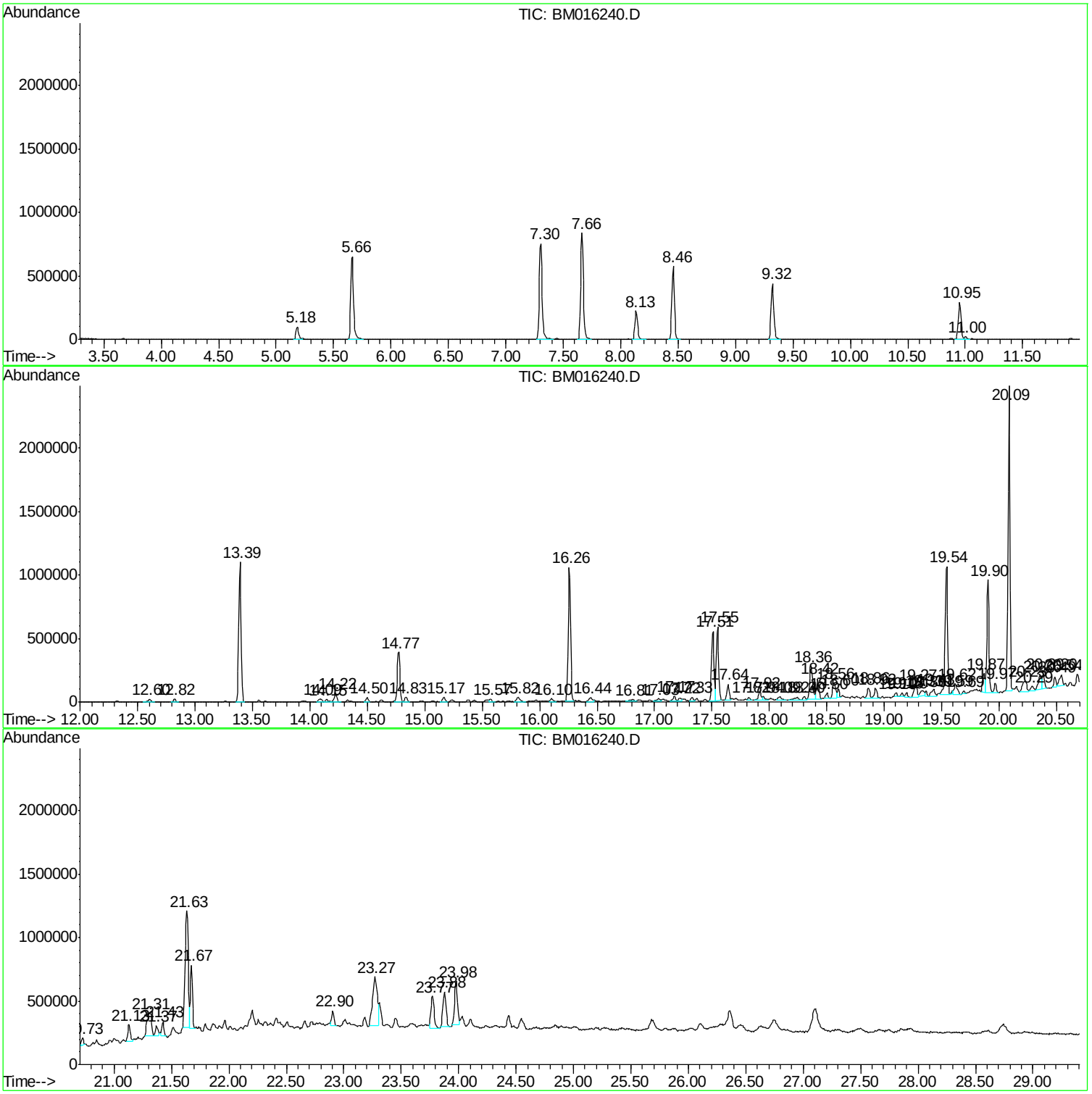
Sample : J4310-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C-4

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
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Operator : SJ/JU
Sample : J4310-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C-4

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

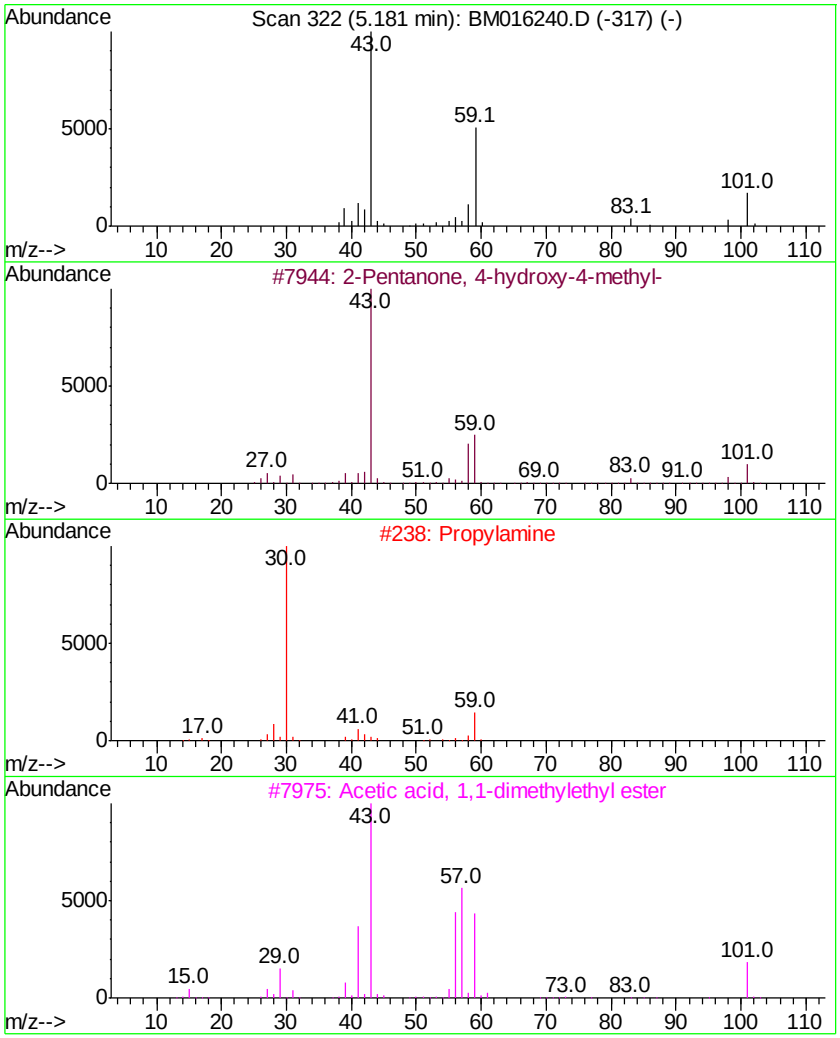
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

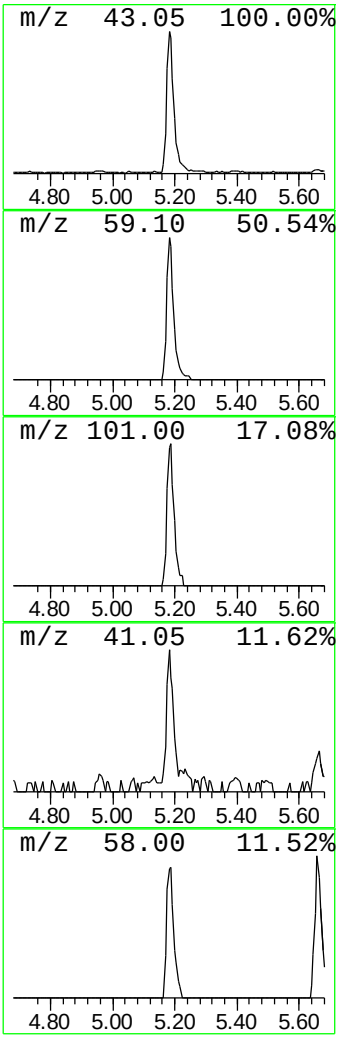
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	8.15 ng	151524	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	50
2	Propylamine	59	C3H9N	000107-10-8	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C-4

