LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022777.D
Acq On : 25 Sep 2019 18:30
Operator : JU
Sample : K4997-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

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-BM092019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.022	3	6	21	rVB	1272774	1512433	12.49%	1.483%
2	5.404	404	411	421	rBV	3922013	5589515	46.15%	5.482%
3	6.987	672	680	696	rBV	3688848	6057793	50.01%	5.941%
4	7.357	735	743	756	rBV	4031811	6375322	52.63%	6.253%
5	7.822	815	822	830	rVB	767855	1228543	10.14%	1.205%
6	8.139	869	876	884	rBV	3126303	5126561	42.32%	5.028%
7	8.975	1005	1018	1030	rBV	2256087	3733631	30.82%	3.662%
8	10.610	1289	1296	1302	rBV	920671	1538530	12.70%	1.509%
9	13.080	1708	1716	1729	rBV	5866347	8644998	71.37%	8.479%
10	13.780	1828	1835	1840	rBV3	80171	149085	1.23%	0.146%
11	13.904	1849	1856	1861	rBV	370333	546785	4.51%	0.536%
12	14.174	1894	1902	1917	rBV	343964	576599	4.76%	0.566%
13	14.451	1940	1949	1956	rBV	1233623	1916879	15.83%	1.880%
14	15.068	2046	2054	2060	rBV3	55802	144280	1.19%	0.142%
15	15.498	2122	2127	2131	rBV3	75368	130261	1.08%	0.128%
16	15.939	2193	2202	2211	rBV	4464185	6267416	51.74%	6.147%
17	16.174	2235	2242	2251	rBV4	102474	186057	1.54%	0.182%
18	16.504	2290	2298	2302	rBV4	52092	128036	1.06%	0.126%
19	16.845	2352	2356	2364	rVB3	71944	137496	1.14%	0.135%
20	17.009	2380	2384	2392	rVB	72907	123122	1.02%	0.121%
21	17.192	2409	2415	2419	rBV2	1453471	2136364	17.64%	2.095%
22	17.233	2419	2422	2429	rVV	1093292	1511627	12.48%	1.483%
23	17.321	2433	2437	2442	rVV	342406	474506	3.92%	0.465%
24	17.380	2442	2447	2453	rVV3	61126	123735	1.02%	0.121%
25	17.586	2473	2482	2487	rBV	72418	194974	1.61%	0.191%
26	17.768	2510	2513	2518	rVB	102882	132999	1.10%	0.130%
27	18.068	2559	2564	2566	rBV	398664	591508	4.88%	0.580%
28	18.115	2569	2572	2578	rVV	538828	738902	6.10%	0.725%
29	18.192	2581	2585	2590	rVV	162555	255607	2.11%	0.251%
30	18.256	2590	2596	2600	rVV2	513773	989672	8.17%	0.971%
31	18.298	2600	2603	2609	rVB	361545	488644	4.03%	0.479%
32	18.386	2614	2618	2627	rVV4	60788	169995	1.40%	0.167%
33	18.568	2644	2649	2652	rBV2	202515	281390	2.32%	0.276%
34	18.603	2652	2655	2666	rVB3	170469	309173	2.55%	0.303%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022777.D
Acq On : 25 Sep 2019 18:30
Operator : JU
Sample : K4997-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

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-BM092019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.815	2688	2691	2696	rVV2	119990	140498	1.16%	0.138%
36	18.862	2696	2699	2703	rVV	157068	215517	1.78%	0.211%
37	18.903	2703	2706	2710	rVB	139367	172651	1.43%	0.169%
38	18.986	2715	2720	2724	rBV	498323	758392	6.26%	0.744%
39	19.039	2724	2729	2733	rVV3	201073	442089	3.65%	0.434%
40	19.074	2733	2735	2739	rVB	177203	206277	1.70%	0.202%
41	19.121	2739	2743	2751	rBV3	263368	498266	4.11%	0.489%
42	19.245	2759	2764	2771	rBV	1996671	2673731	22.07%	2.622%
43	19.309	2771	2775	2778	rBV2	104401	155943	1.29%	0.153%
44	19.350	2778	2782	2787	rVV3	94158	166125	1.37%	0.163%
45	19.397	2787	2790	2794	rVB	191222	214554	1.77%	0.210%
46	19.445	2794	2798	2802	rVB2	103737	134309	1.11%	0.132%
47	19.609	2817	2826	2834	rBV	2338073	3639515	30.05%	3.570%
48	19.692	2835	2840	2845	rVB3	208007	356872	2.95%	0.350%
49	19.815	2853	2861	2866	rBV	9806784	12112478	100.00%	11.880%
50	19.933	2877	2881	2893	rVB5	299767	757269	6.25%	0.743%
51	20.074	2900	2905	2907	rBV3	238765	420261	3.47%	0.412%
52	20.103	2907	2910	2914	rVB	459803	628493	5.19%	0.616%
53	20.209	2924	2928	2931	rBV	197652	248087	2.05%	0.243%
54	20.262	2933	2937	2942	rVB2	416640	569481	4.70%	0.559%
55	20.403	2957	2961	2965	rBV	394012	523619	4.32%	0.514%
56	20.450	2965	2969	2973	rVB	344187	471475	3.89%	0.462%
57	20.850	3034	3037	3044	rVB	381674	579365	4.78%	0.568%
58	20.997	3059	3062	3063	rBV2	182293	190386	1.57%	0.187%
59	21.056	3069	3072	3074	rBV	176163	193125	1.59%	0.189%
60	21.086	3074	3077	3083	rVV3	988697	1294168	10.68%	1.269%
61	21.144	3084	3087	3095	rVB2	260675	443548	3.66%	0.435%
62	21.368	3119	3125	3129	rBV2	2537851	4792661	39.57%	4.701%
63	21.403	3129	3131	3142	rVB	1331477	1748210	14.43%	1.715%
64	21.980	3225	3229	3235	rVB2	639899	861085	7.11%	0.845%
65	22.956	3390	3395	3400	rBV2	1075525	2309921	19.07%	2.266%
66	23.444	3474	3478	3488	rVB	629251	1156001	9.54%	1.134%
67	23.544	3490	3495	3503	rVB	972042	1792300	14.80%	1.758%
68	23.644	3506	3512	3517	rBV	1382504	2580619	21.31%	2.531%

Sum of corrected areas: 101959729

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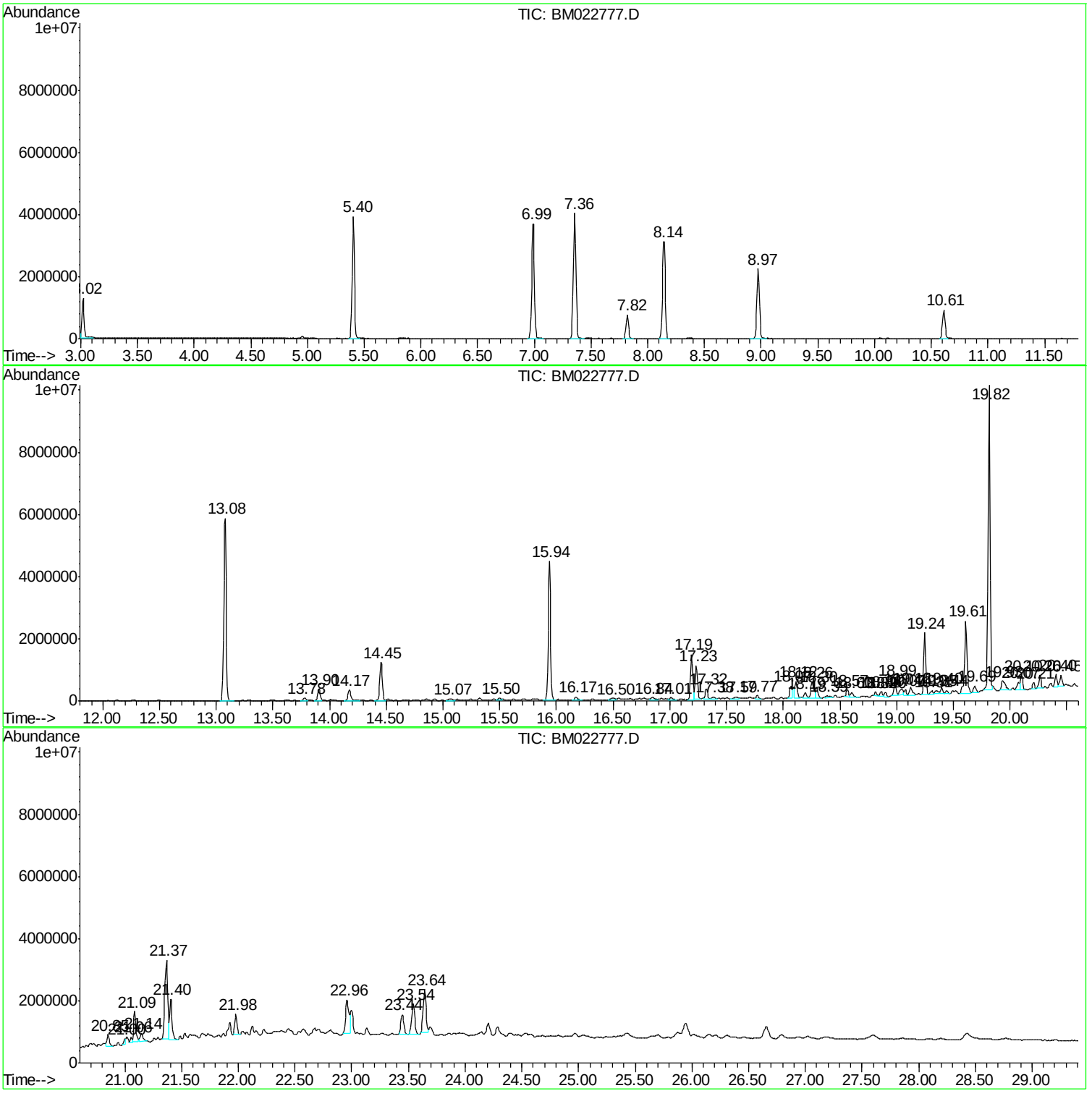
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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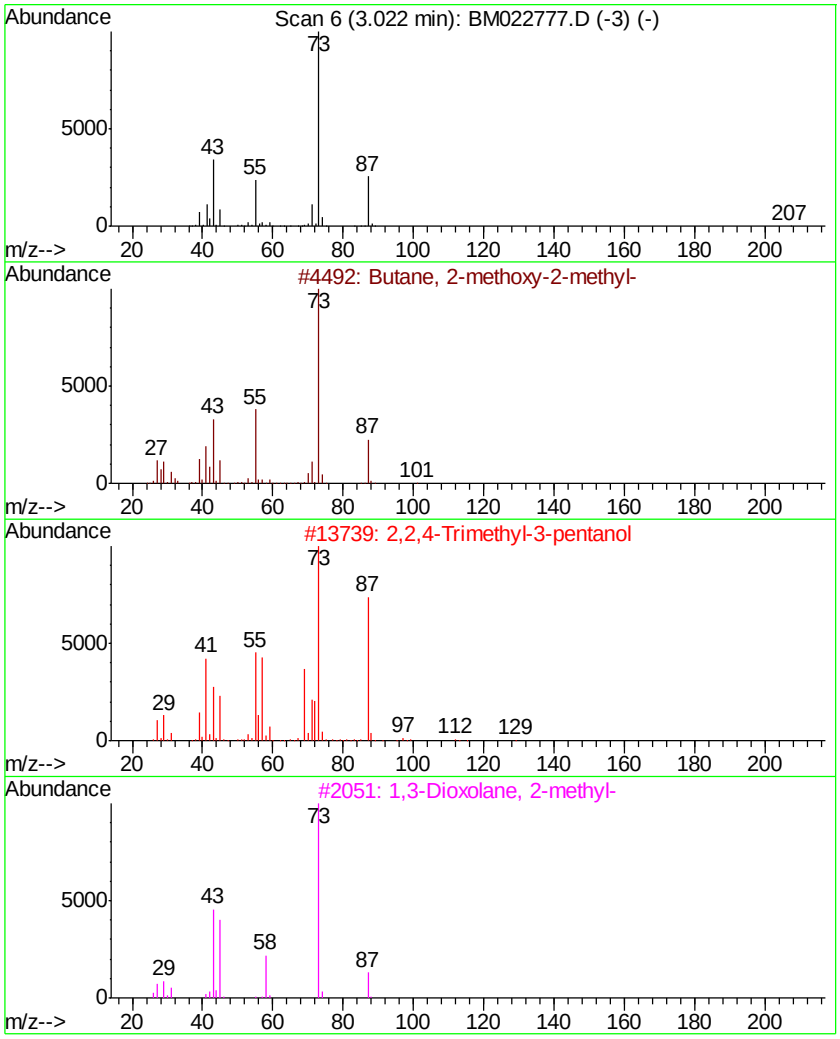
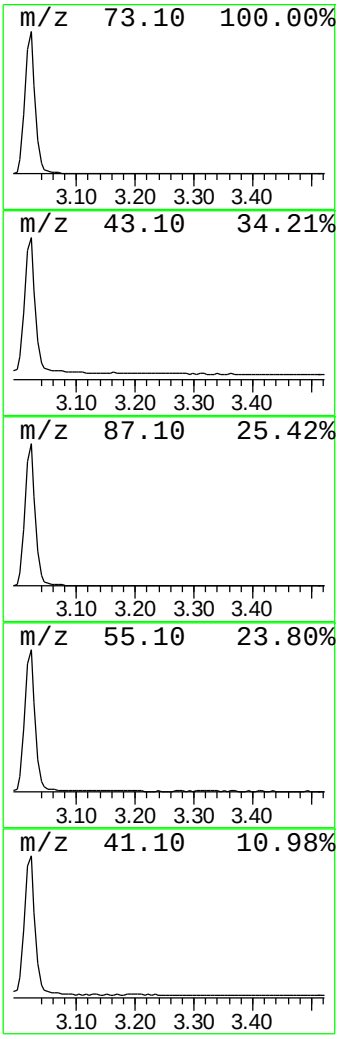
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	24.62 ng	1512430	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022777.D
Acq On : 25 Sep 2019 18:30
Operator : JU
Sample : K4997-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

