

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020564.D
 Acq On : 25 May 2019 05:08
 Operator : JU/SJ
 Sample : K2643-11 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-B

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-BM052419.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	5.246	378	384	404	rBV	496287	902828	38.04%	4.335%
2	6.840	649	655	674	rBV	484631	1012255	42.65%	4.861%
3	7.192	708	715	730	rBV	589806	1091236	45.98%	5.240%
4	7.657	788	794	809	rBV	298261	570938	24.06%	2.741%
5	7.975	841	848	858	rBV	487192	809468	34.11%	3.887%
6	8.834	987	994	1016	rBV	263216	615971	25.96%	2.958%
7	10.451	1262	1269	1283	rBV	413112	778427	32.80%	3.738%
8	11.851	1500	1507	1513	rBV4	12913	28576	1.20%	0.137%
9	12.345	1586	1591	1599	rVB	19809	35684	1.50%	0.171%
10	12.816	1666	1671	1676	rVB2	18426	30468	1.28%	0.146%
11	12.927	1684	1690	1707	rBV	932322	1517119	63.93%	7.285%
12	13.110	1715	1721	1727	rBV5	14991	27190	1.15%	0.131%
13	13.492	1778	1786	1791	rBV4	14195	32502	1.37%	0.156%
14	13.633	1804	1810	1815	rBV	34333	61930	2.61%	0.297%
15	13.686	1815	1819	1827	rVB4	23305	41562	1.75%	0.200%
16	13.774	1827	1834	1839	rBV	93249	144654	6.10%	0.695%
17	14.039	1873	1879	1889	rBV	59929	100682	4.24%	0.483%
18	14.192	1900	1905	1912	rVB3	17845	29657	1.25%	0.142%
19	14.316	1920	1926	1934	rBV2	759282	1189806	50.14%	5.713%
20	14.380	1934	1937	1947	rVB2	22915	40664	1.71%	0.195%
21	14.533	1956	1963	1969	rBV4	17034	36074	1.52%	0.173%
22	14.716	1986	1994	2003	rVB7	18666	48521	2.04%	0.233%
23	14.792	2003	2007	2015	rBV3	22299	40789	1.72%	0.196%
24	14.927	2025	2030	2037	rBV5	21686	40703	1.72%	0.195%
25	15.151	2063	2068	2072	rVB5	18552	27064	1.14%	0.130%
26	15.368	2100	2105	2109	rBV3	26075	51922	2.19%	0.249%
27	15.657	2148	2154	2160	rVB5	11704	23921	1.01%	0.115%
28	15.815	2175	2181	2199	rVB	963540	1538911	64.85%	7.389%