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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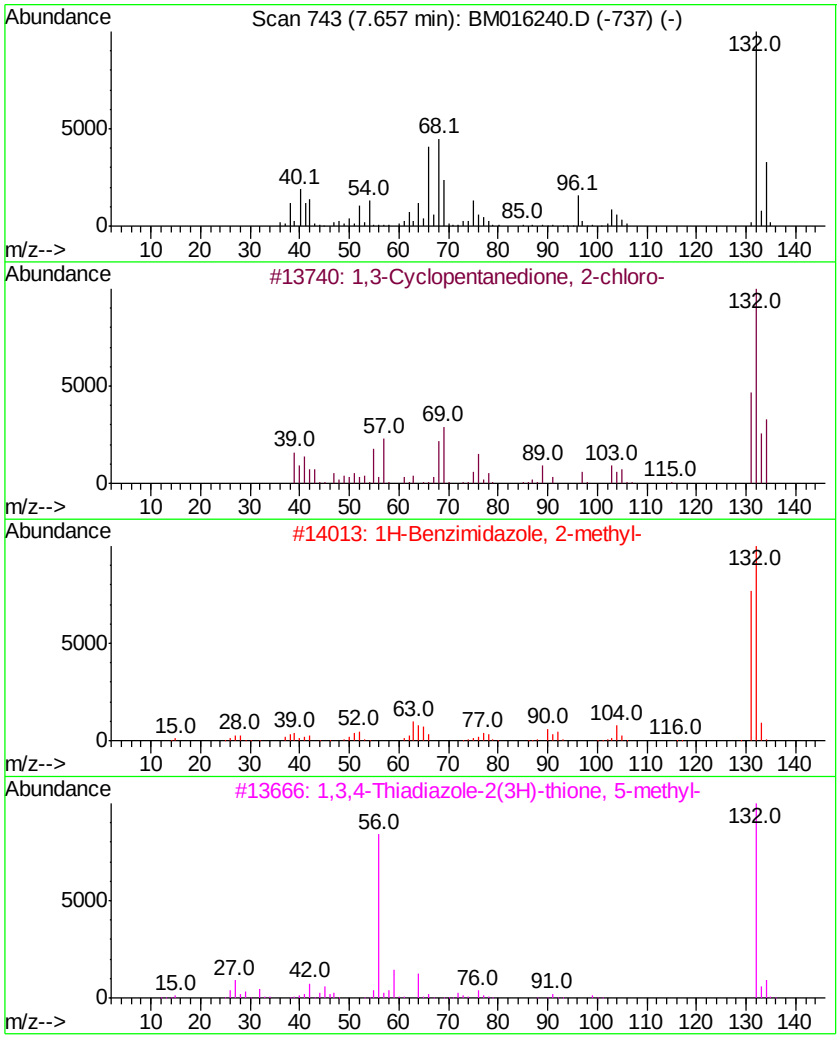
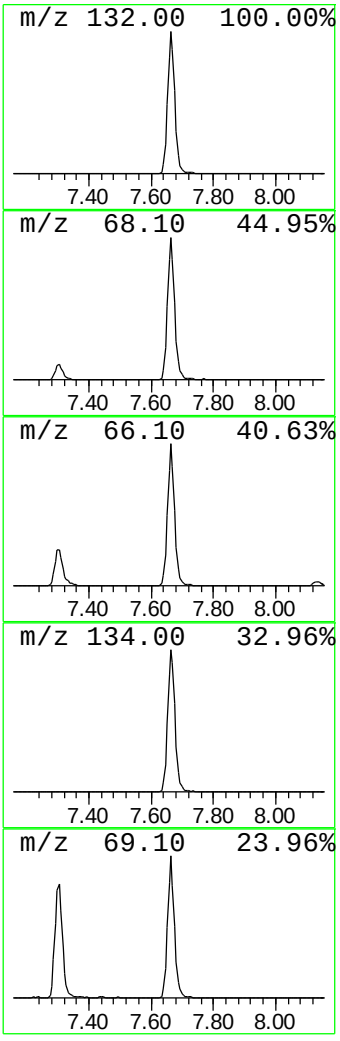
****

Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	73.09 ng	1359180	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14





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Instrument : BNA_M
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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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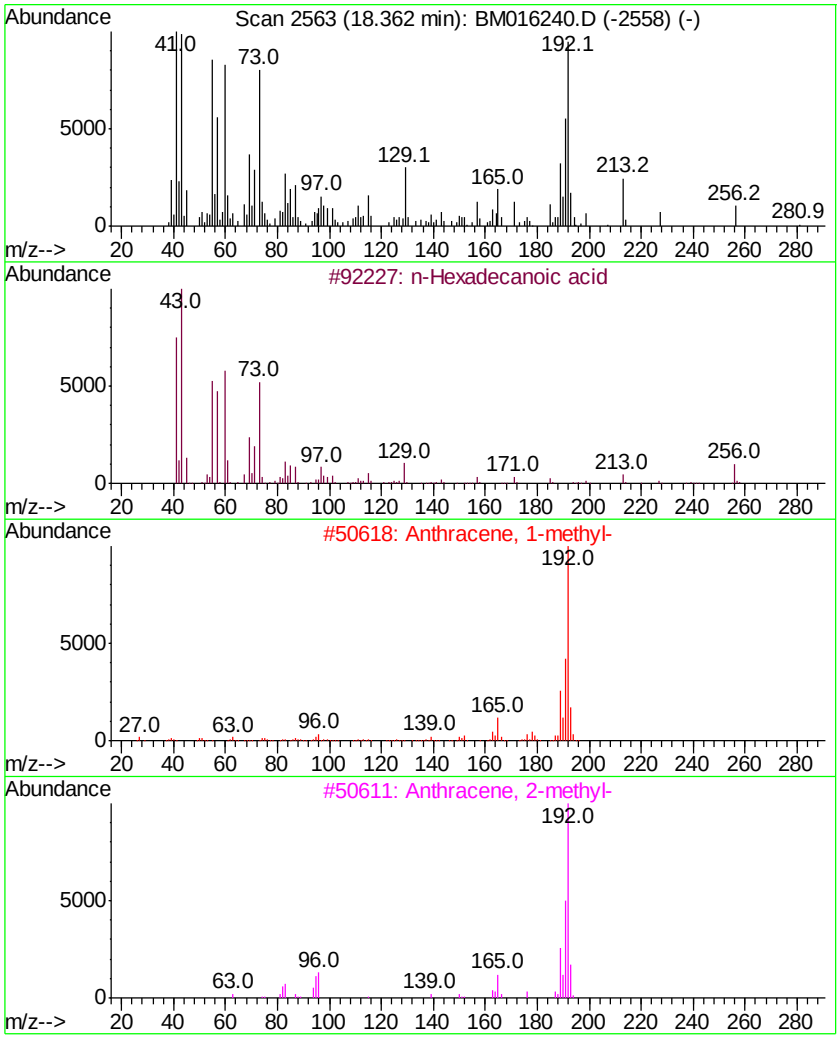
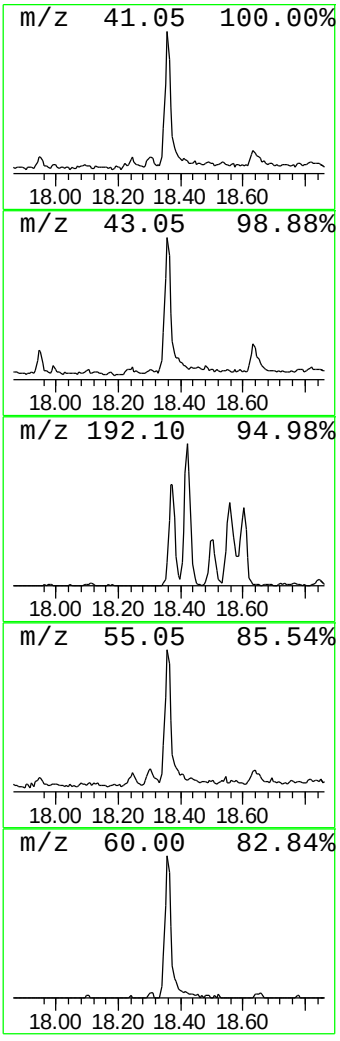
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	11.83 ng	482637	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76





