

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020202.D
 Acq On : 08 May 2019 19:33
 Operator : JU/SJ
 Sample : K2641-05 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-050719-C

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BM043019.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	5.363	397	404	414	rBV	1449198	2088654	56.29%	4.642%
2	6.951	666	674	684	rBV	1349341	2205324	59.44%	4.901%
3	7.316	729	736	751	rBV	1450610	2329429	62.78%	5.177%
4	7.781	809	815	824	rBV	636832	1040508	28.04%	2.313%
5	8.098	862	869	877	rBV	1070975	1753266	47.25%	3.897%
6	8.951	1007	1014	1025	rBV	817475	1393068	37.55%	3.096%
7	10.580	1283	1291	1297	rBV	734856	1284568	34.62%	2.855%
8	12.239	1569	1573	1582	rVB2	32751	53042	1.43%	0.118%
9	12.463	1604	1611	1618	rVB	34460	59872	1.61%	0.133%
10	13.045	1703	1710	1719	rBV	1969454	2914505	78.55%	6.478%
11	13.745	1823	1829	1834	rBV2	41254	74755	2.01%	0.166%
12	13.886	1847	1853	1860	rVV	250112	352415	9.50%	0.783%
13	14.151	1891	1898	1904	rBV	85623	139075	3.75%	0.309%
14	14.427	1935	1945	1952	rBV2	1080628	1682057	45.34%	3.738%
15	14.492	1952	1956	1963	rVB2	123407	191804	5.17%	0.426%