29	16.039	2211	2219	2224	rBV5	35300	78375	3.30%	0.376%
30	16.362	2268	2274	2275	rBV6	21576	35007	1.48%	0.168%
31	16.427	2280	2285	2289	rVV2	22834	36467	1.54%	0.175%
32	16.521	2298	2301	2305	rVB4	20568	28655	1.21%	0.138%
33	16.809	2345	2350	2354	rBV4	24124	37609	1.58%	0.181%
34	16.857	2354	2358	2361	rVV2	27527	41582	1.75%	0.200%

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35	16.892	2361	2364	2370	rVB	29210	45022	1.90%	0.216%
36	17.074	2388	2395	2399	rBV	957610	1525432	64.28%	7.325%
37	17.115	2399	2402	2413	rVB	237049	389299	16.40%	1.869%
38	17.209	2413	2418	2425	rBV	49548	95900	4.04%	0.460%
39	17.345	2437	2441	2448	rVB8	11906	26973	1.14%	0.130%
40	17.545	2472	2475	2479	rVB3	26400	31836	1.34%	0.153%
41	17.651	2489	2493	2500	rVB	30595	52087	2.19%	0.250%
42	17.798	2513	2518	2523	rBV2	22447	50698	2.14%	0.243%
43	17.945	2538	2543	2547	rBV	116008	213085	8.98%	1.023%