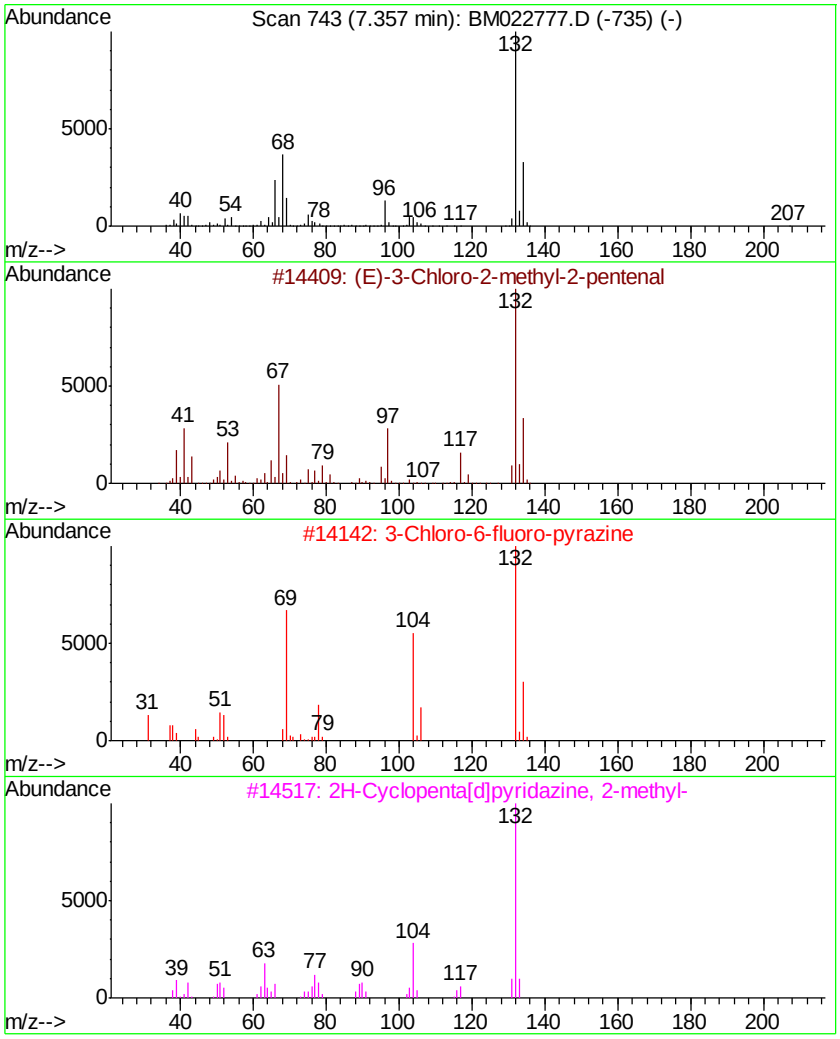
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

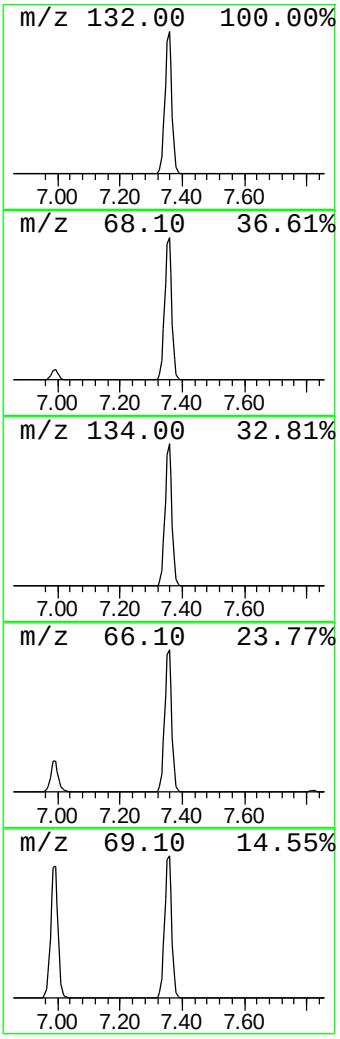
****

Peak Number 2 unknown7.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	103.79 ng	6375320	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Xenon	132	Xe	007440-63-3	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





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Sample : K4997-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

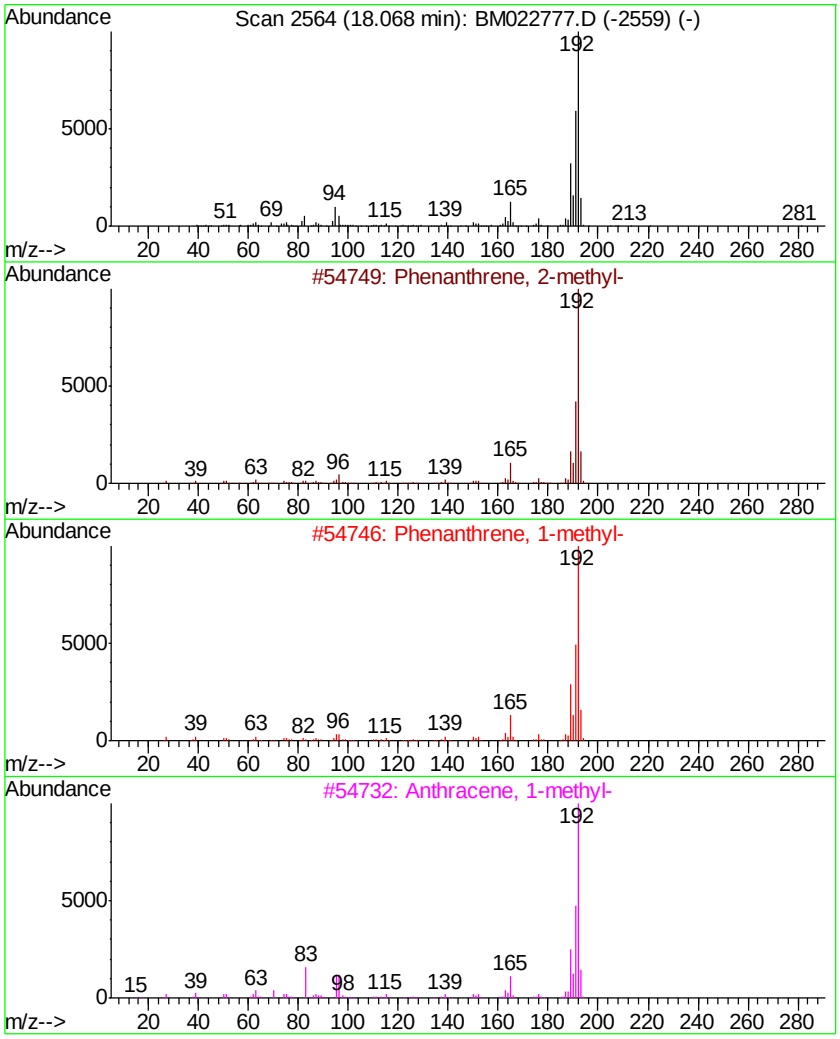
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

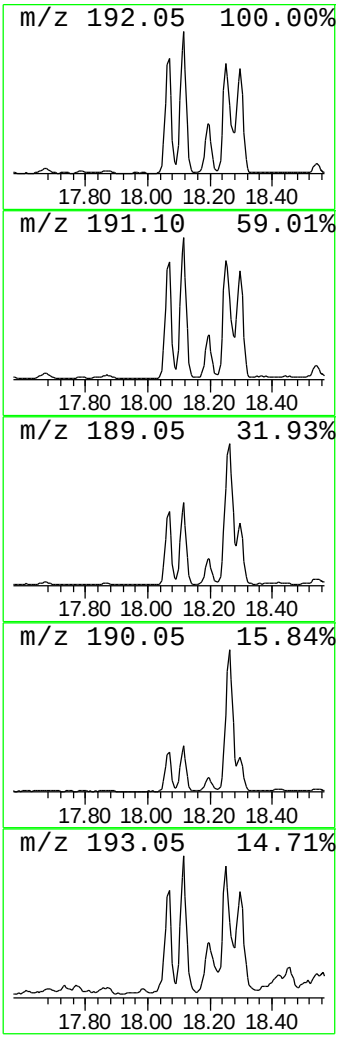
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.54 ng	591508	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 25 Sep 2019 18:30
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