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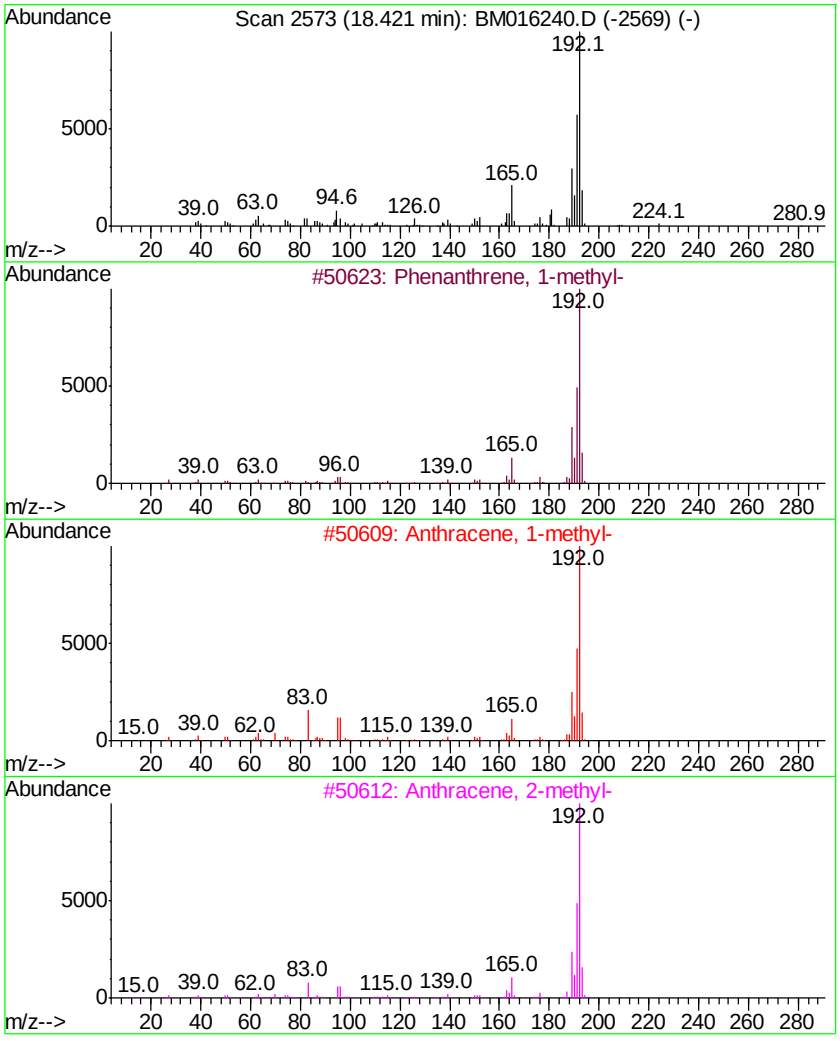
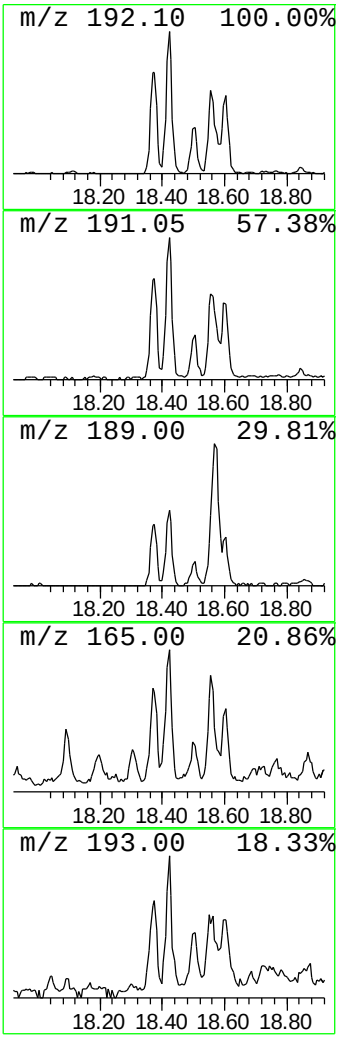
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.57 ng	227271	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Misc :
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Instrument : BNA_M
ClientSampleId : C-4

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

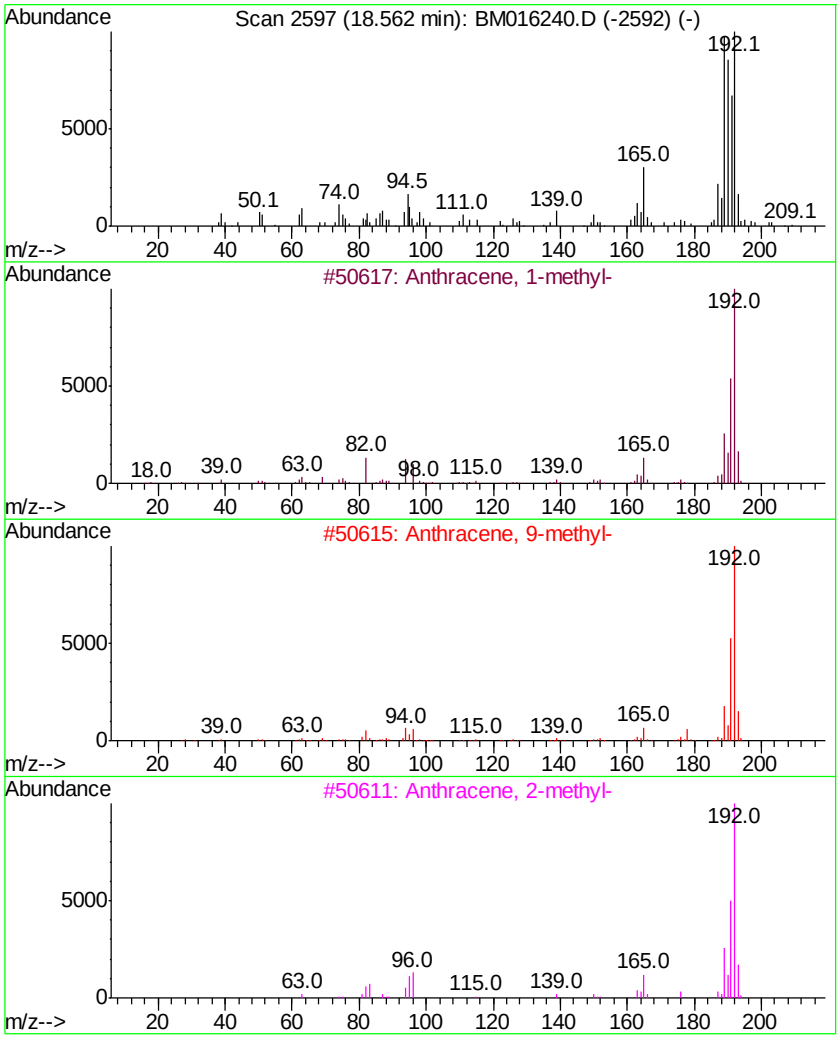
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

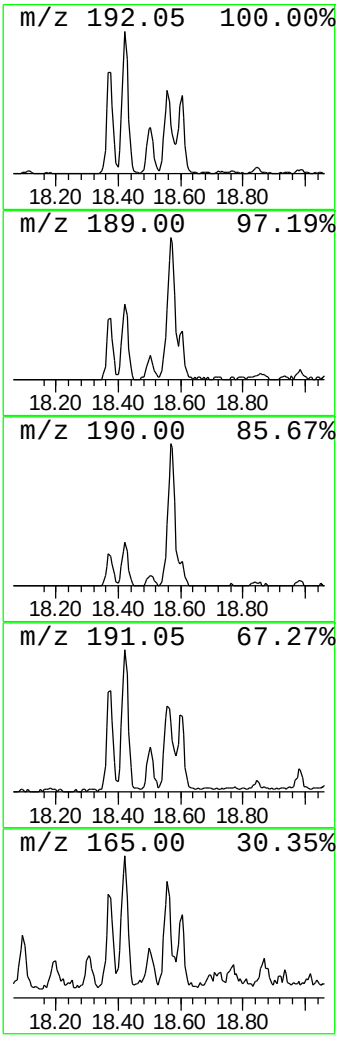
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	5.76 ng	235176	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49





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Instrument : BNA_M
ClientSampleId : C-4

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

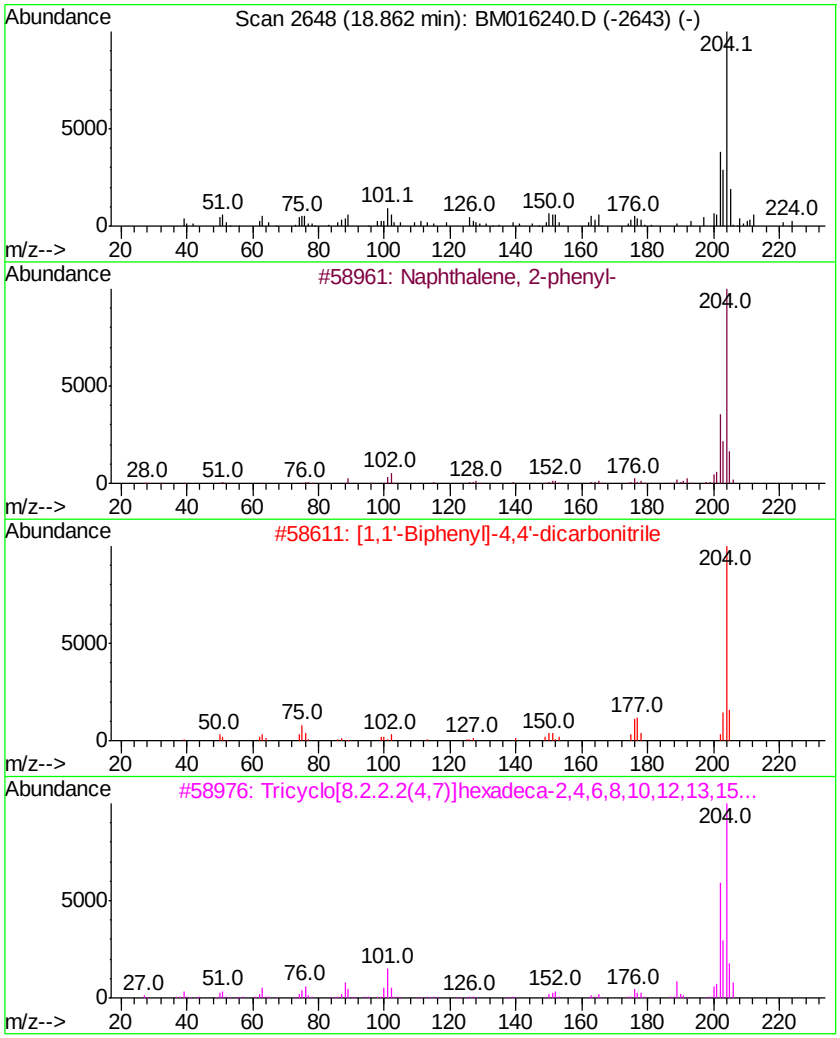
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