44	17.992	2548	2551	2557	rVB	117256	176555	7.44%	0.848%
45	18.080	2562	2566	2570	rVV	45169	79311	3.34%	0.381%
46	18.133	2570	2575	2580	rVV2	128196	275749	11.62%	1.324%
47	18.174	2580	2582	2590	rVB	77015	118754	5.00%	0.570%
48	18.245	2590	2594	2599	rBV5	20904	34990	1.47%	0.168%
49	18.451	2626	2629	2633	rVB2	23229	30113	1.27%	0.145%
50	18.745	2676	2679	2683	rBV	45367	61820	2.60%	0.297%
51	18.780	2683	2685	2689	rVB2	34193	46663	1.97%	0.224%
52	18.868	2695	2700	2704	rBV	139332	246778	10.40%	1.185%
53	19.009	2720	2724	2731	rBV4	48719	147618	6.22%	0.709%
54	19.133	2741	2745	2750	rBV	278880	410192	17.28%	1.970%
55	19.462	2799	2801	2803	rBV2	47422	53661	2.26%	0.258%
56	19.498	2803	2807	2815	rVB	349291	548540	23.11%	2.634%
57	19.703	2837	2842	2857	rBV	1750816	2373129	100.00%	11.395%
58	21.262	3102	3107	3112	rBV	1060726	1579584	66.56%	7.585%
59	23.503	3483	3488	3494	rBV	622159	1084810	45.71%	5.209%