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TIC Library : C:\DATABASE\NIST11.L
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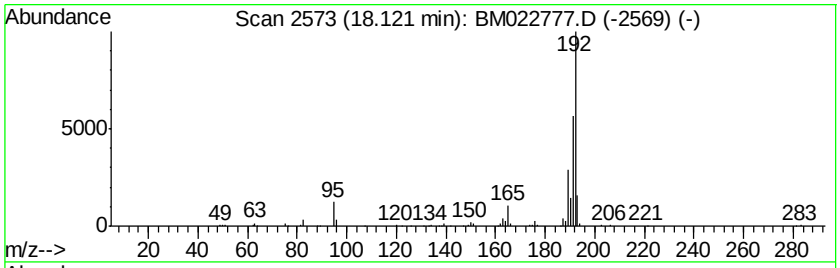
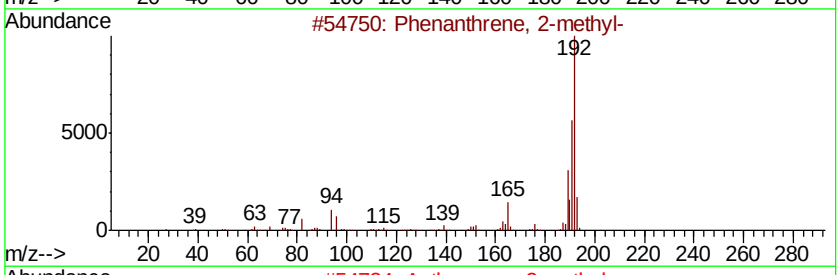
****

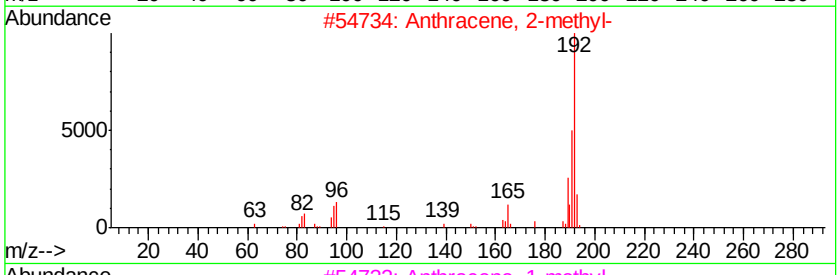
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

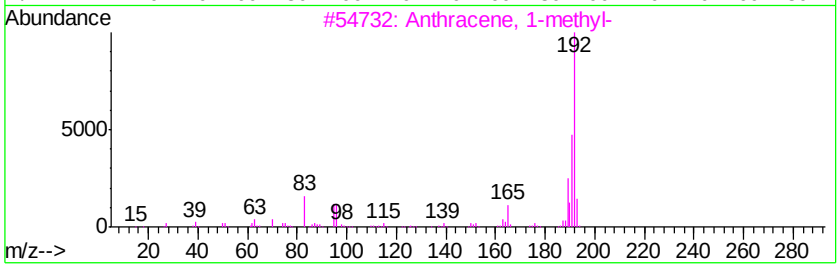
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	6.92 ng	738902	Phenanthrene-d10	17.19

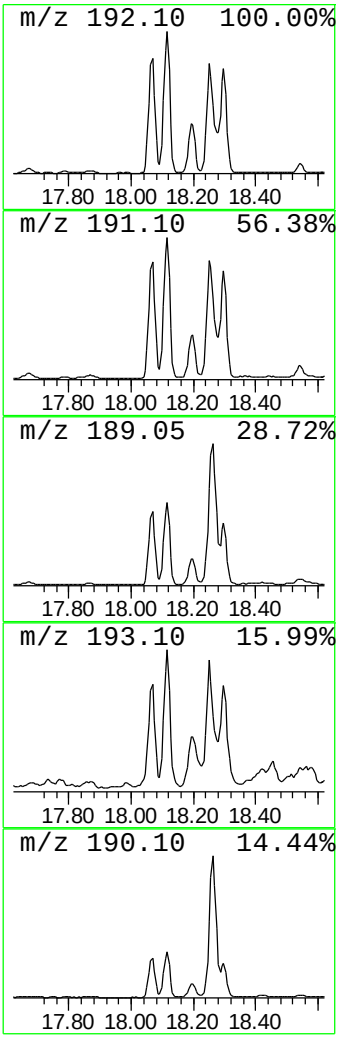
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91











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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

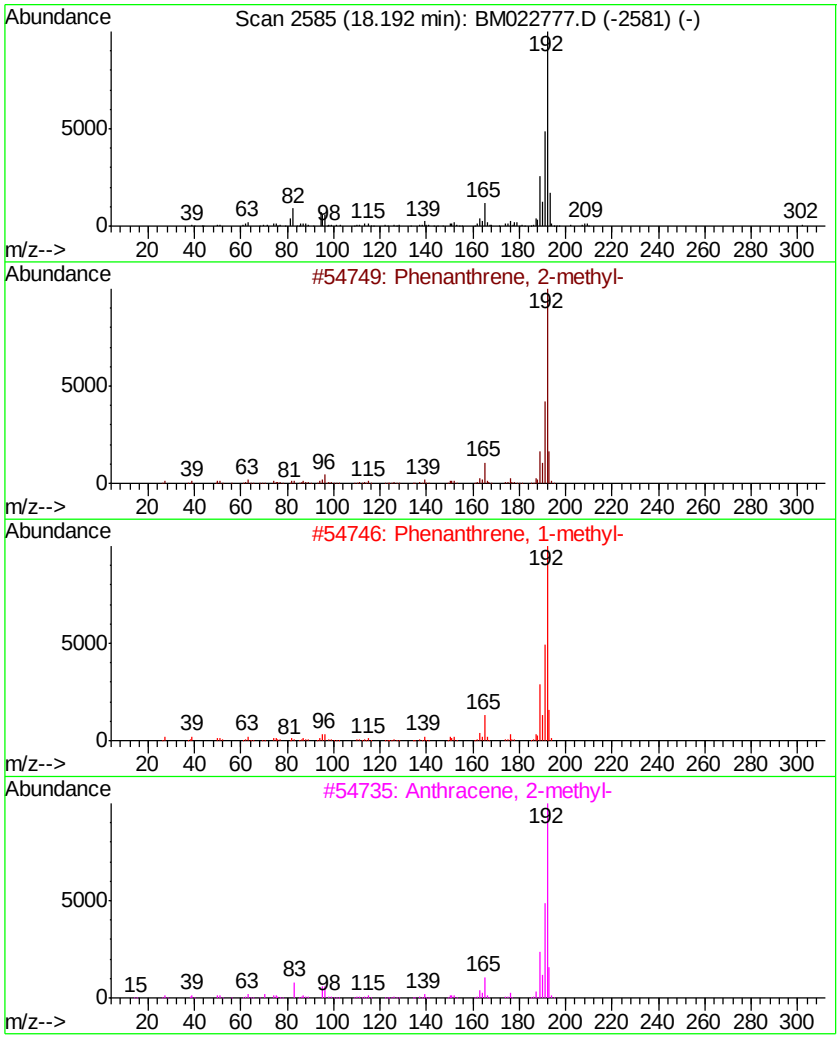
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

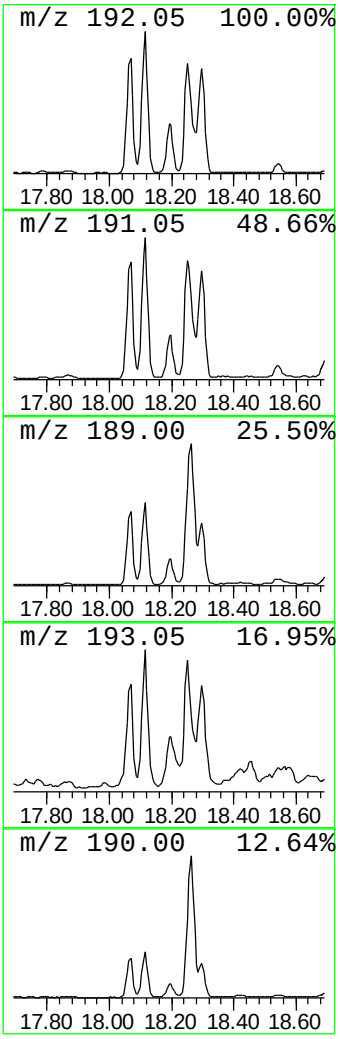
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.39 ng	255607	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022777.D
Acq On : 25 Sep 2019 18:30
Operator : JU
Sample : K4997-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

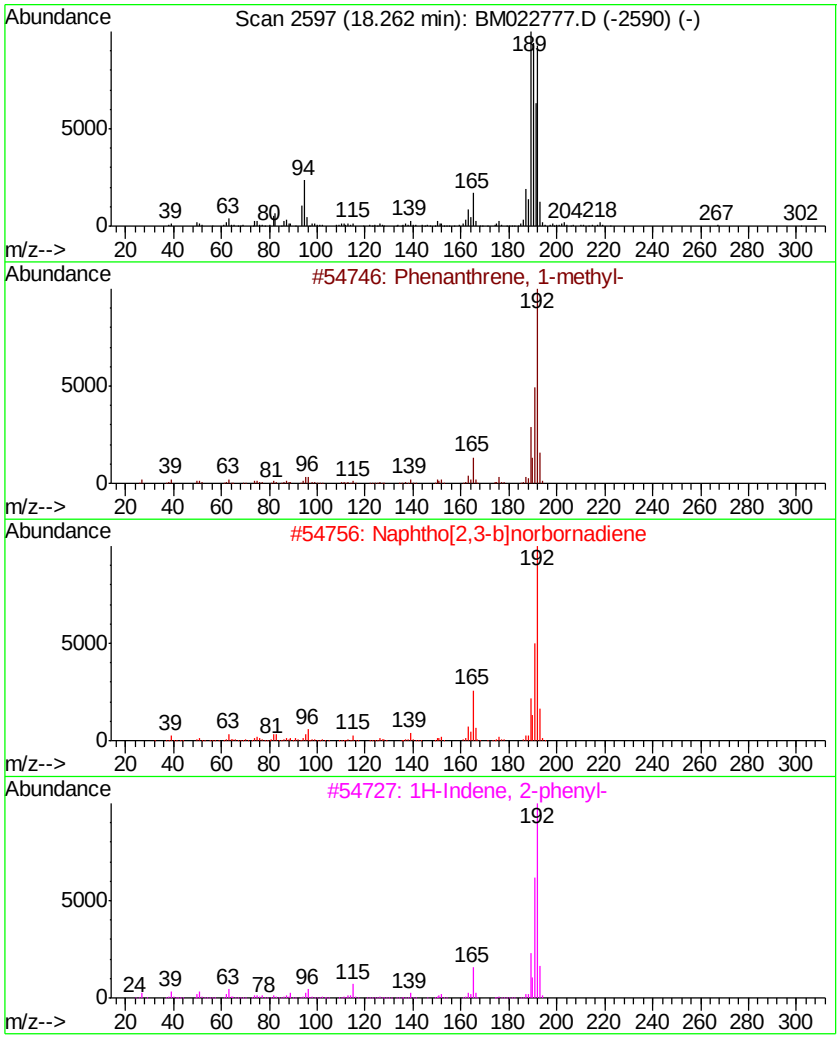
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