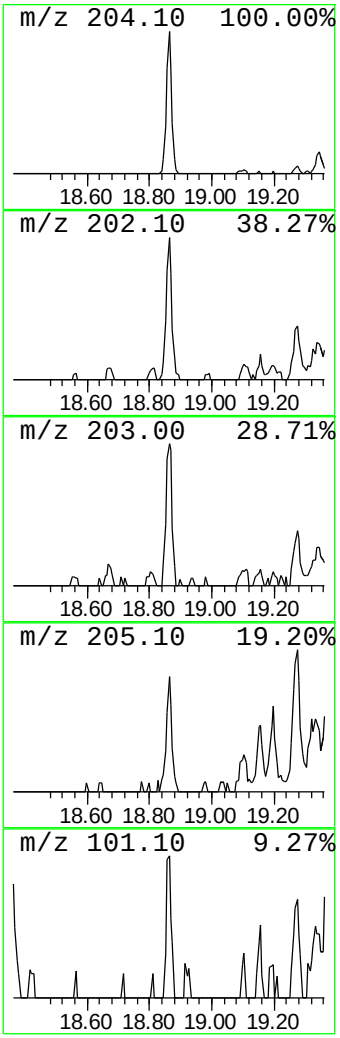
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.00 ng	122336	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	60
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





Library Search Compound Report

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Data File : BM016240.D
Acq On : 08 Aug 2018 05:20
Operator : SJ/JU
Sample : J4310-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C-4

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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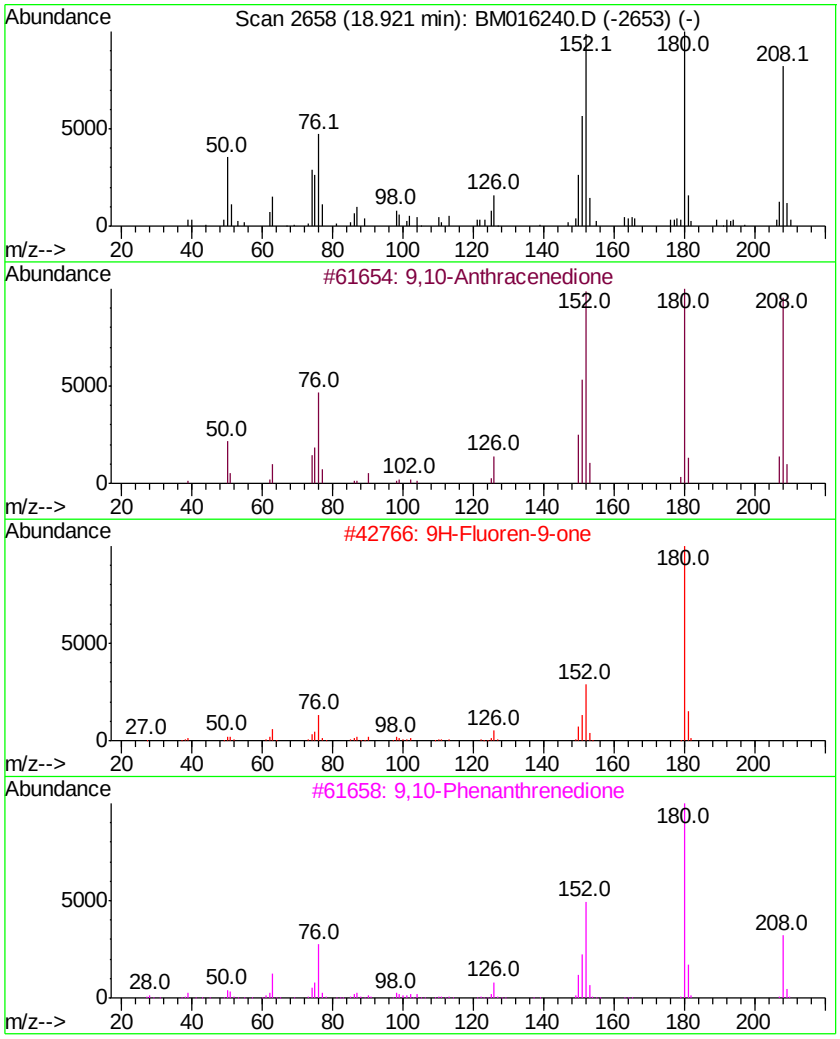
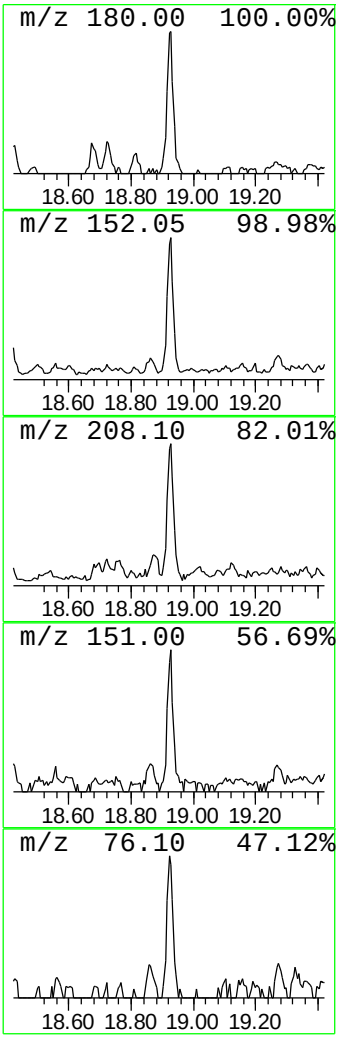
Peak Number 9 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.89 ng	117868	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	92
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





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Instrument : BNA_M
ClientSampleId : C-4

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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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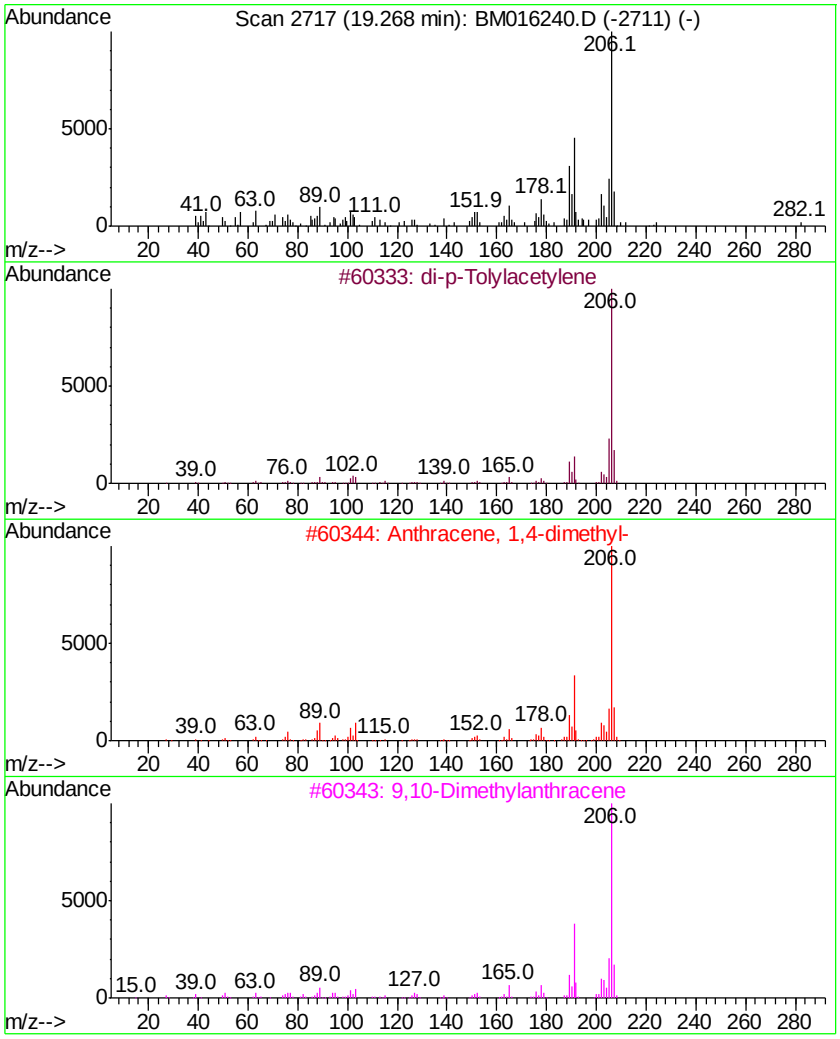
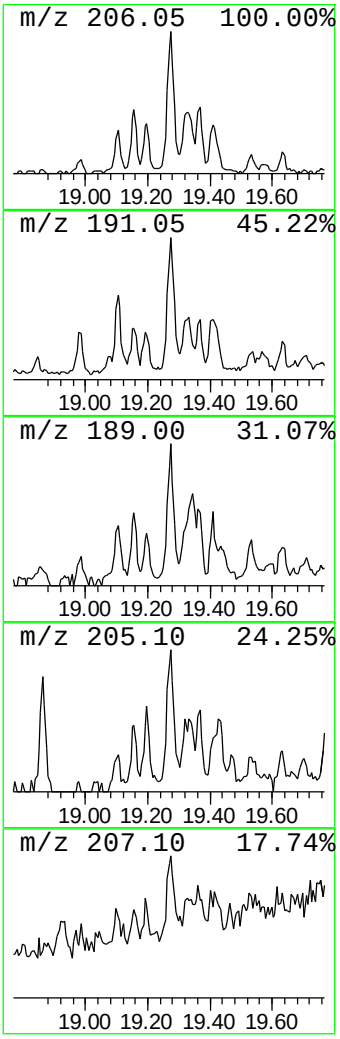
Peak Number 10 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	4.74 ng	193215	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83