16	14.827	2007	2013	2020	rVV2	91124	145568	3.92%	0.324%
17	15.033	2043	2048	2055	rBV5	21284	41208	1.11%	0.092%
18	15.474	2118	2123	2135	rVB	167656	272462	7.34%	0.606%
19	15.768	2169	2173	2179	rVB2	33211	55531	1.50%	0.123%
20	15.921	2190	2199	2209	rBV	1538641	2329954	62.80%	5.178%
21	16.151	2235	2238	2242	rVB5	24958	40705	1.10%	0.090%
22	16.480	2284	2294	2298	rBV2	49574	114897	3.10%	0.255%
23	16.527	2298	2302	2306	rBV3	22447	37294	1.01%	0.083%
24	16.633	2315	2320	2324	rVB3	31880	46920	1.26%	0.104%
25	16.827	2350	2353	2361	rVB5	23060	40829	1.10%	0.091%
26	16.909	2361	2367	2372	rVV7	27453	59306	1.60%	0.132%
27	16.998	2376	2382	2388	rVB	76183	128853	3.47%	0.286%
28	17.174	2406	2412	2416	rBV2	1275645	1908136	51.43%	4.241%
29	17.215	2416	2419	2428	rVV	999294	1419359	38.26%	3.155%
30	17.309	2430	2435	2440	rVV	363404	509864	13.74%	1.133%
31	17.374	2443	2446	2451	rVB3	32458	45597	1.23%	0.101%
32	17.586	2477	2482	2490	rVB	74364	110612	2.98%	0.246%
33	17.756	2507	2511	2517	rVB3	45401	67414	1.82%	0.150%
34	18.056	2556	2562	2565	rBV2	300539	477037	12.86%	1.060%