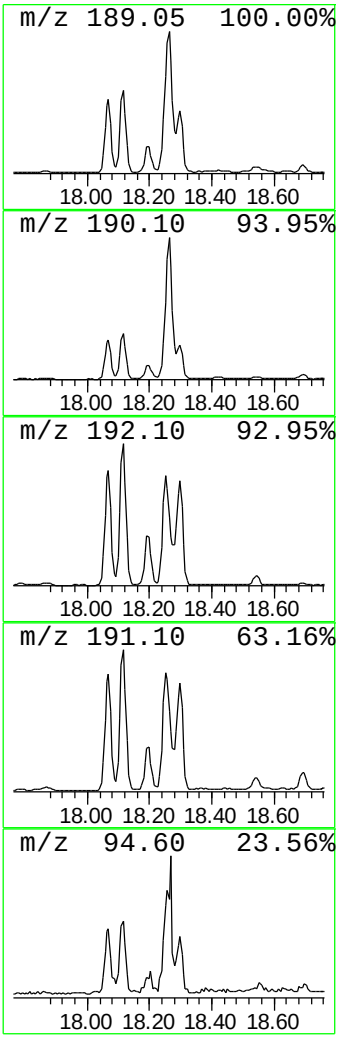
****

Peak Number 7 Naphtho[2,3-b]norbornadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	9.27 ng	989672	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58





Library Search Compound Report

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Data File : BM022777.D
Acq On : 25 Sep 2019 18:30
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
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TIC Integration Parameters: LSCINT.P

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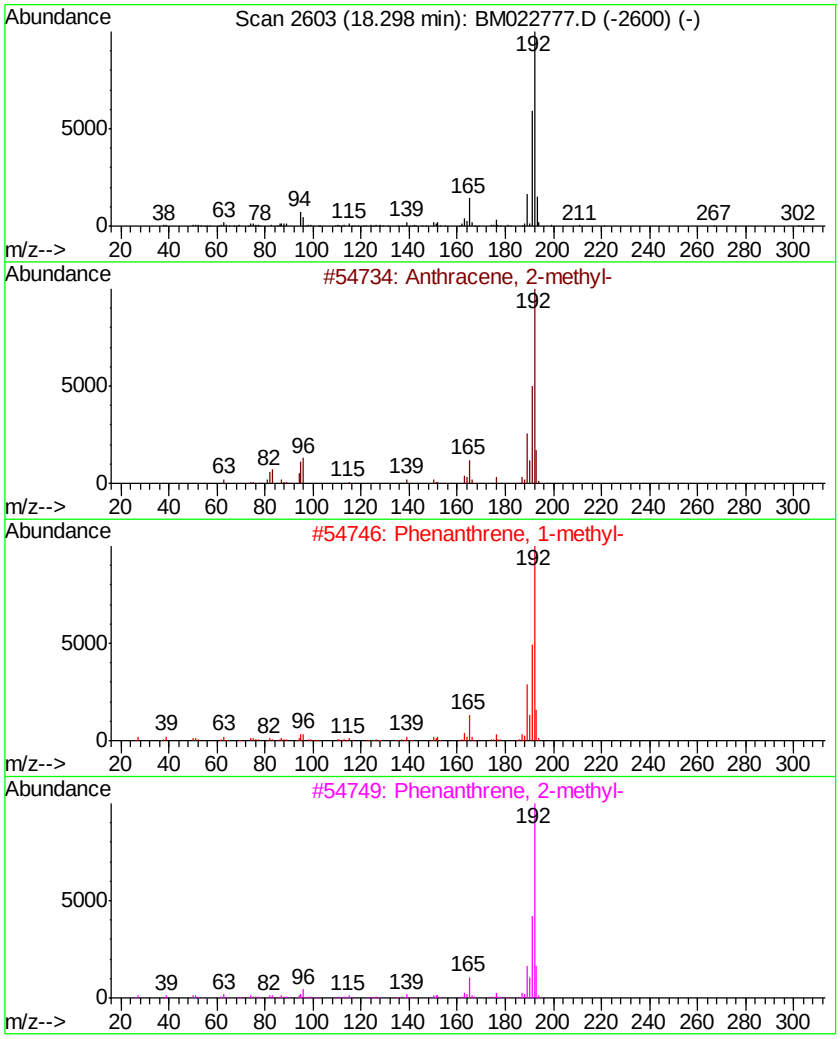
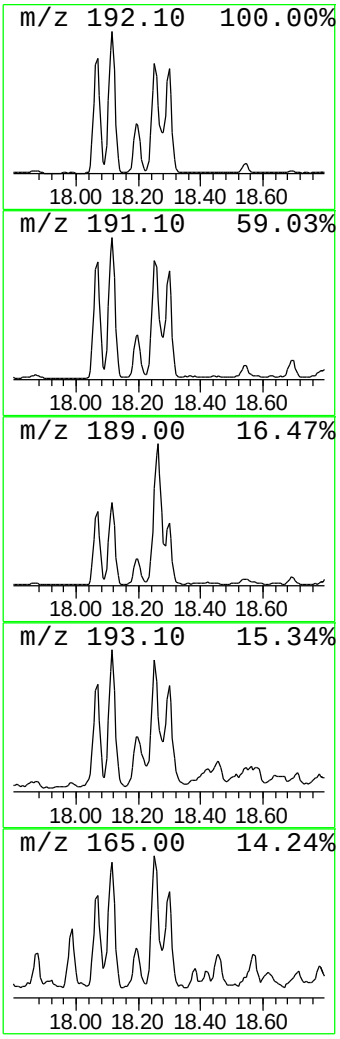
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.57 ng	488644	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





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Acq On : 25 Sep 2019 18:30
Operator : JU
Sample : K4997-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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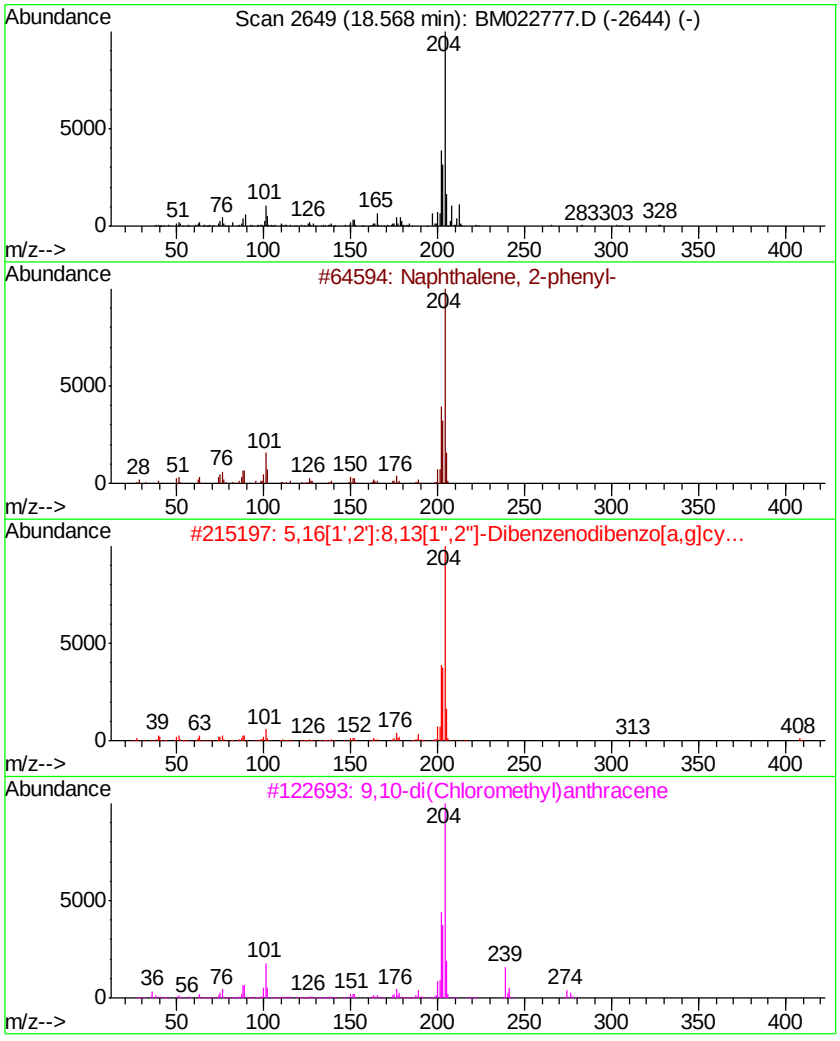
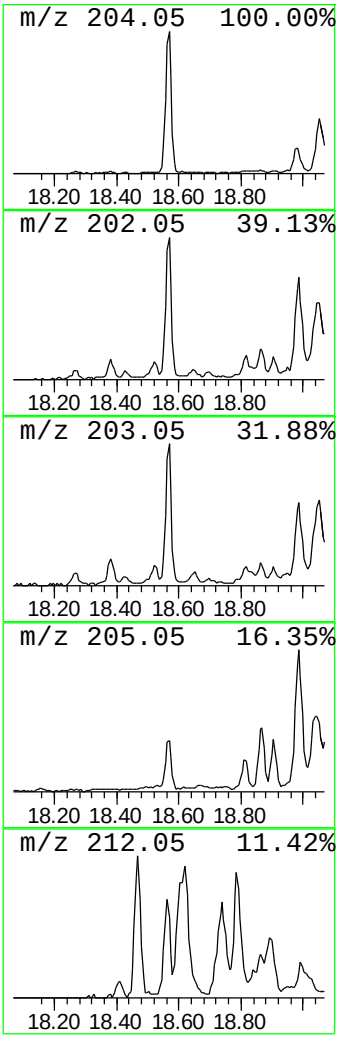
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.63 ng	281390	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	72
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	72
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