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Instrument : BNA_M
ClientSampleId : C-4

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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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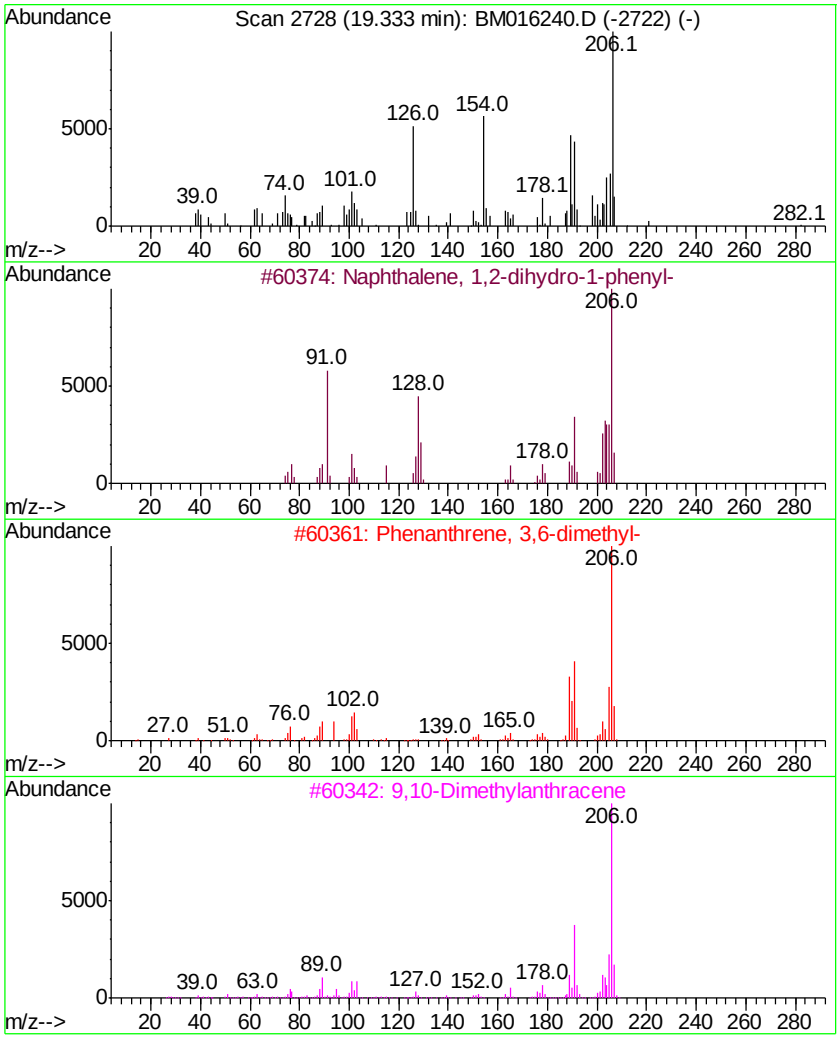
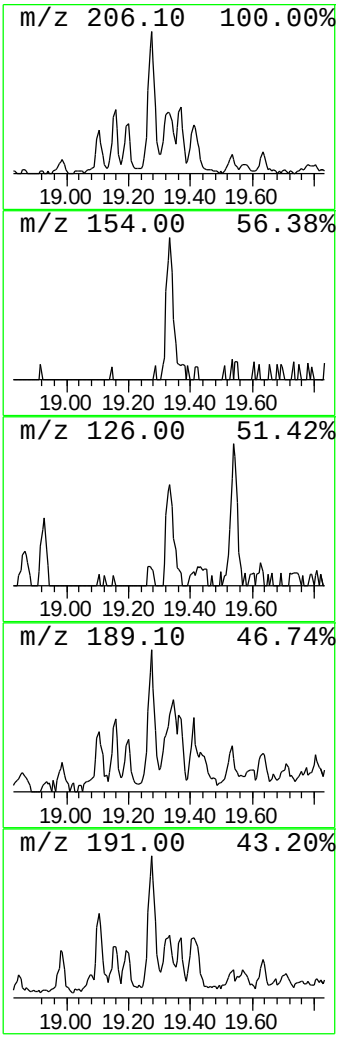
Peak Number 11 Naphthalene, 1,2-dihydro-1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.42 ng	98799	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	50





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ClientSampleId : C-4

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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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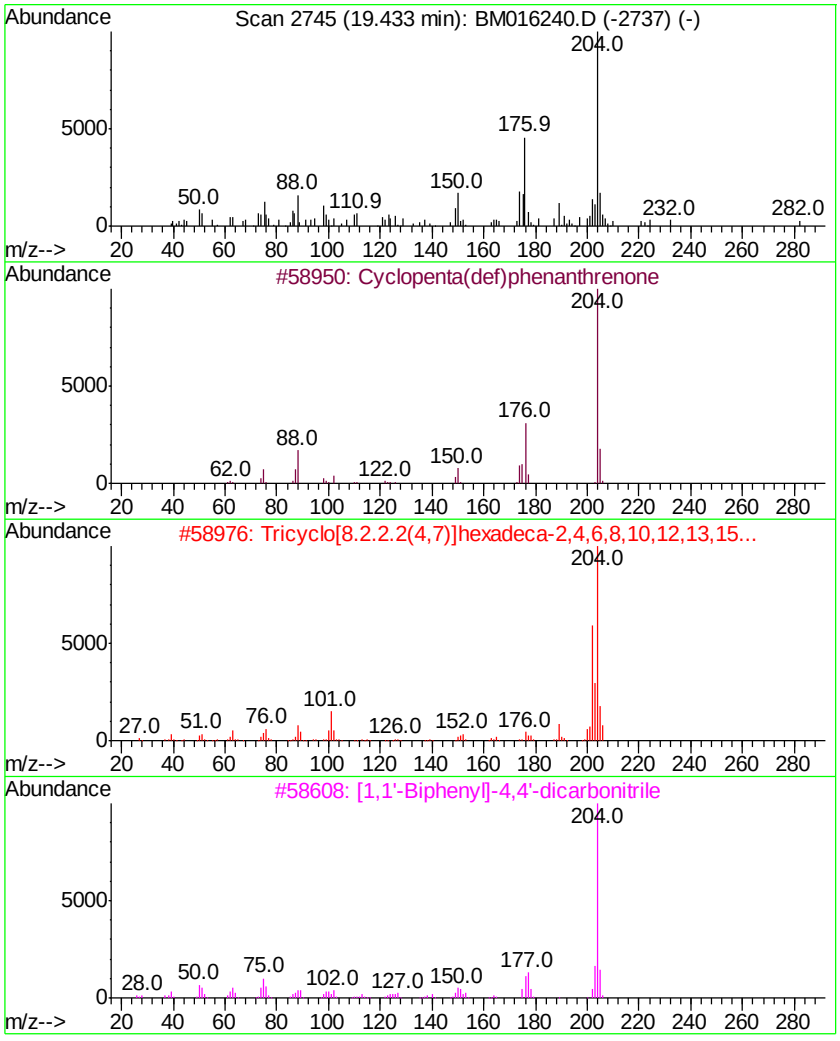
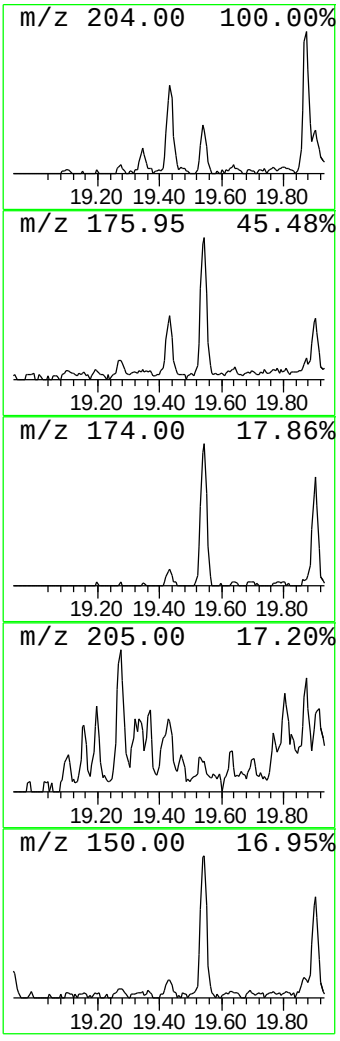
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	3.10 ng	126505	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	62
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	47
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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Sample : J4310-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C-4