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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
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	18.098	2565	2569	2574	rVB	221905	322538	8.69%	0.717%
36	18.180	2578	2583	2588	rVV	99510	138878	3.74%	0.309%
37	18.251	2588	2595	2598	rVV4	283423	530508	14.30%	1.179%
38	18.280	2598	2600	2606	rVB	120813	151956	4.10%	0.338%
39	18.356	2609	2613	2617	rBV6	25565	47110	1.27%	0.105%
40	18.550	2642	2646	2650	rBV	97401	143107	3.86%	0.318%
41	18.598	2652	2654	2658	rVB4	44206	53286	1.44%	0.118%
42	18.850	2693	2697	2699	rVV	55685	70633	1.90%	0.157%
43	18.886	2700	2703	2706	rVB2	45951	57010	1.54%	0.127%
44	18.968	2712	2717	2721	rBV	137354	246111	6.63%	0.547%
45	19.109	2738	2741	2747	rBV4	59267	128030	3.45%	0.285%
46	19.233	2757	2762	2768	rBV	1597359	2180737	58.78%	4.847%
47	19.339	2776	2780	2783	rBV3	65725	92064	2.48%	0.205%
48	19.568	2814	2819	2821	rBV2	273669	438770	11.83%	0.975%
49	19.597	2821	2824	2833	rVV	1412732	2003405	54.00%	4.453%
50	19.674	2833	2837	2843	rVV2	94389	152064	4.10%	0.338%
51	19.797	2853	2858	2864	rBV	2716597	3611234	97.33%	8.026%
52	20.092	2905	2908	2913	rVB	290489	423010	11.40%	0.940%