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

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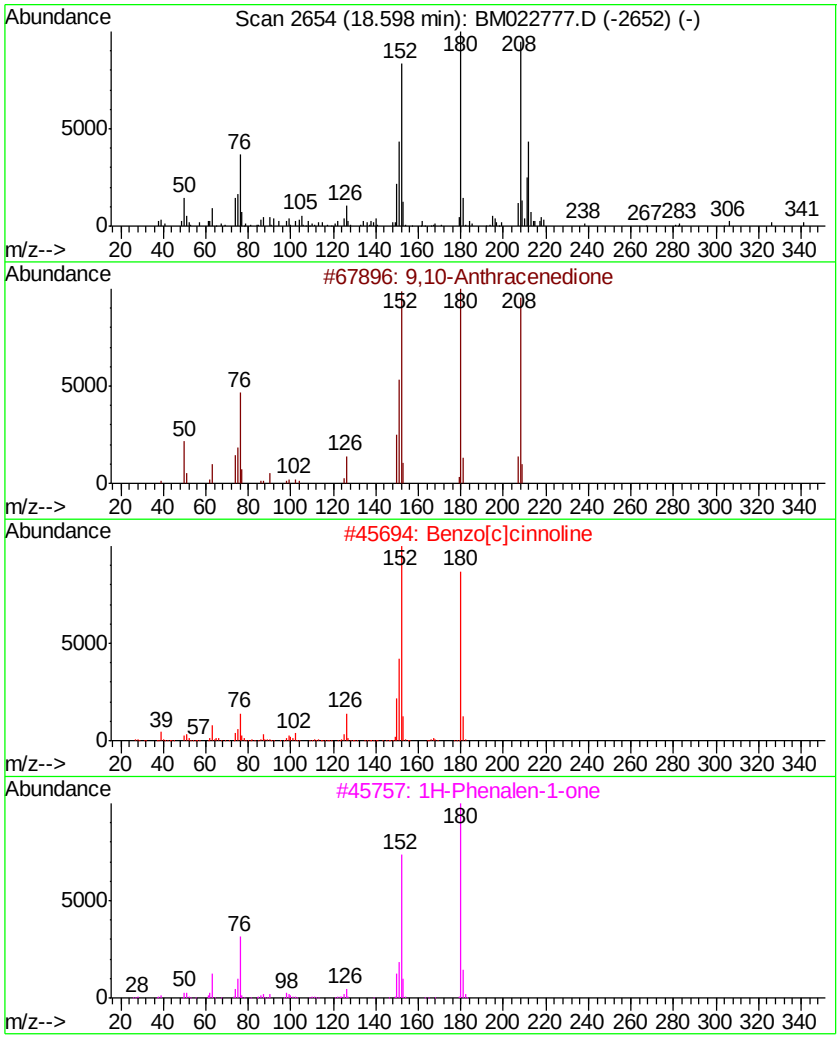
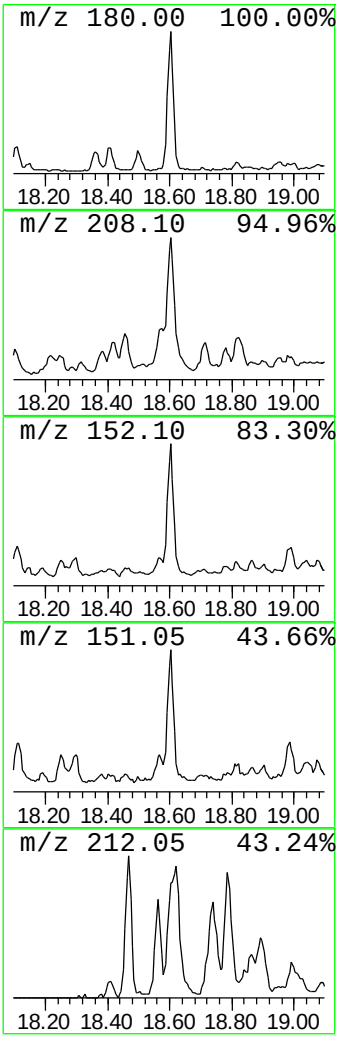
Peak Number 10 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.89 ng	309173	Phenanthrene-d10	17.19

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	55
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49





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

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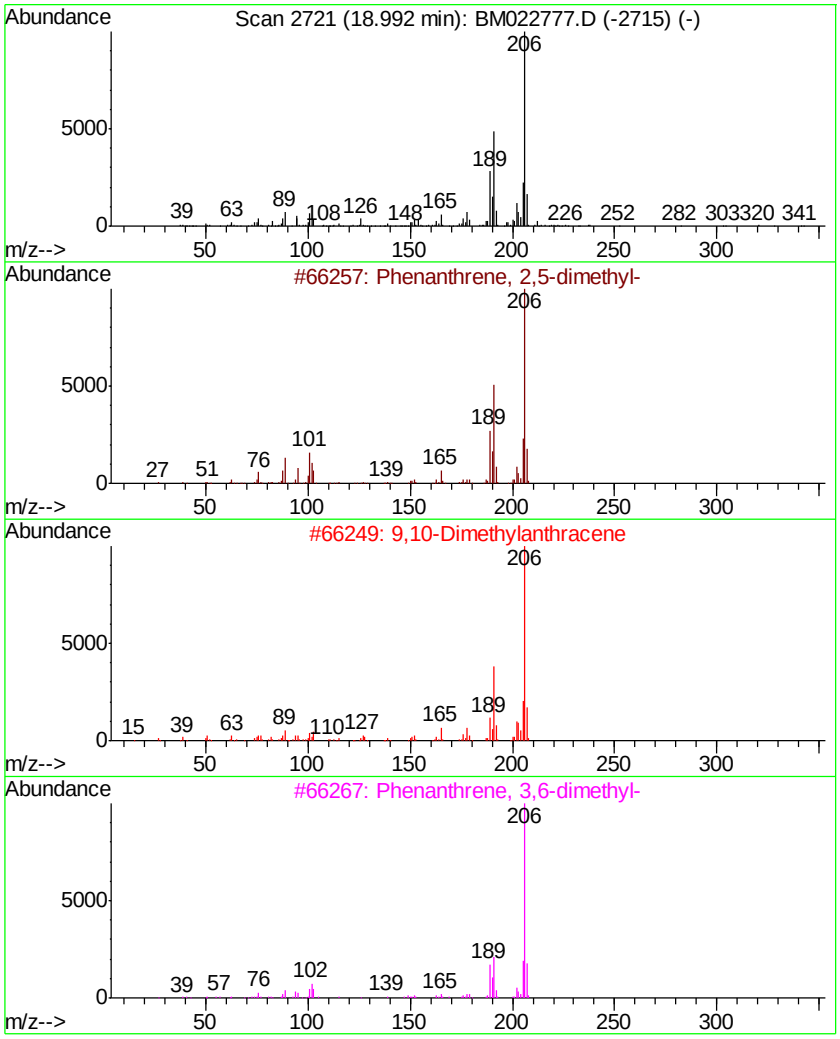
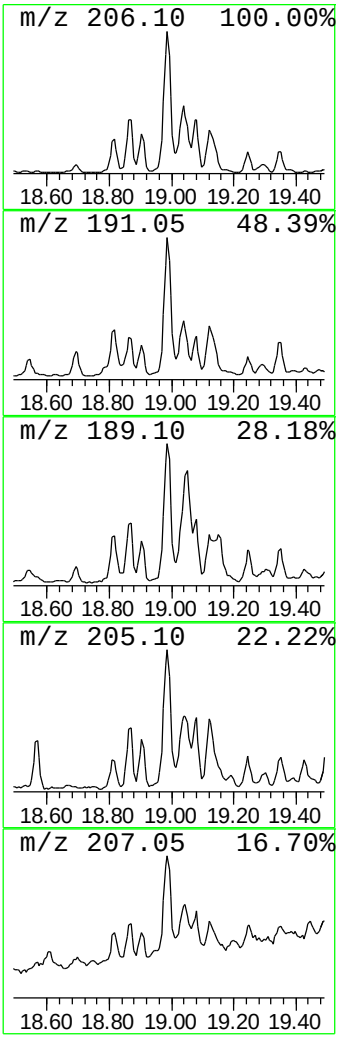
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	7.10 ng	758392	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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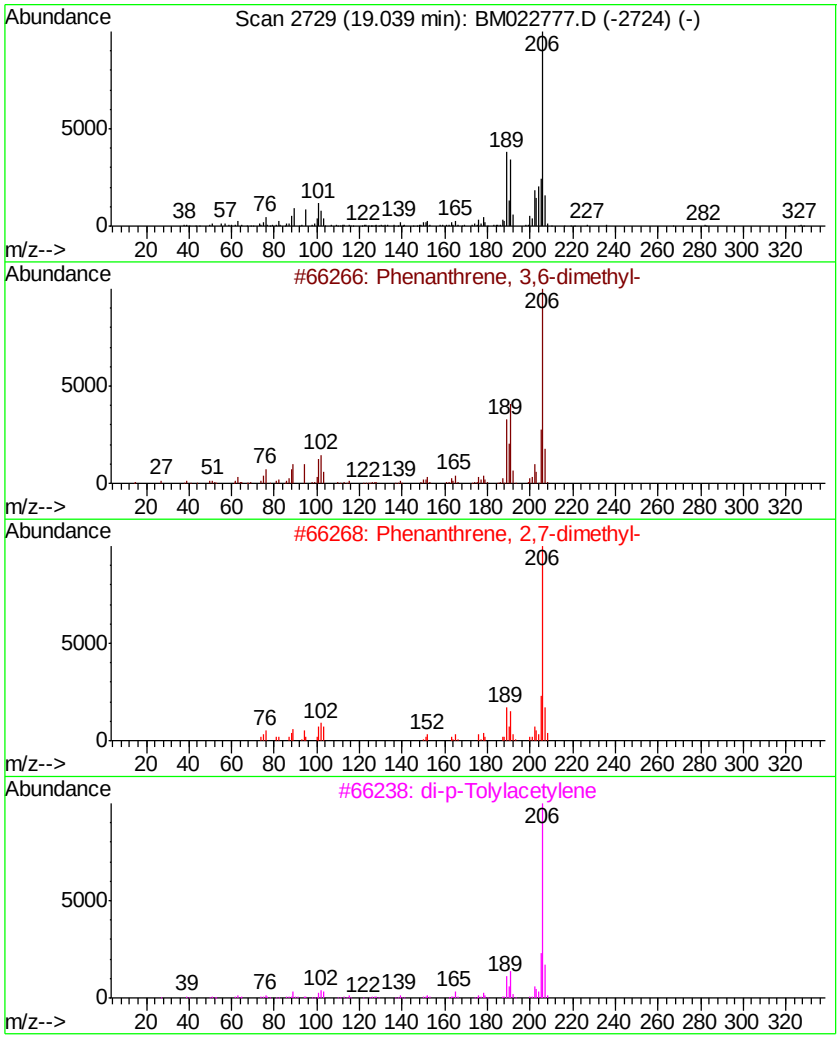
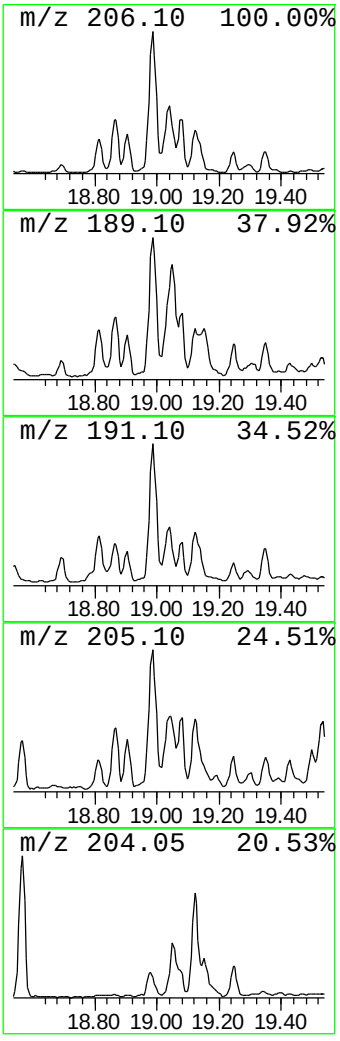
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	4.14 ng	442089	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	76
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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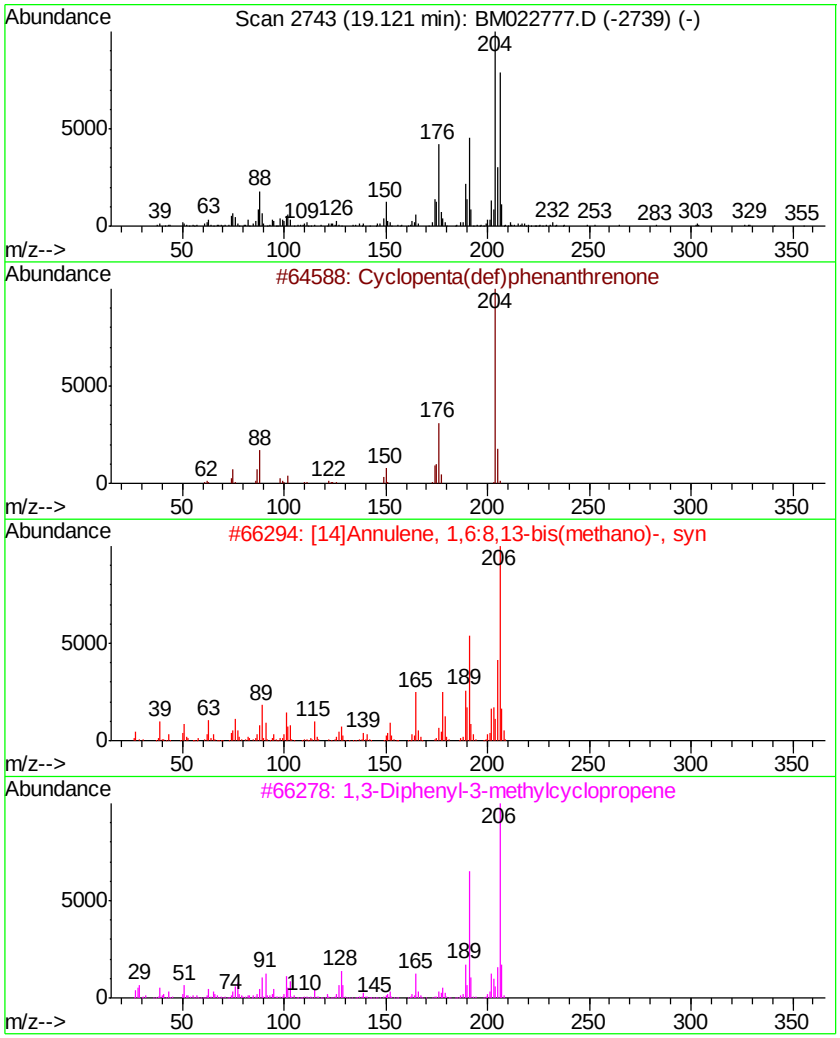
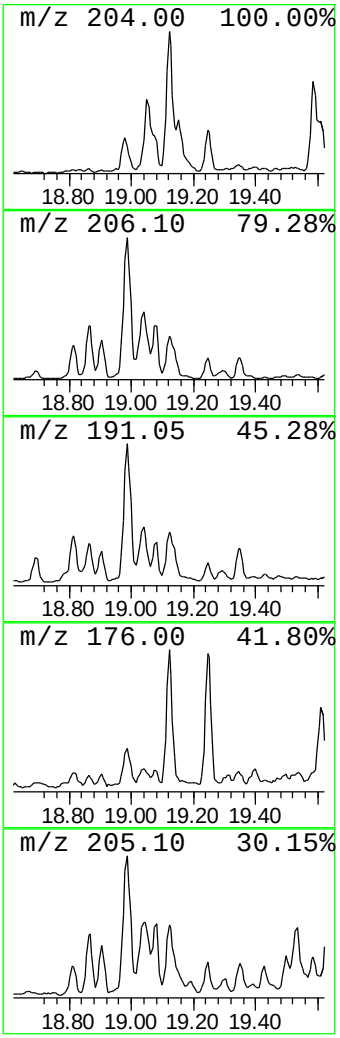
Peak Number 13 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	4.66 ng	498266	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	60
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	45