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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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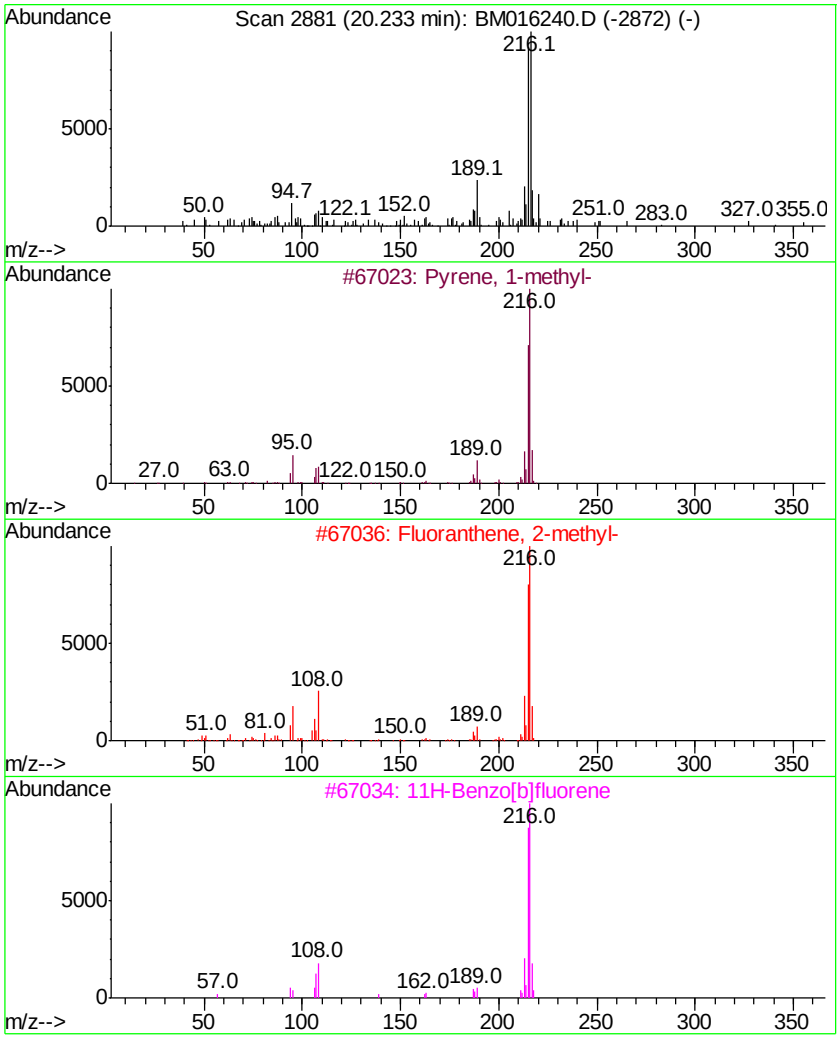
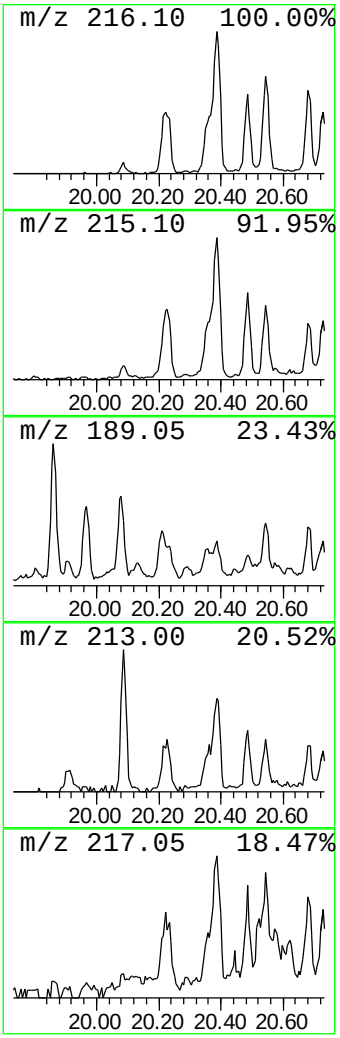
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.55 ng	219581	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
5	2-Chloro-7-phenyltropone	216	C13H9ClO	090128-01-1	50





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ClientSampleId : C-4

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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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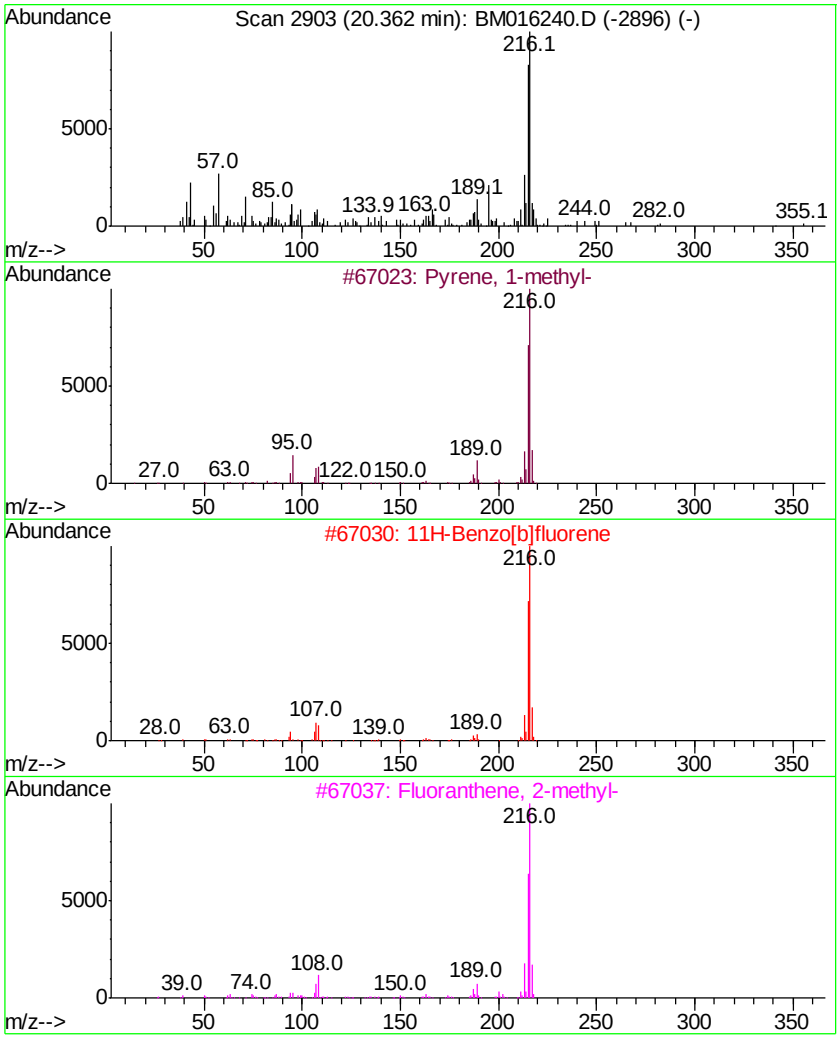
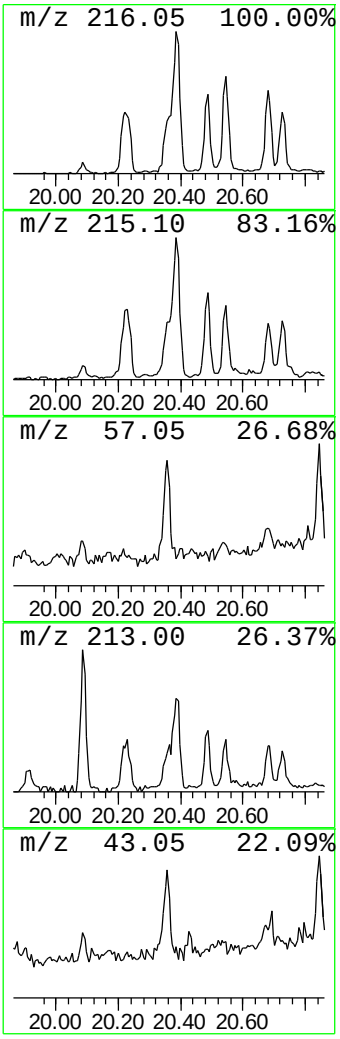
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.17 ng	186885	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	50





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Sample : J4310-07
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ClientSampleId : C-4