53	20.192	2922	2925	2929	rBV	254208	321868	8.68%	0.715%
54	20.392	2956	2959	2962	rBV	115919	138475	3.73%	0.308%
55	21.056	3069	3072	3076	rBV2	302097	355275	9.58%	0.790%
56	21.362	3117	3124	3128	rBV2	1987033	3710225	100.00%	8.246%
57	21.397	3128	3130	3137	rVB	788942	953559	25.70%	2.119%
58	22.538	3321	3324	3331	rVB	392652	521957	14.07%	1.160%
59	23.550	3493	3496	3502	rVB	572514	1013677	27.32%	2.253%
60	23.656	3509	3514	3520	rBV	1027047	1774700	47.83%	3.944%

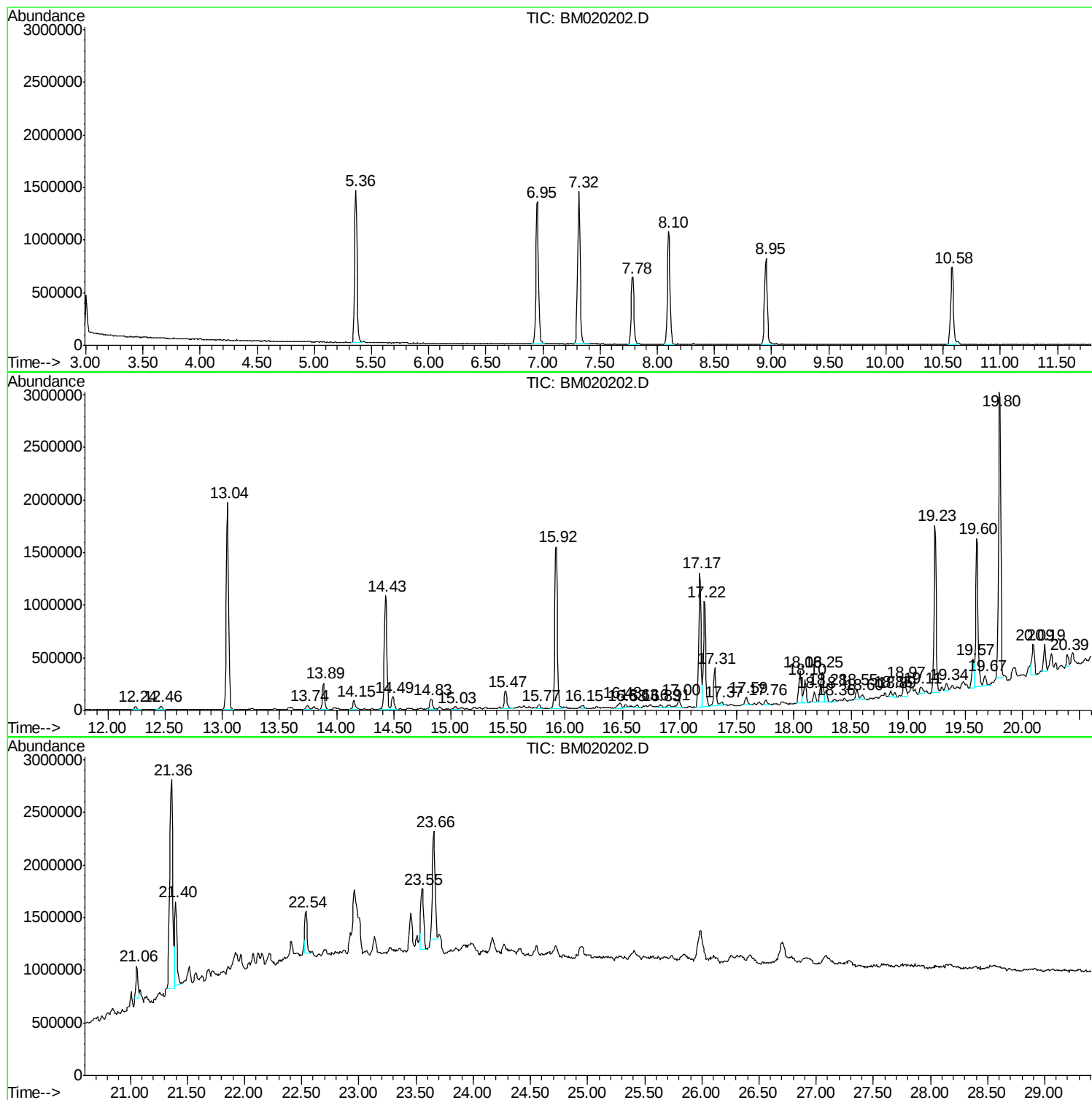
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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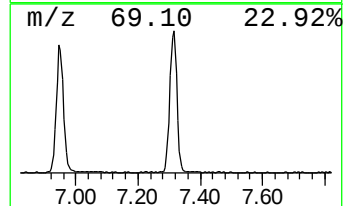
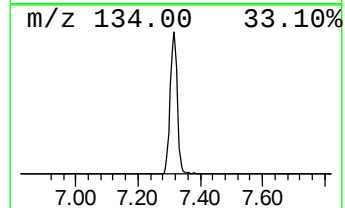
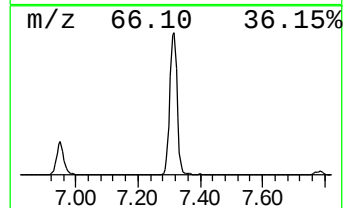
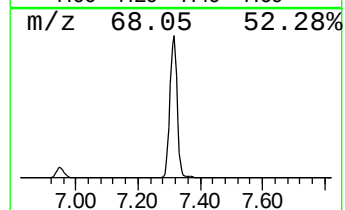
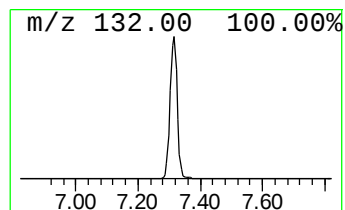
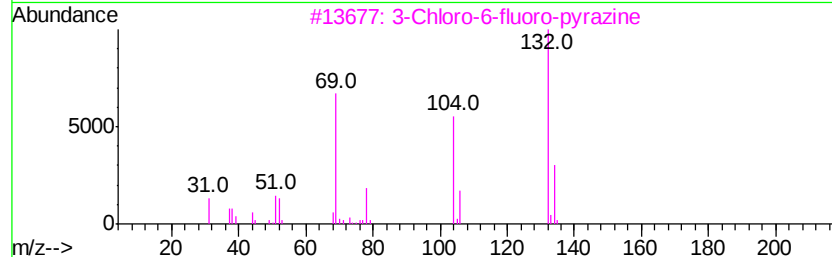
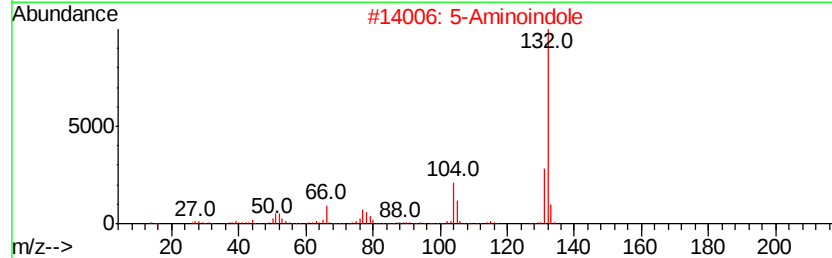
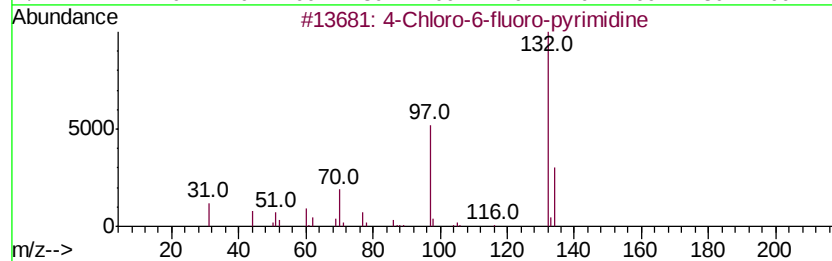
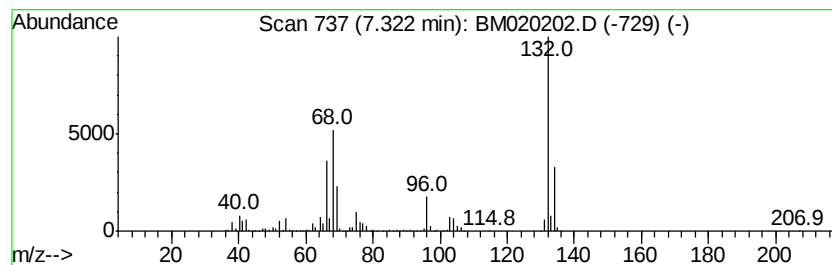
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	44.77 ng	2329430	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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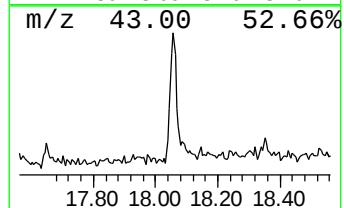