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Instrument : BNA_M
ClientSampleId : WC-10-091919

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

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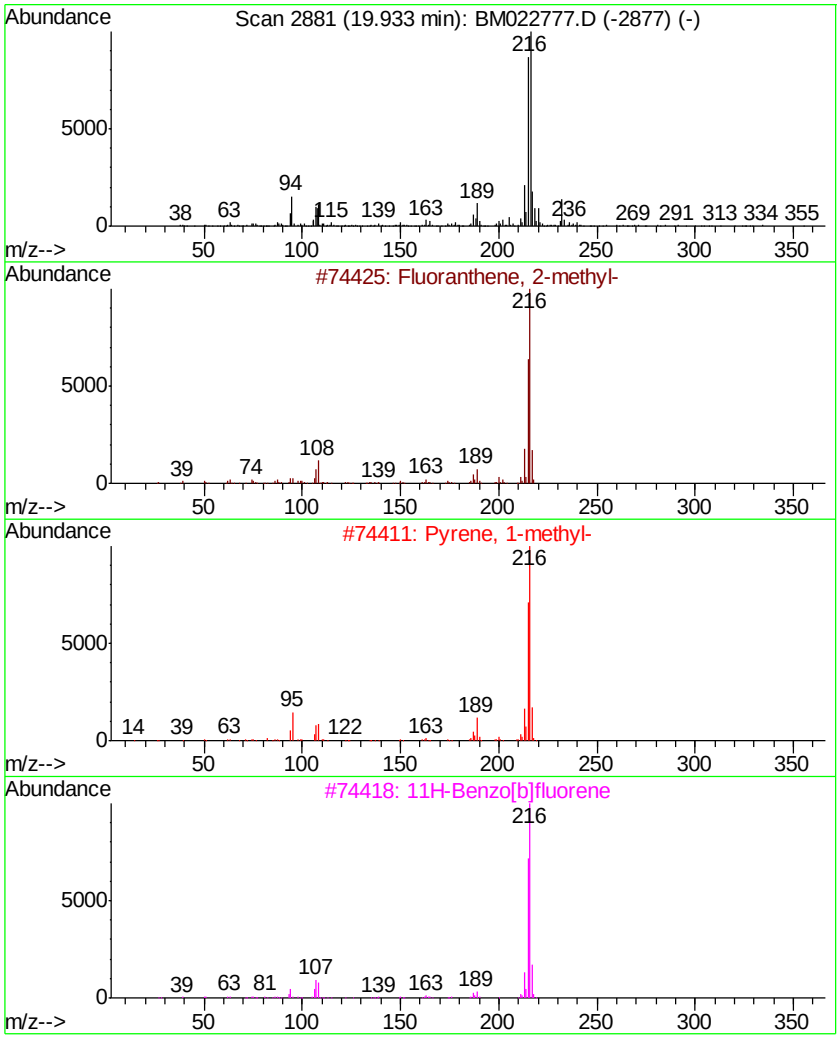
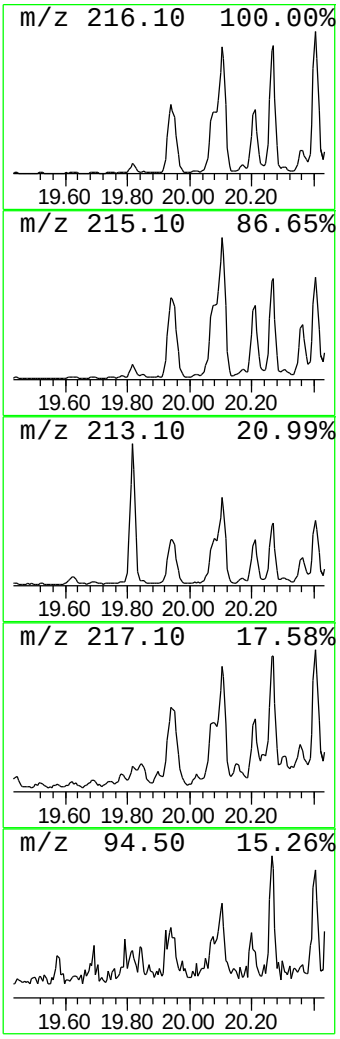
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.16 ng	757269	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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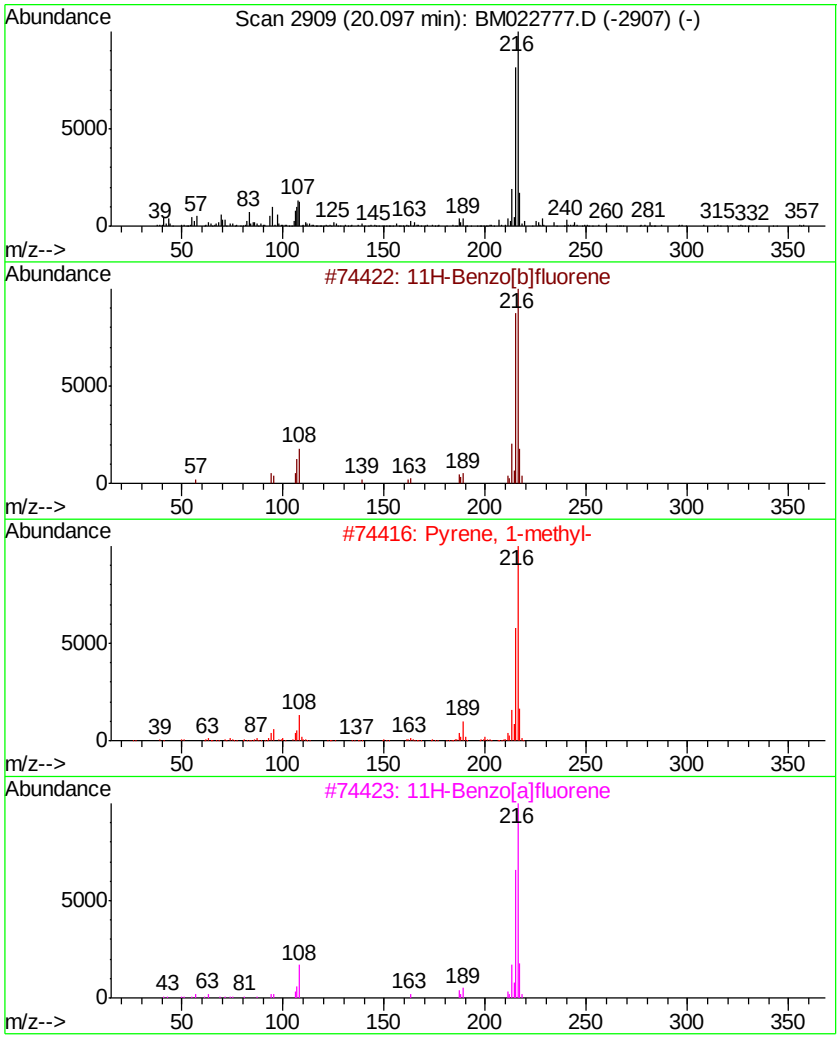
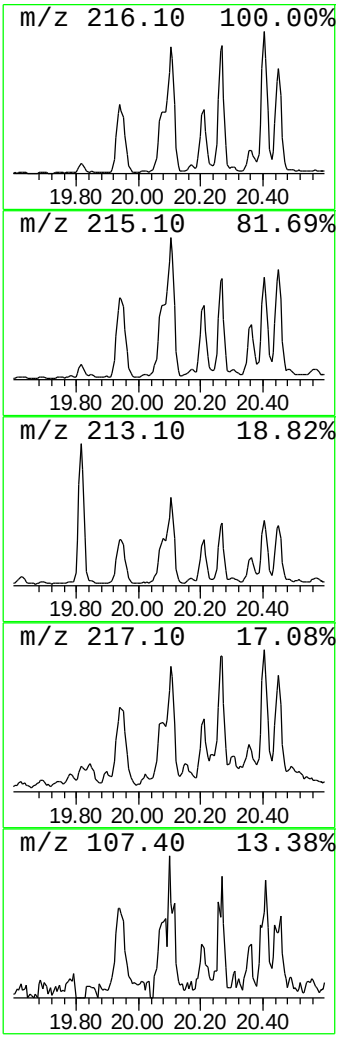
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.62 ng	628493	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Instrument : BNA_M
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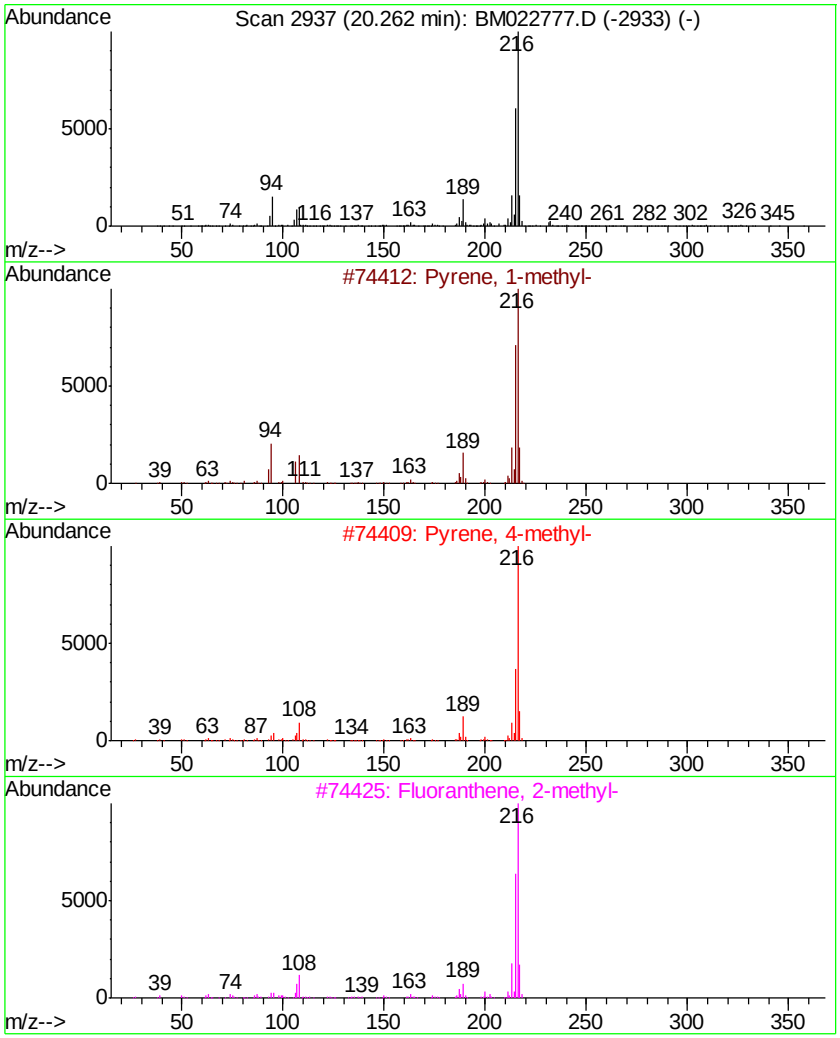
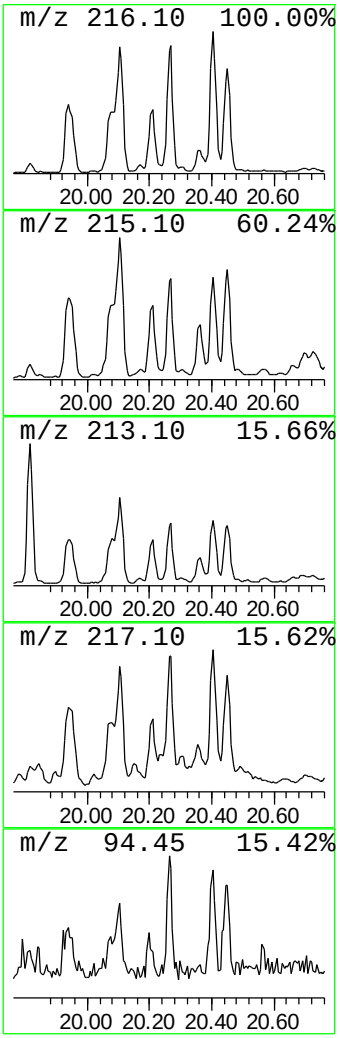
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.38 ng	569481	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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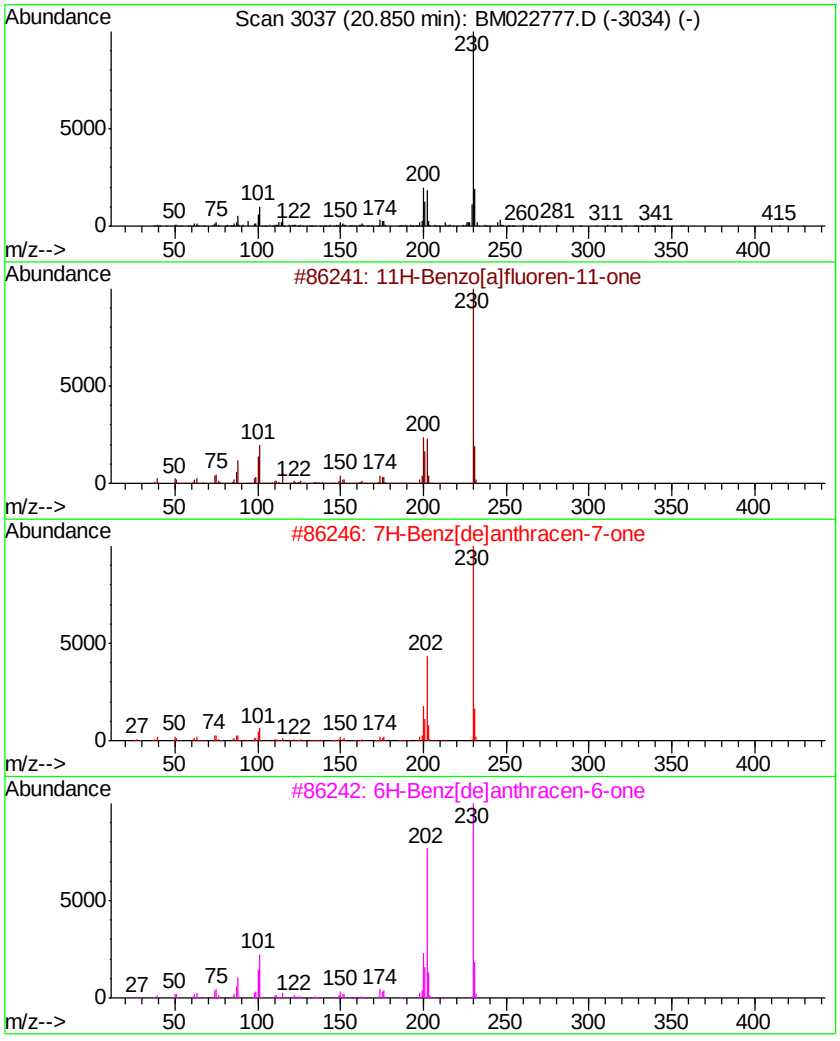
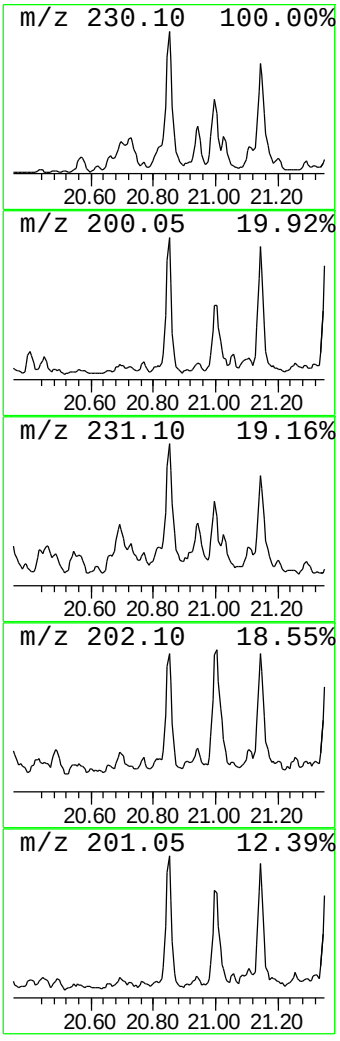
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.42 ng	579365	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	93
4	Stilbene, 2-hydroxy-4'-chloro-, ...	230	C14H11ClO	1000138-48-2	59
5	o-Terphenyl	230	C18H14	000084-15-1	58