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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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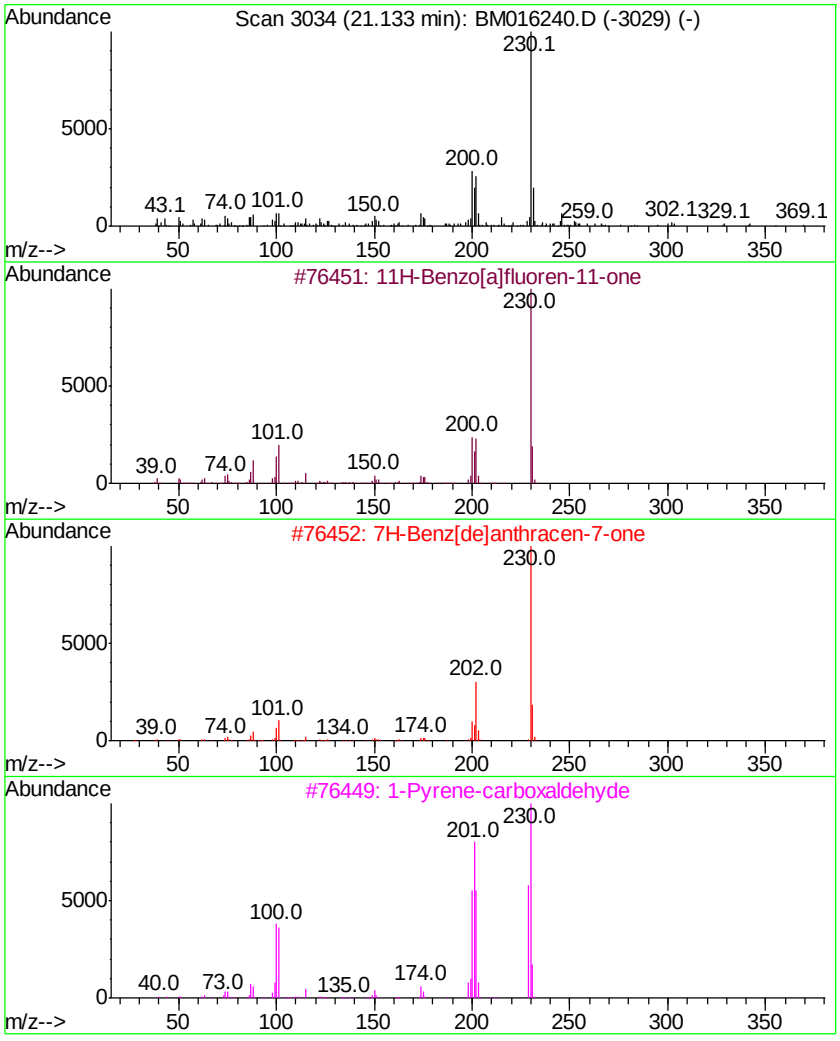
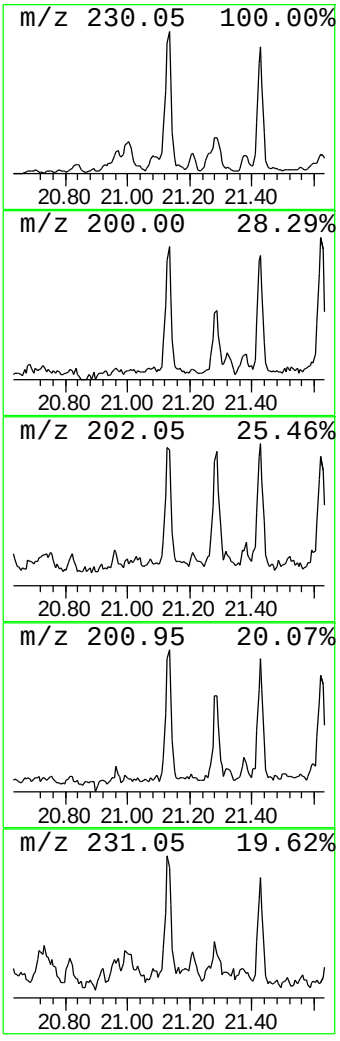
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	2.44 ng	210297	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	59
4	Quinoline, 2-(2-phenylethenyl)-	231	C17H13N	004945-26-0	47
5	o-Terphenyl	230	C18H14	000084-15-1	47





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Sample : J4310-07
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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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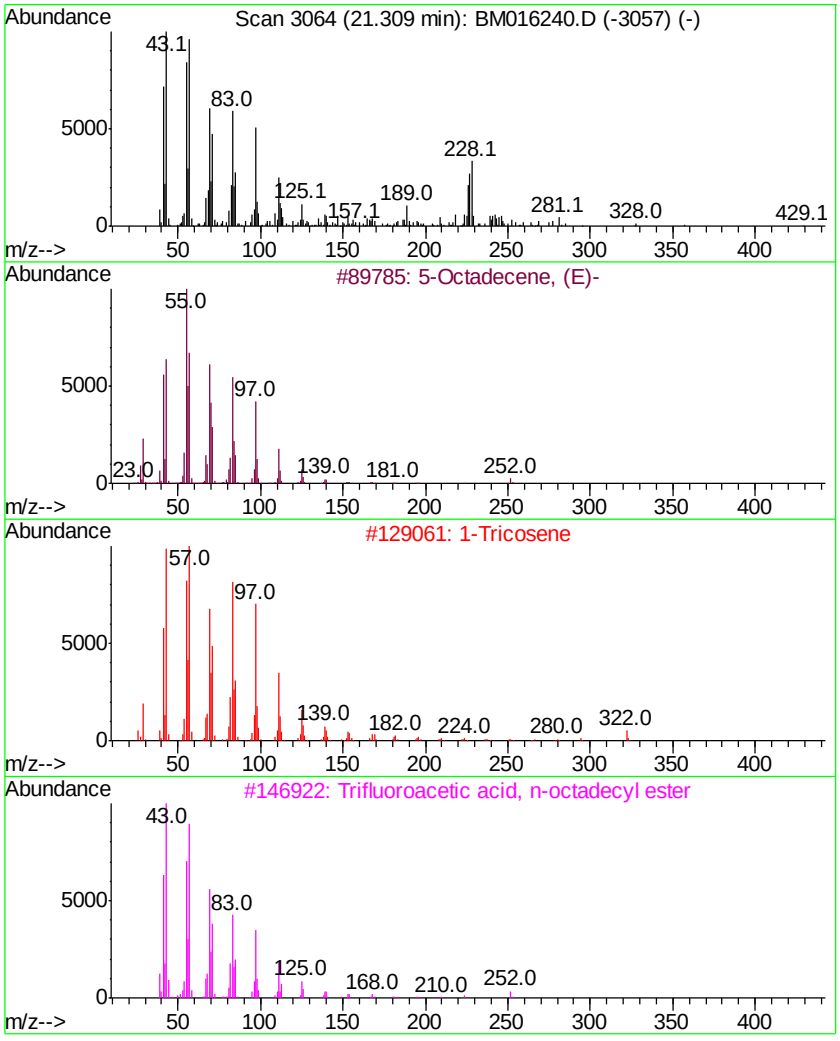
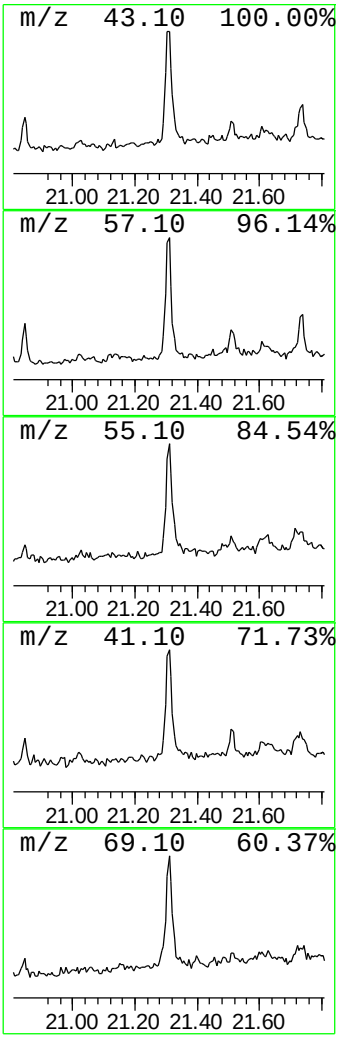
Peak Number 16 5-Octadecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	5.49 ng	473291	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	70
2	1-Tricosene	322	C23H46	018835-32-0	64
3	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	64
4	17-Pentatriacontene	491	C35H70	006971-40-0	62
5	11-Tricosene	322	C23H46	052078-56-5	62