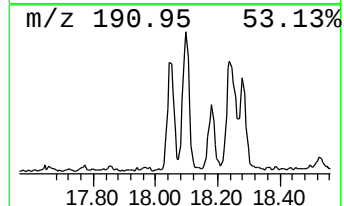
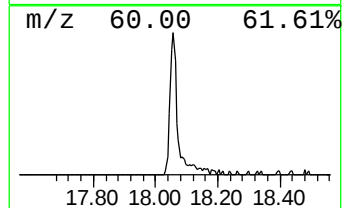
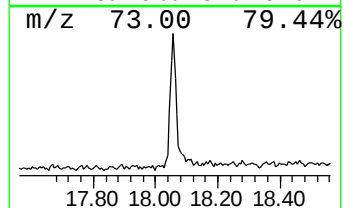
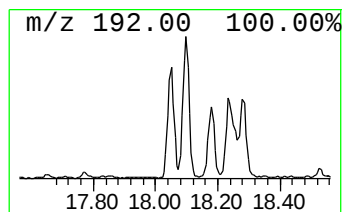
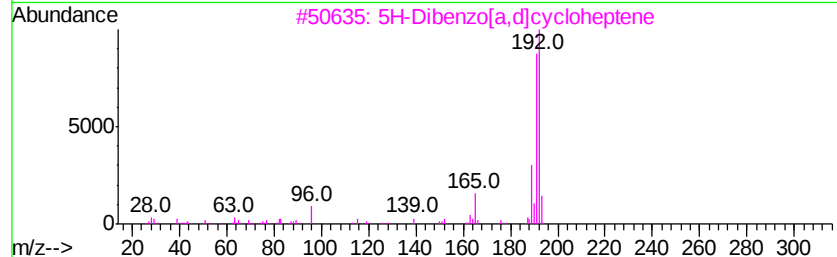
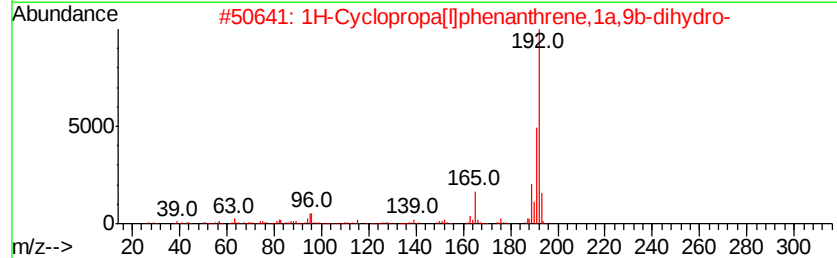
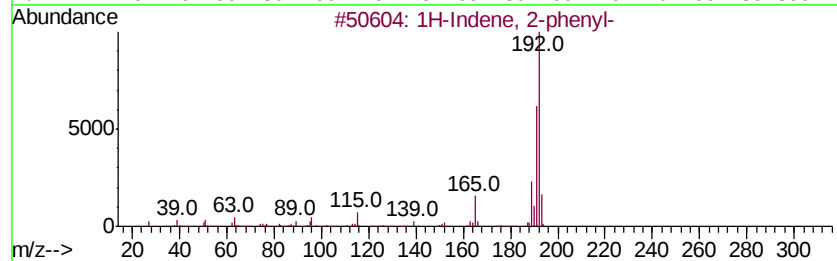
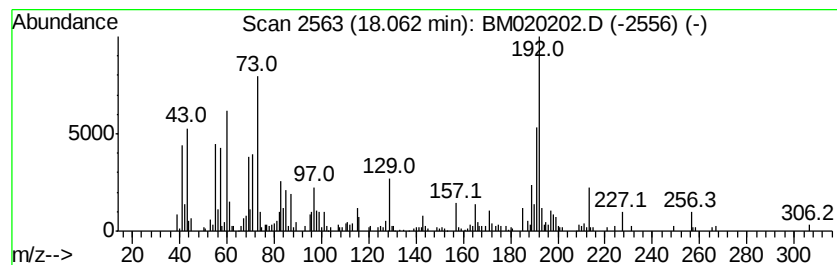
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.06	5.00 ng	477037	Phenanthrene-d10	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78



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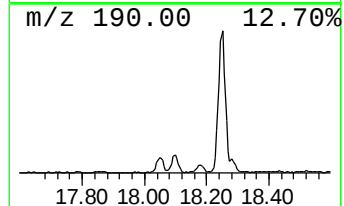
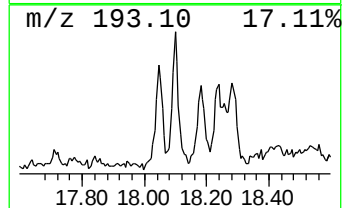
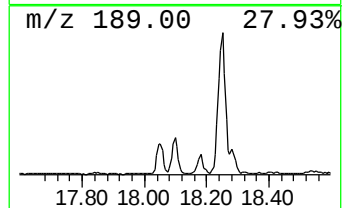
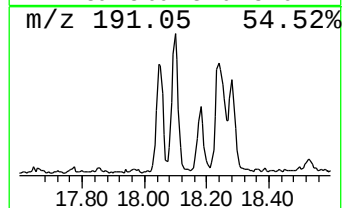
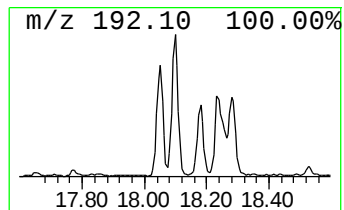
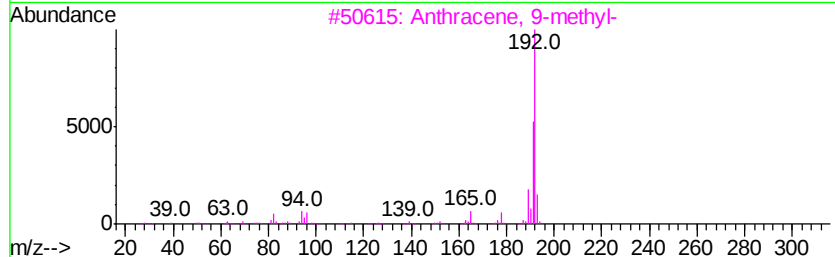
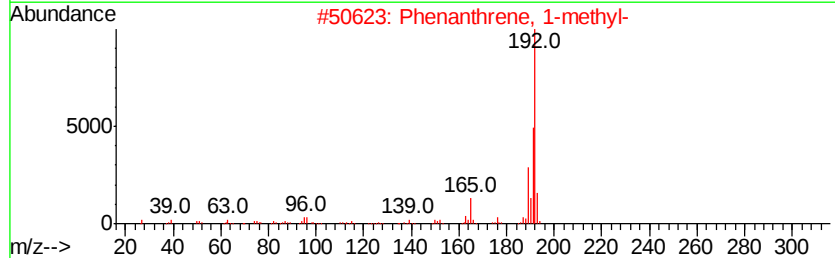
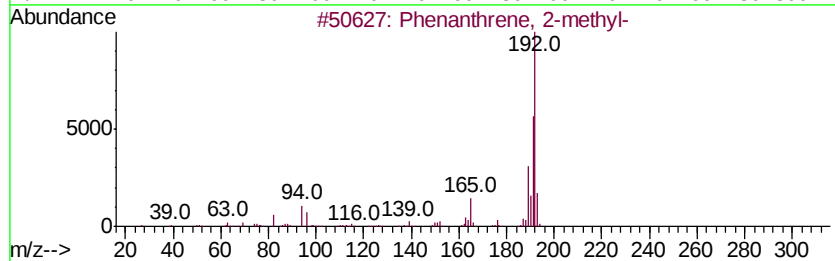
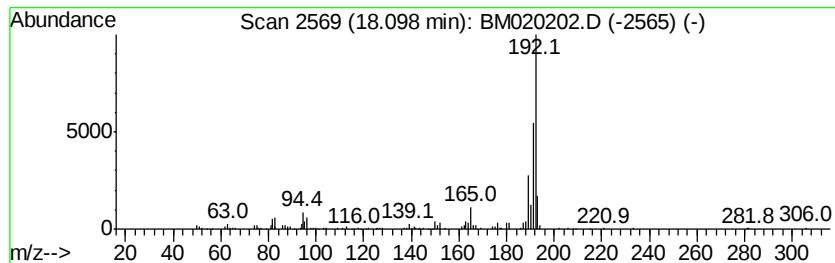
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.38 ng	322538	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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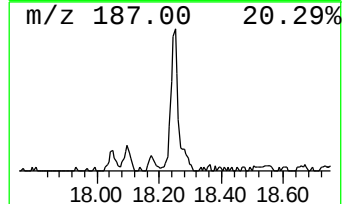