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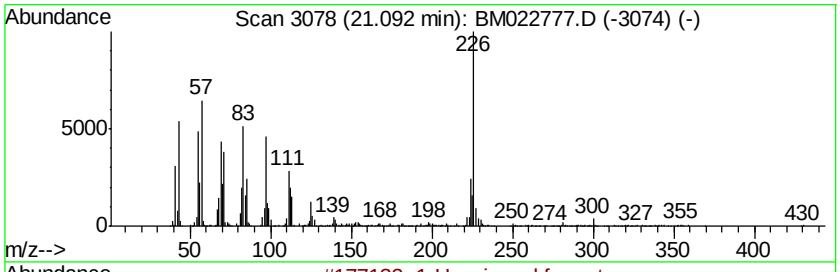
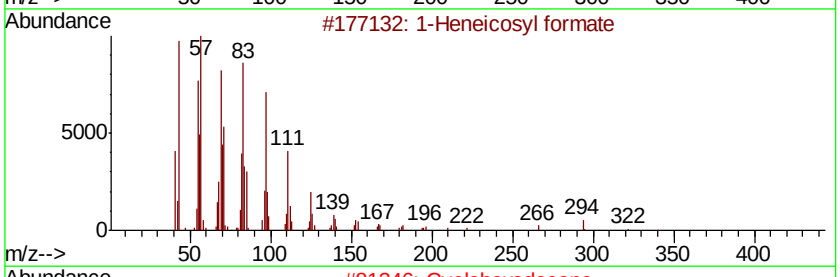
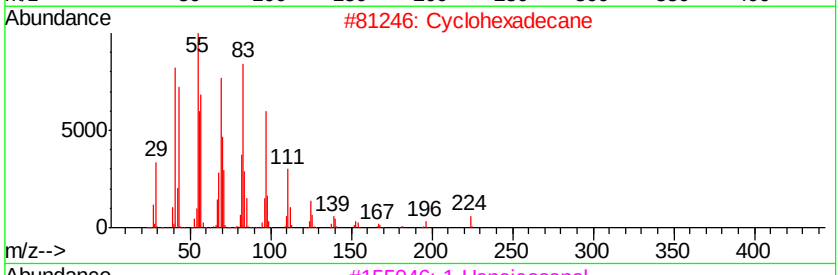
Peak Number 18 1-Heneicosyl formate Concentration Rank 9

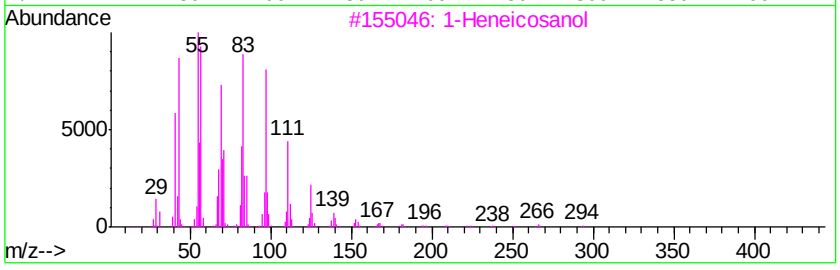
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	5.40 ng	1294170	Chrysene-d12	21.37