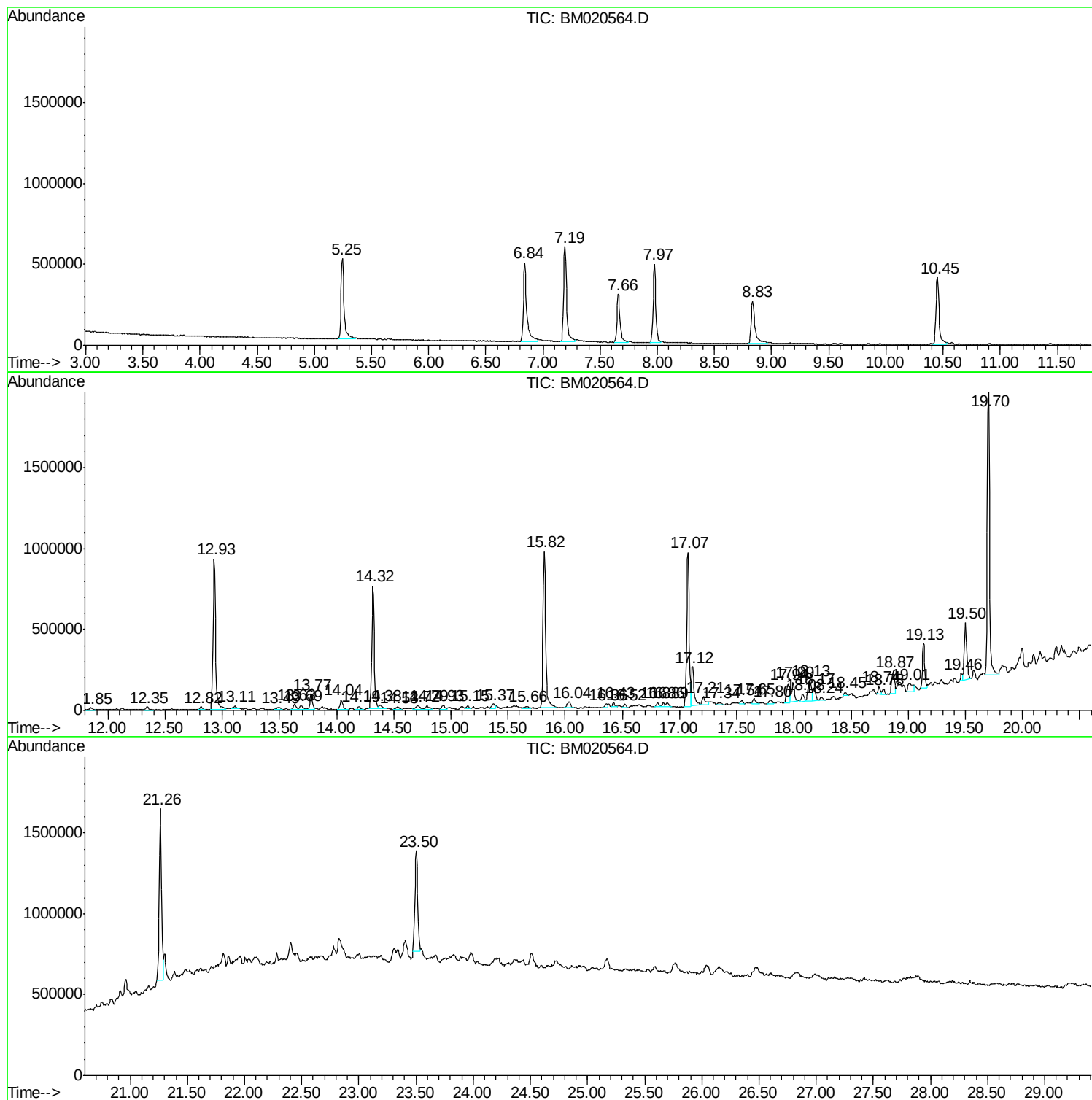
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ClientSampleId :
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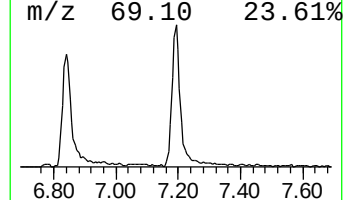
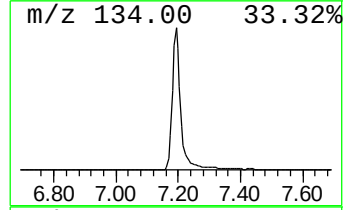
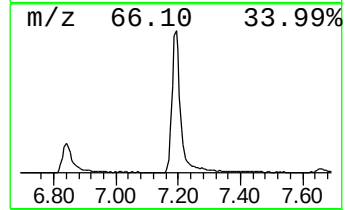
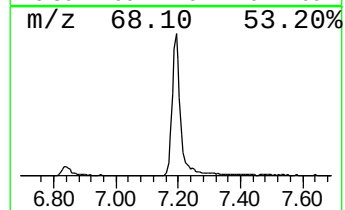
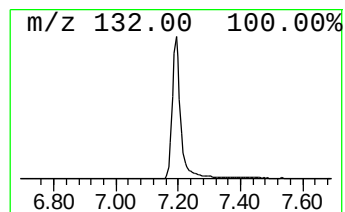
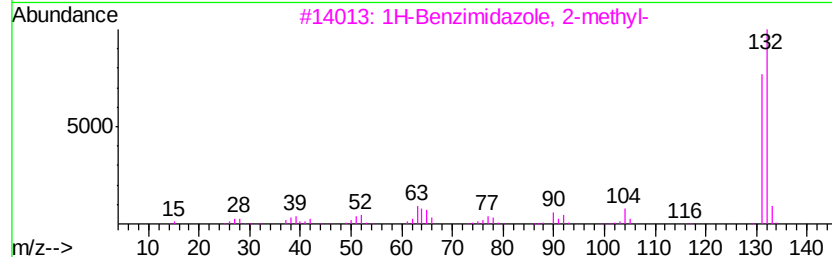
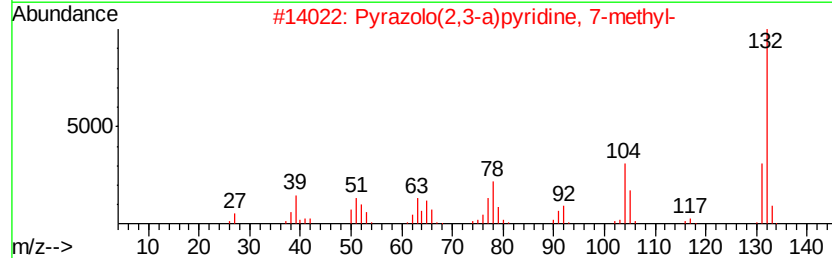
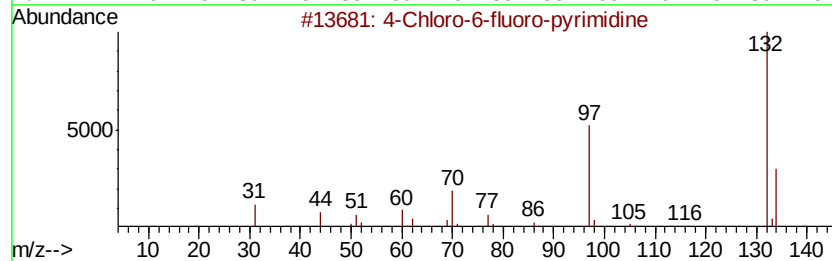
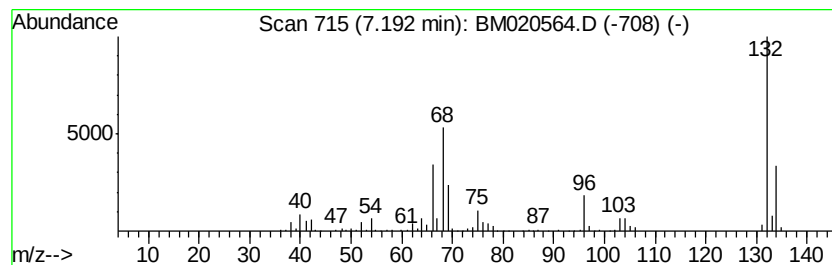
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	38.23 ng	1091240	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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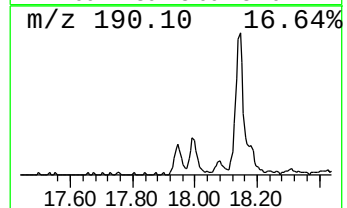
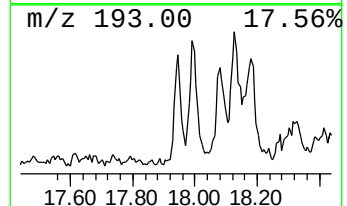
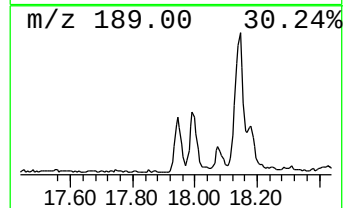
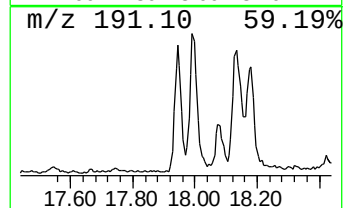
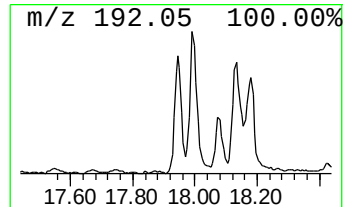