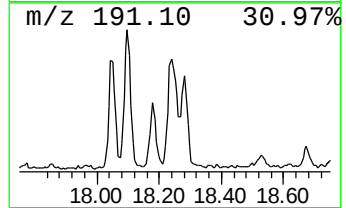
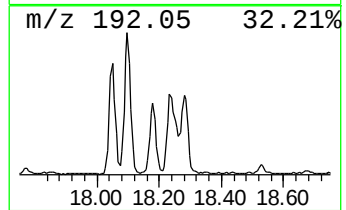
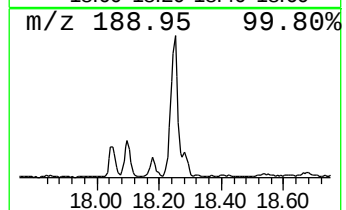
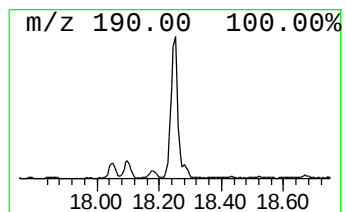
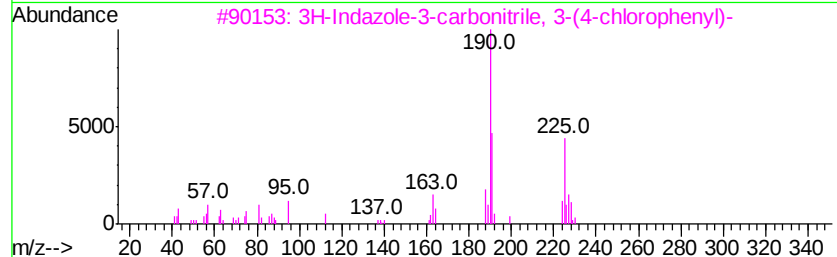
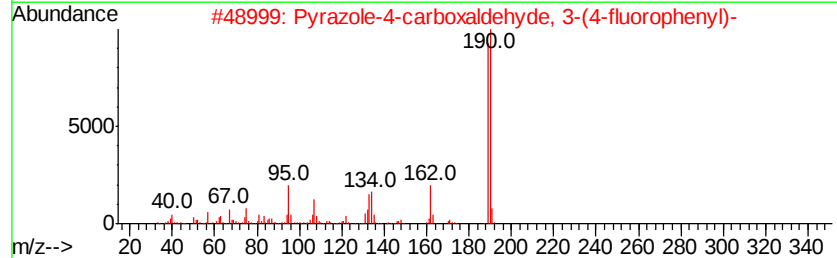
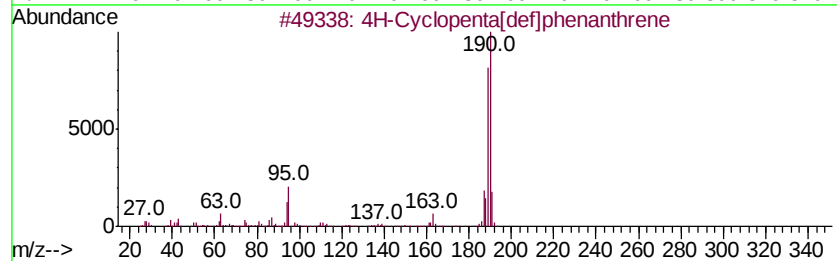
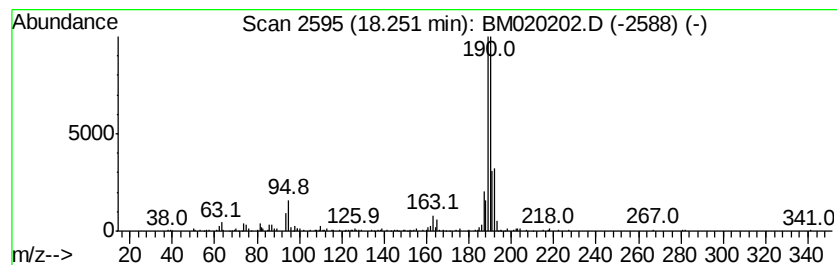
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.25	5.56 ng	530508	Phenanthrene-d10	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	40
3	3H-Indazole-3-carbonitrile, 3-(4-...	253	C14H8ClN3	056630-97-8	32
4	Benzo[1,2-b:4,3-b']dithiophene	190	C10H6S2	000210-80-0	25
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25



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CL-02-050719-C

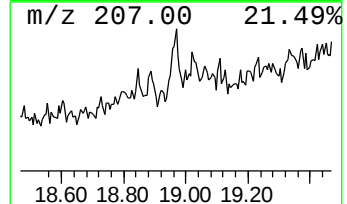
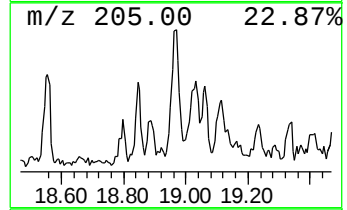
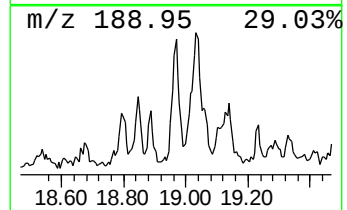
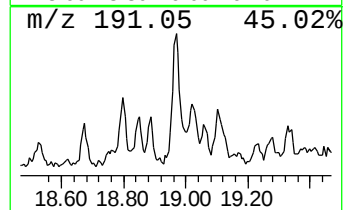
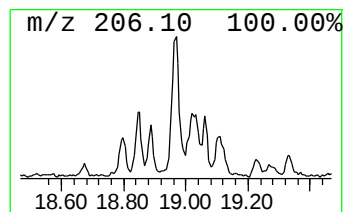
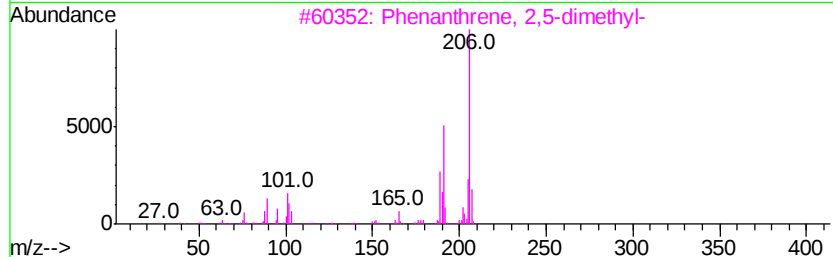
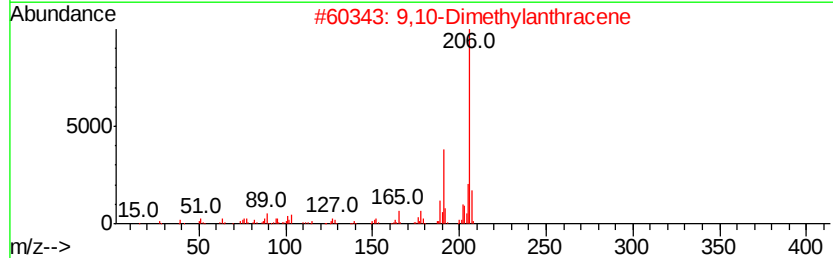
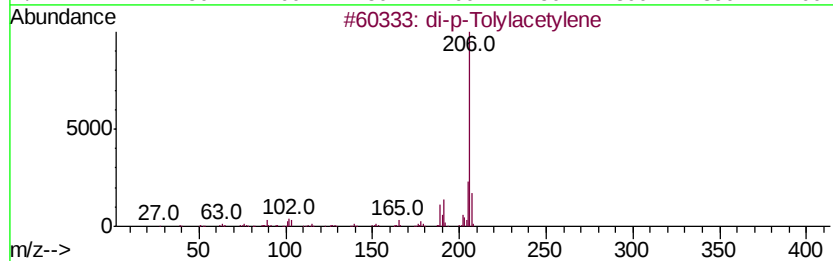