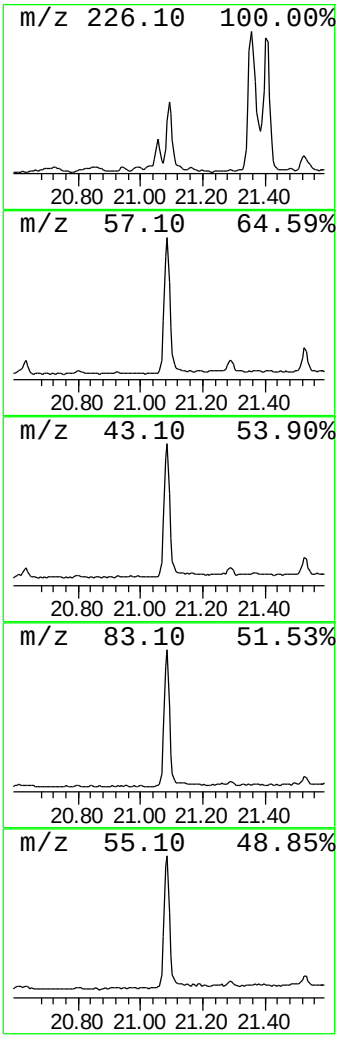
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91











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TIC Integration Parameters: LSCINT.P

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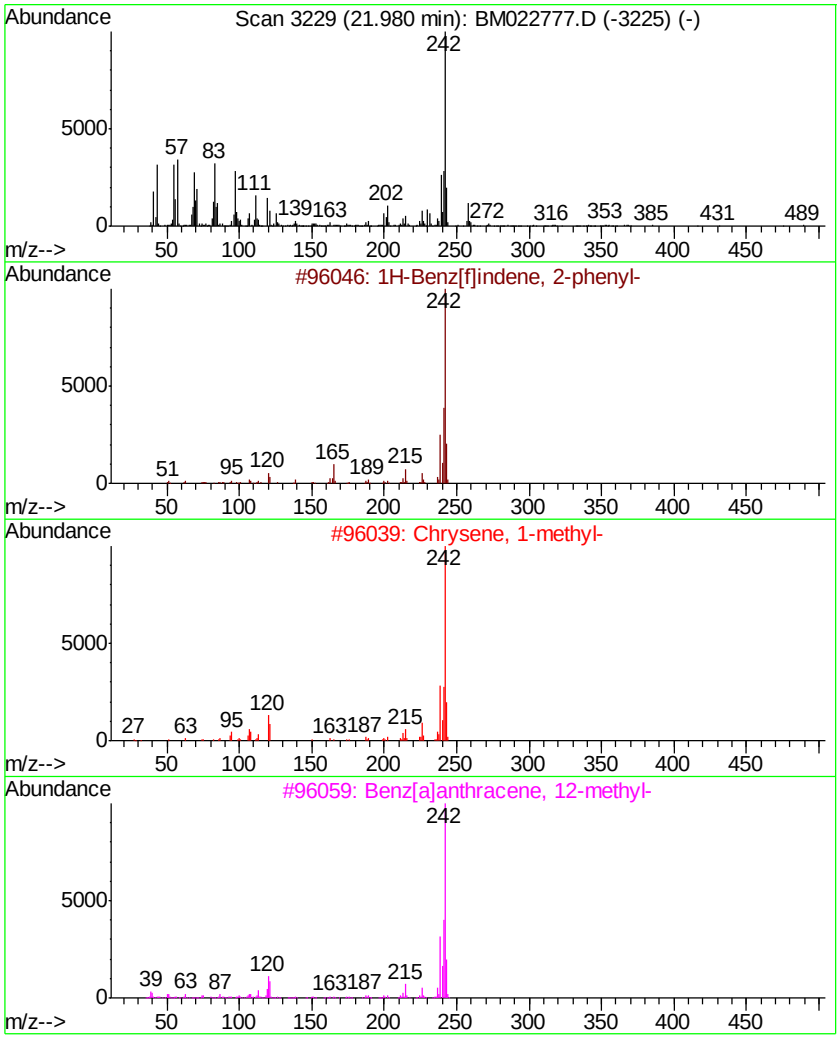
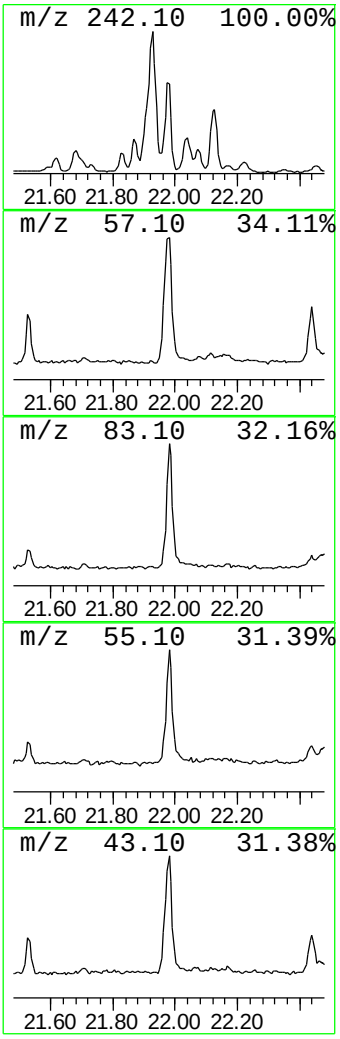
Peak Number 19 1H-Benz[f]indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	3.59 ng	861085	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	92
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	90
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022777.D
Acq On : 25 Sep 2019 18:30
Operator : JU
Sample : K4997-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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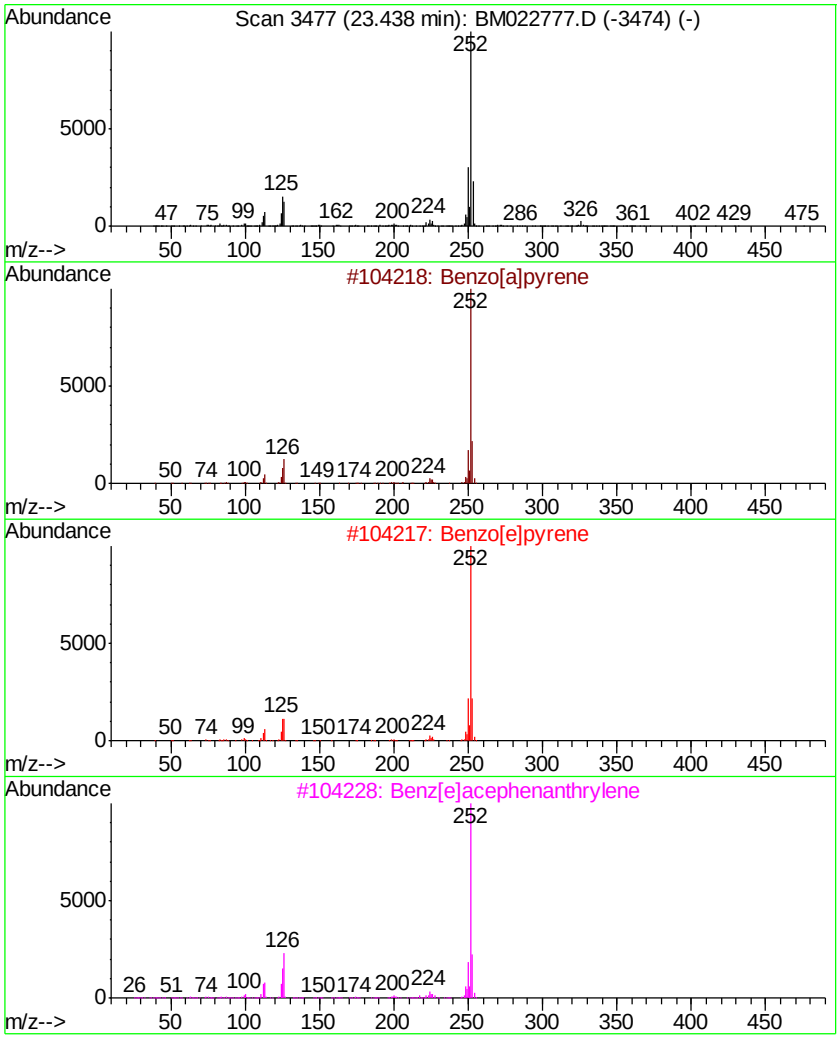
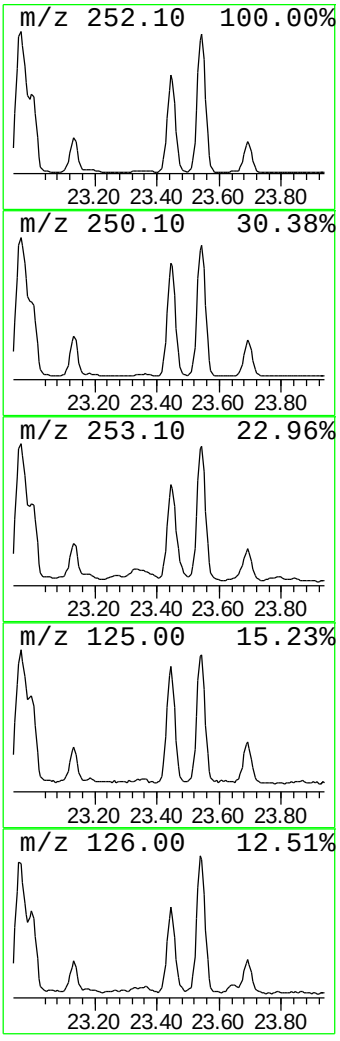
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	8.96 ng	1156000	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092519\
Data File : BM022777.D
Acq On : 25 Sep 2019 18:30
Operator : JU
Sample : K4997-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	24.6	ng	1512430	1	7.82	1228540	20.0
unknown7.36	7.36	103.8	ng	6375320	1	7.82	1228540	20.0
Phenanthrene, 2-m...	18.07	5.5	ng	591508	4	17.19	2136360	20.0
Phenanthrene, 1-m...	18.12	6.9	ng	738902	4	17.19	2136360	20.0
Anthracene, 2-met...	18.19	2.4	ng	255607	4	17.19	2136360	20.0
Naphtho[2,3-b]nor...	18.26	9.3	ng	989672	4	17.19	2136360	20.0
1H-Cyclopropa[l]p...	18.30	4.6	ng	488644	4	17.19	2136360	20.0
Naphthalene, 2-ph...	18.57	2.6	ng	281390	4	17.19	2136360	20.0
9,10-Anthracenedione	18.60	2.9	ng	309173	4	17.19	2136360	20.0
Phenanthrene, 2,5...	18.99	7.1	ng	758392	4	17.19	2136360	20.0
Phenanthrene, 3,6...	19.04	4.1	ng	442089	4	17.19	2136360	20.0
[14]Annulene, 1,6...	19.12	4.7	ng	498266	4	17.19	2136360	20.0
Fluoranthene, 2-m...	19.93	3.2	ng	757269	5	21.37	4792660	20.0
11H-Benzo[b]fluorene	20.10	2.6	ng	628493	5	21.37	4792660	20.0
Pyrene, 1-methyl-	20.26	2.4	ng	569481	5	21.37	4792660	20.0
11H-Benzo[a]fluor...	20.85	2.4	ng	579365	5	21.37	4792660	20.0
1-Heneicosyl formate	21.09	5.4	ng	1294170	5	21.37	4792660	20.0
1H-Benz[f]indene,...	21.98	3.6	ng	861085	5	21.37	4792660	20.0
Benzo[e]pyrene	23.44	9.0	ng	1156000	6	23.64	2580620	20.0