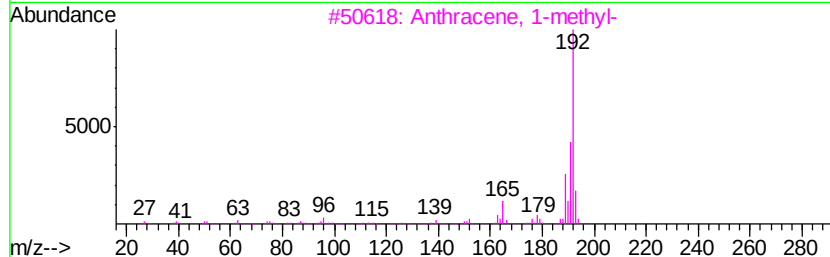
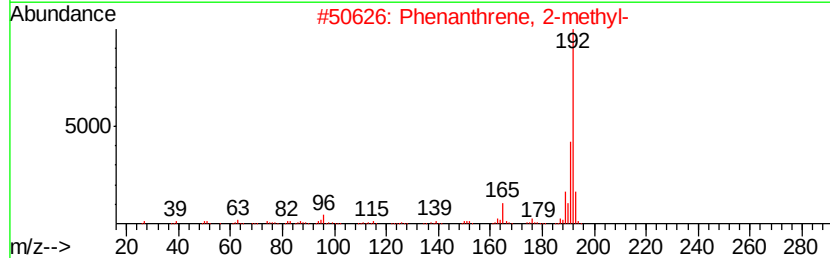
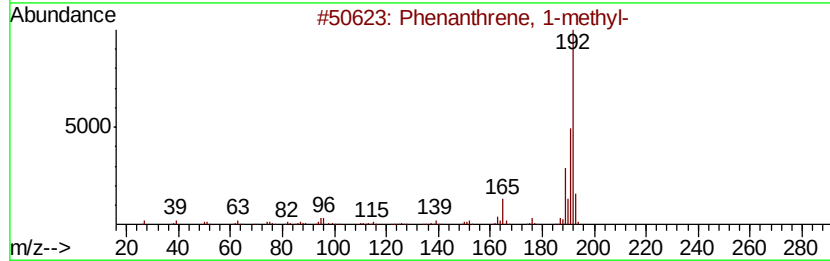
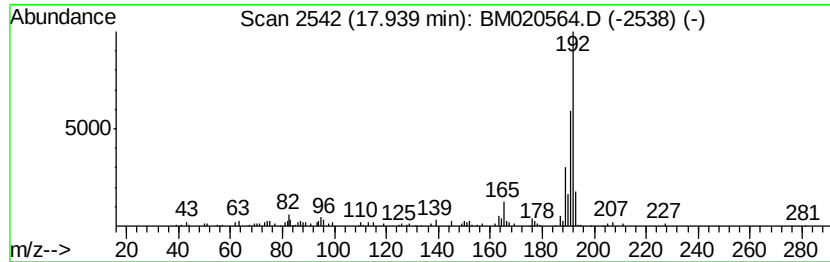
Instrument :
BNA_M
ClientSampled :
OR-03-052319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.94	2.79 ng	213085	Phenanthrene-d10		17.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



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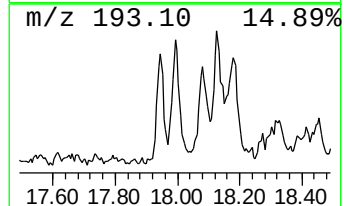
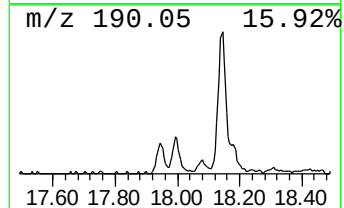
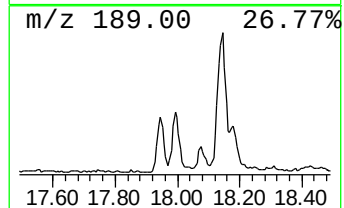
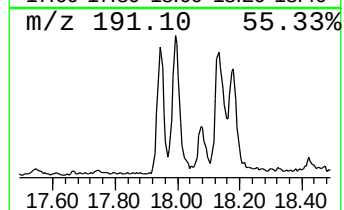
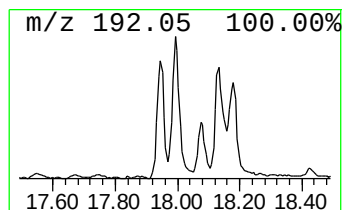
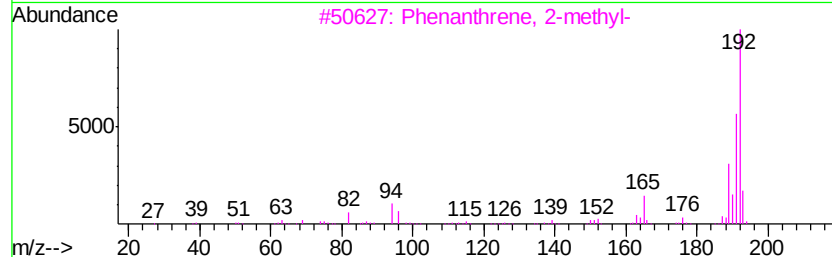
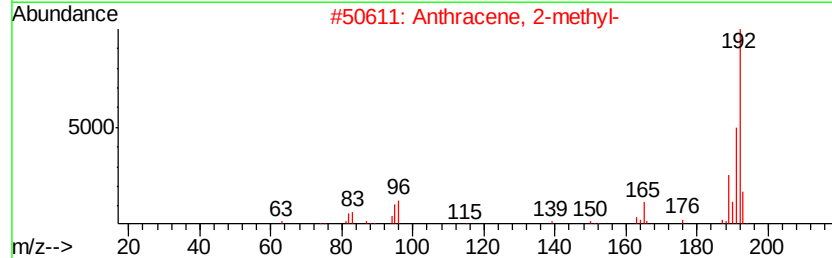
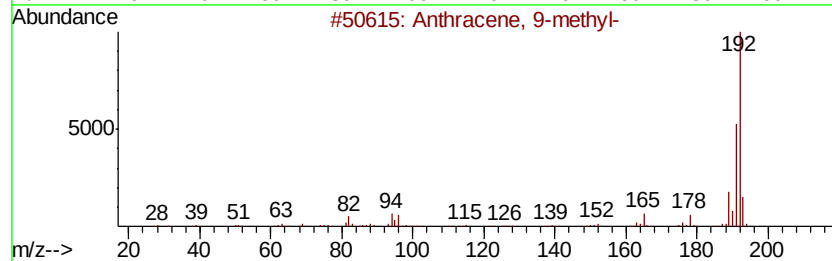
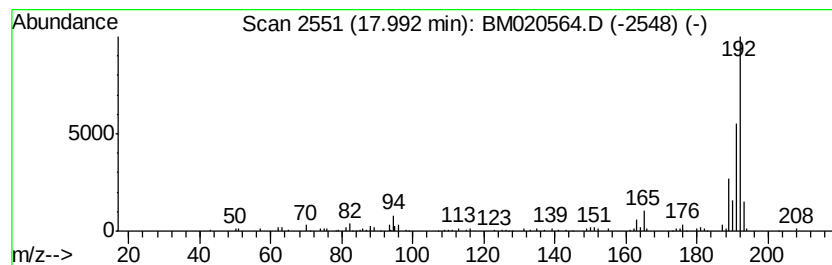
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.99	2.31 ng	176555	Phenanthrene-d10		17.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