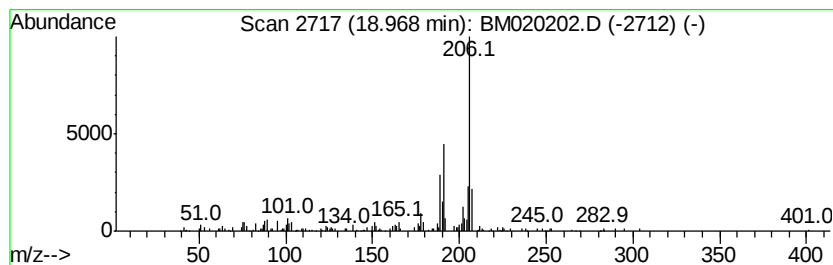
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	2.58 ng	246111	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020202.D
Acq On : 08 May 2019 19:33
Operator : JU/SJ
Sample : K2641-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

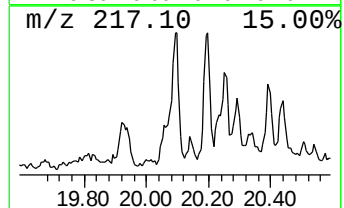
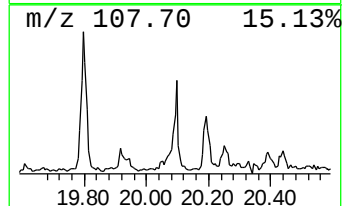
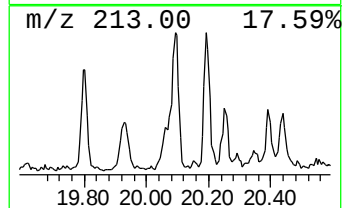
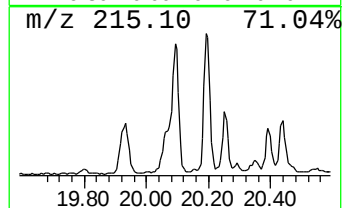
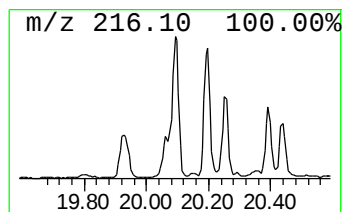
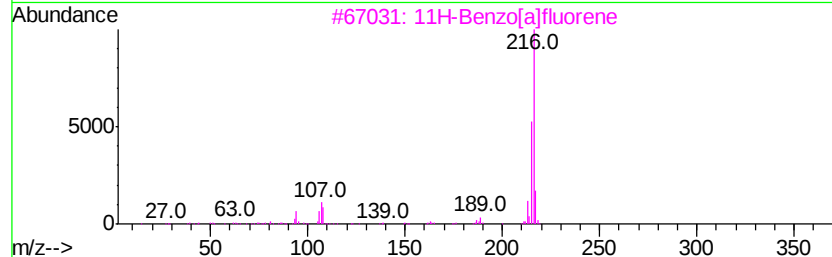
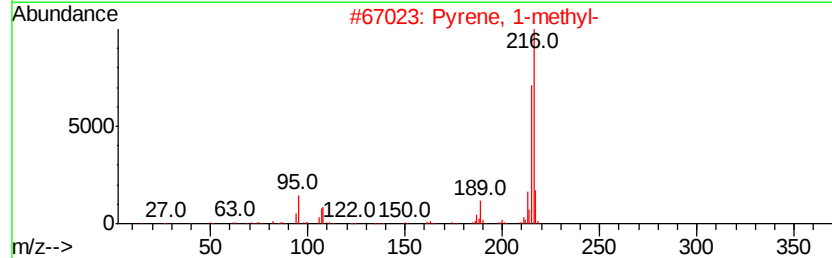
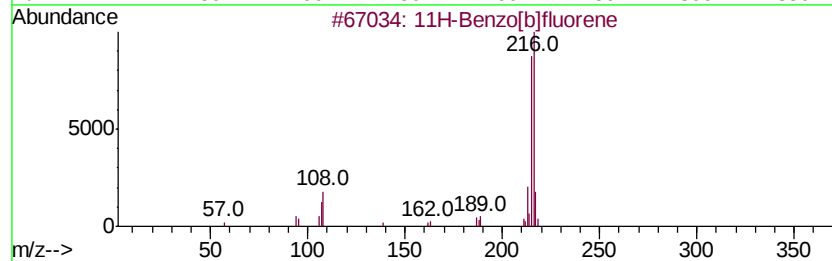
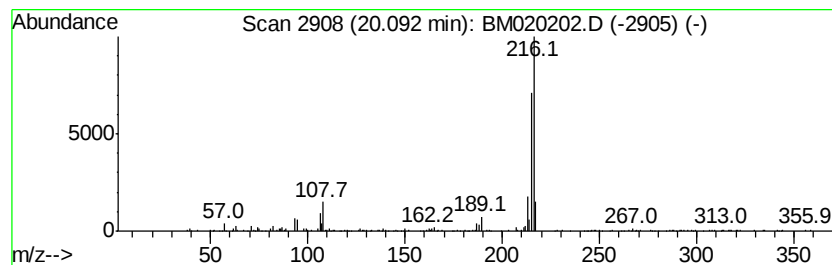
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.28 ng	423010	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020202.D
Acq On : 08 May 2019 19:33
Operator : JU/SJ
Sample : K2641-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

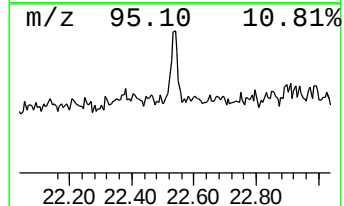
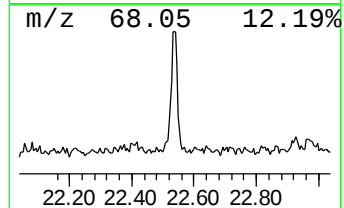
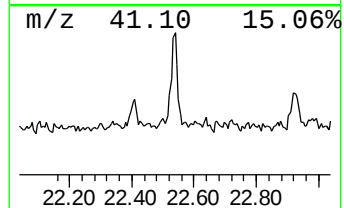
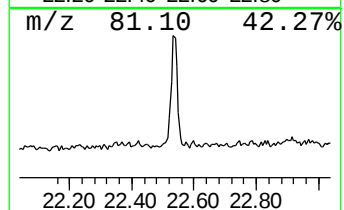
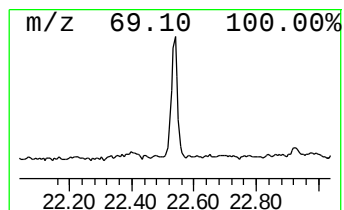
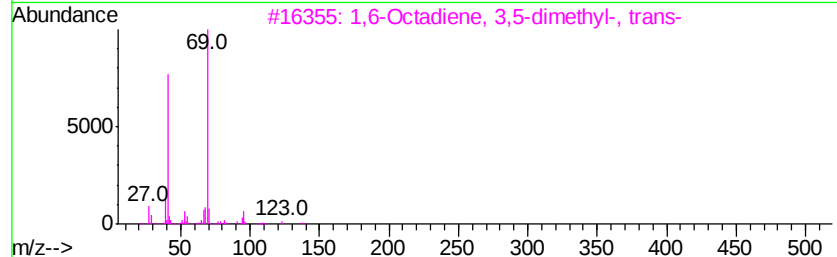