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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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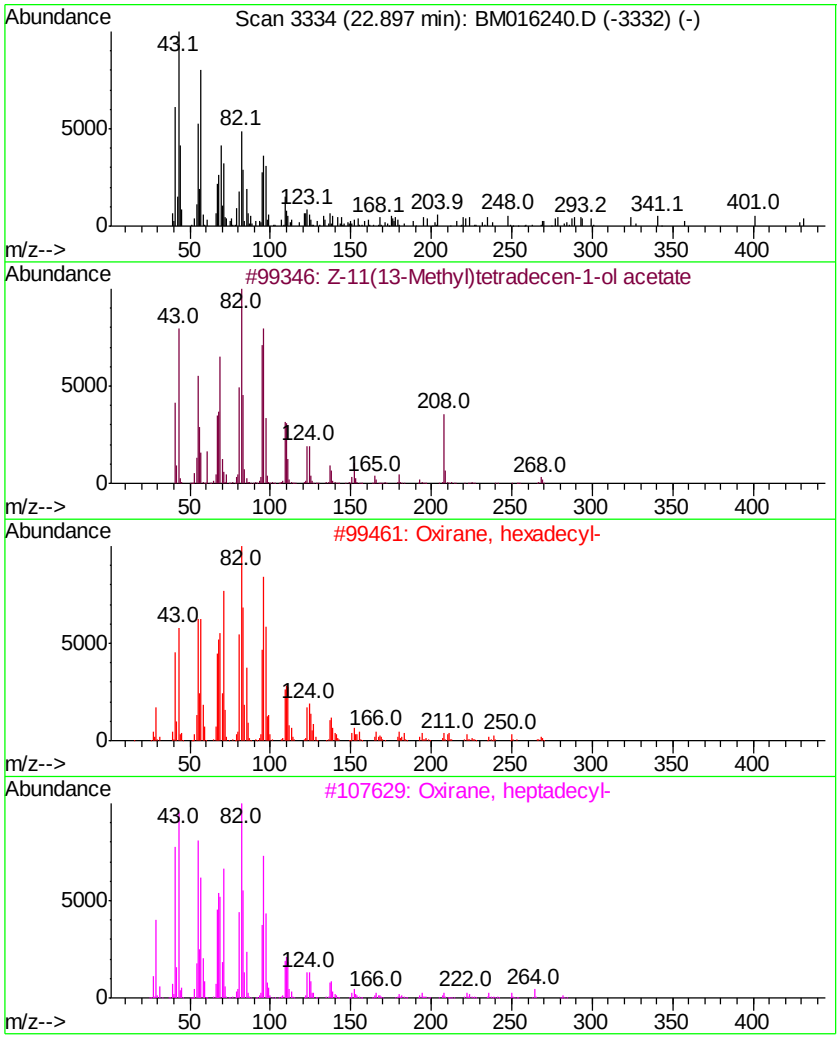
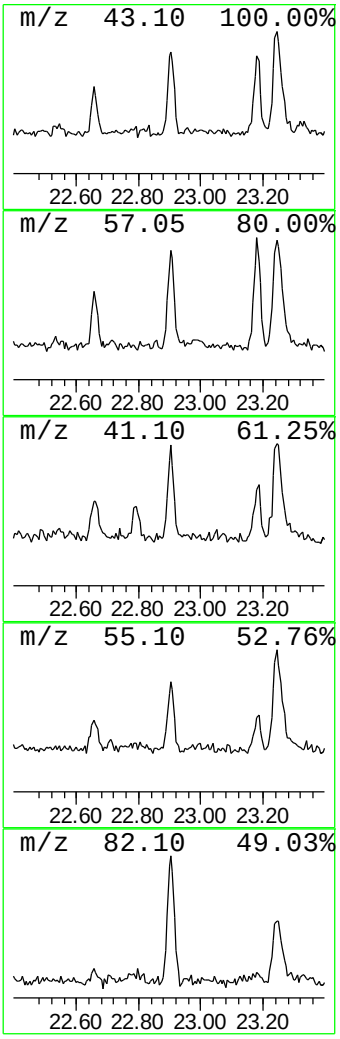
Peak Number 17 Z-11(13-Methyl)tetradecen-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	5.16 ng	164292	Perylene-d12	23.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000131-33-3	89
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	72
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	58
4	Octadecanal	268	C18H36O	000638-66-4	58
5	1,19-Eicosadiene	278	C20H38	014811-95-1	53





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : C-4

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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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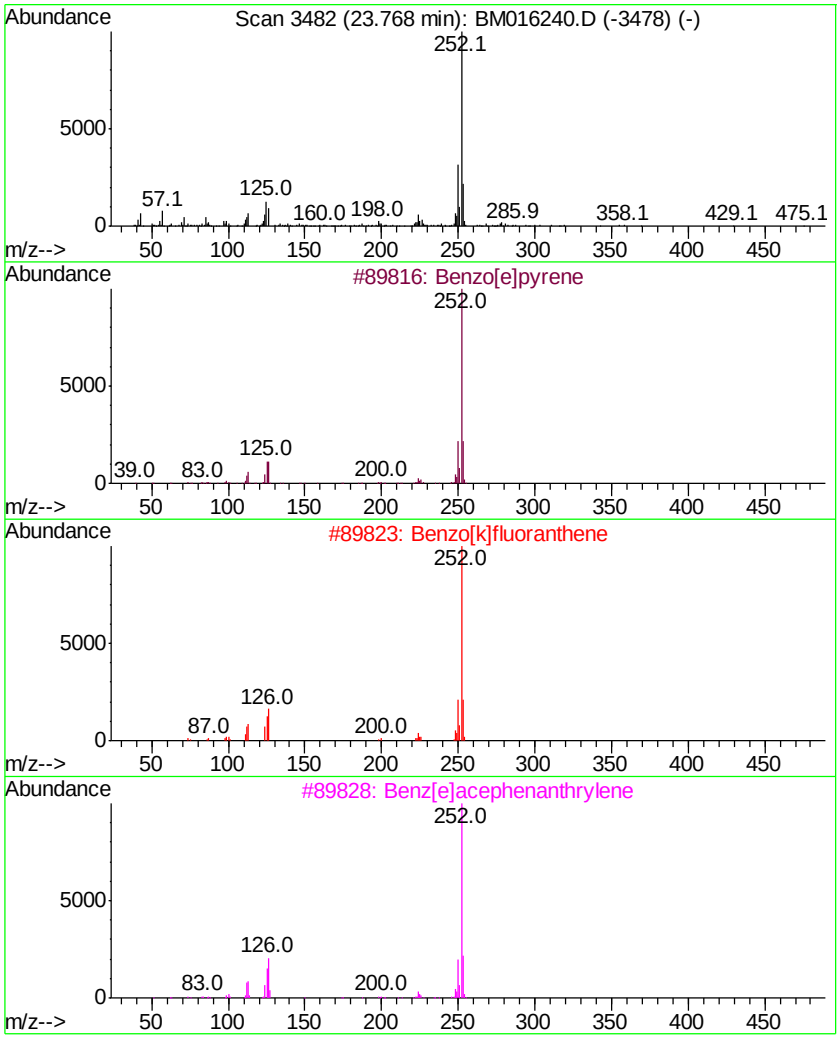
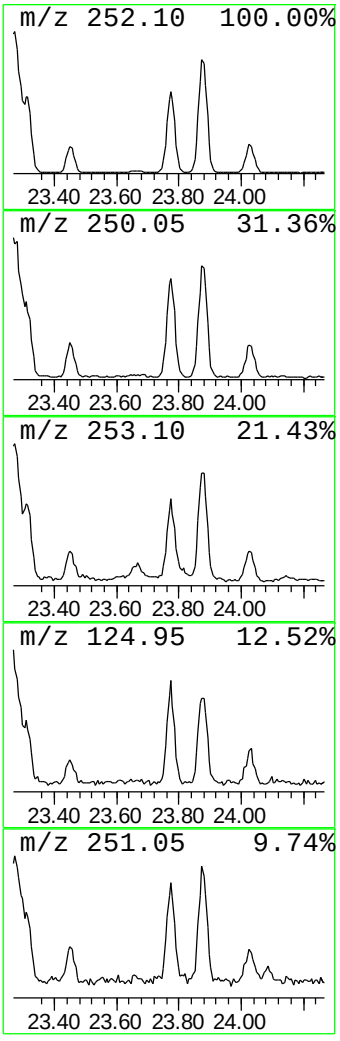
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	15.83 ng	503858	Perylene-d12	23.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

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ClientSampleId : C-4

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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...	5.18	8.2	ng	151524	1	8.14	371937	20.0
unknown7.66	7.66	73.1	ng	1359180	1	8.14	371937	20.0
n-Hexadecanoic acid	18.36	11.8	ng	482637	4	17.51	815952	20.0
Phenanthrene, 1-m...	18.42	5.6	ng	227271	4	17.51	815952	20.0
Anthracene, 1-met...	18.56	5.8	ng	235176	4	17.51	815952	20.0
Naphthalene, 2-ph...	18.86	3.0	ng	122336	4	17.51	815952	20.0
9,10-Anthracenedione	18.92	2.9	ng	117868	4	17.51	815952	20.0
di-p-Tolylacetylene	19.27	4.7	ng	193215	4	17.51	815952	20.0
Naphthalene, 1,2-...	19.33	2.4	ng	98799	4	17.51	815952	20.0
Cyclopenta(def)ph...	19.43	3.1	ng	126505	4	17.51	815952	20.0
Pyrene, 1-methyl-	20.23	2.5	ng	219581	5	21.64	1725200	20.0
11H-Benzo[b]fluorene	20.36	2.2	ng	186885	5	21.64	1725200	20.0
11H-Benzo[a]fluor...	21.13	2.4	ng	210297	5	21.64	1725200	20.0
5-Octadecene, (E)-	21.31	5.5	ng	473291	5	21.64	1725200	20.0
Z-11(13-Methyl)te...	22.90	5.2	ng	164292	6	23.98	636557	20.0
Benzo[e]pyrene	23.77	15.8	ng	503858	6	23.98	636557	20.0