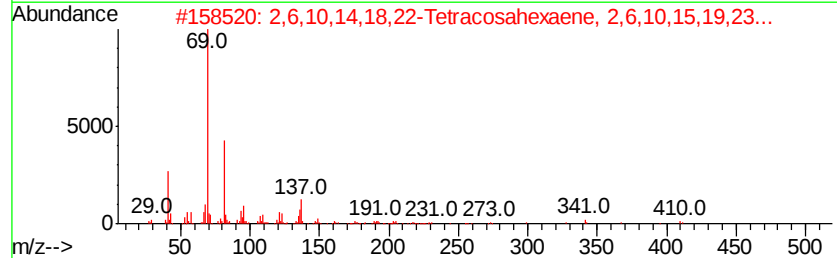
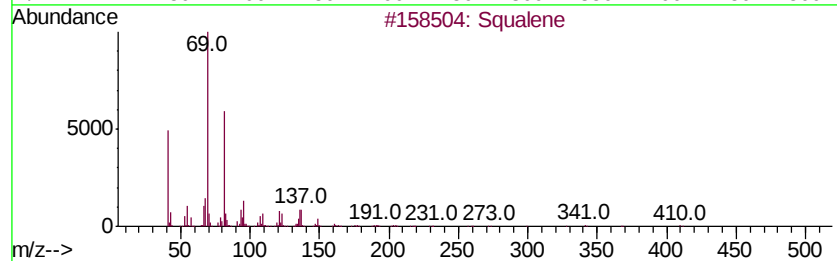
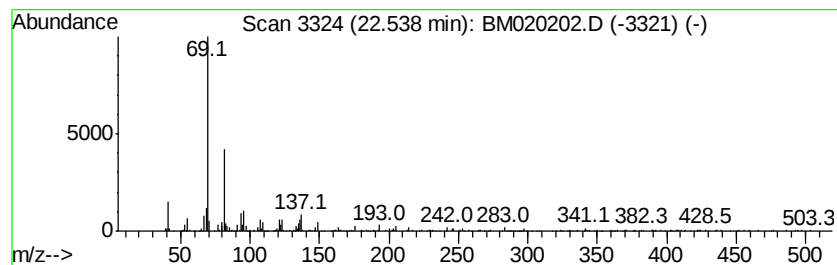
Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	5.88 ng	521957	Perylene-d12	23.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	94
2	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	81
3	1,6-Octadiene, 3,5-dimethyl-, tr...	138 C10H18	074630-87-8	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H240	125529-10-4	64
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H260	000106-28-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050819\
Data File : BM020202.D
Acq On : 08 May 2019 19:33
Operator : JU/SJ
Sample : K2641-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.32	7.32	44.8	ng	2329430	1	7.79	1040510	20.0
1H-Indene, 2-phenyl-	18.06	5.0	ng	477037	4	17.17	1908140	20.0
Phenanthrene, 2-m...	18.10	3.4	ng	322538	4	17.17	1908140	20.0
4H-Cyclopenta[def...	18.25	5.6	ng	530508	4	17.17	1908140	20.0
di-p-Tolylacetylene	18.97	2.6	ng	246111	4	17.17	1908140	20.0
11H-Benzo[b]fluorene	20.09	2.3	ng	423010	5	21.36	3710230	20.0
Squalene	22.54	5.9	ng	521957	6	23.66	1774700	20.0