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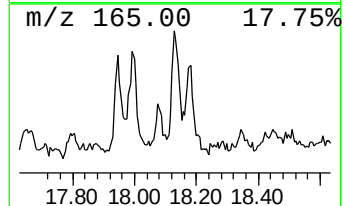
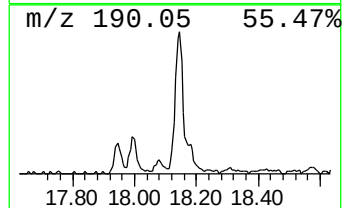
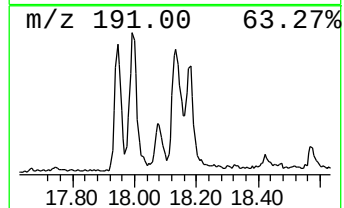
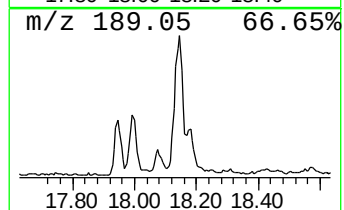
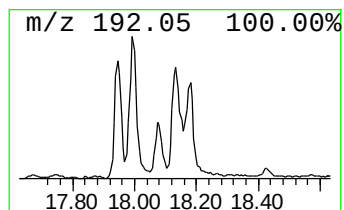
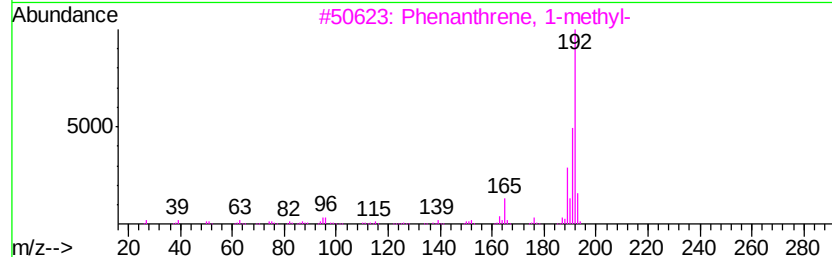
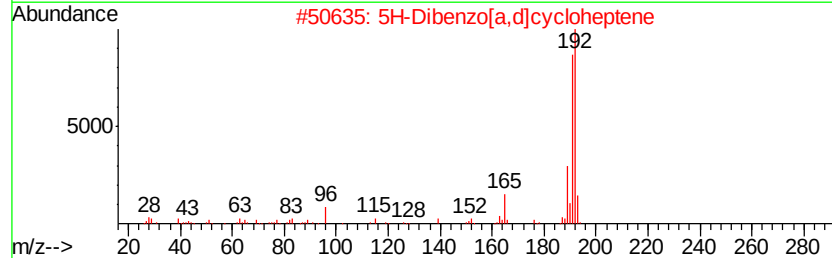
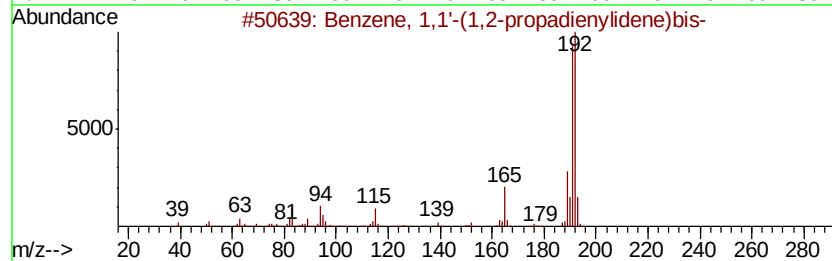
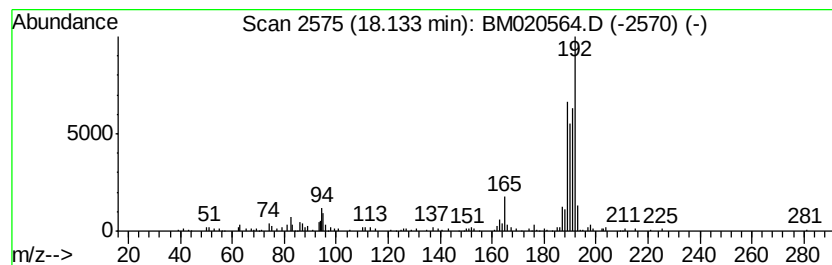
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,1'-(1,2-propadiene... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.13	3.62 ng	275749	Phenanthrene-d10	17.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	58
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
4	1H-Cyclopropa[1,1-b]phenanthrene,1a,...	192	C15H12	000949-41-7	53
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	52



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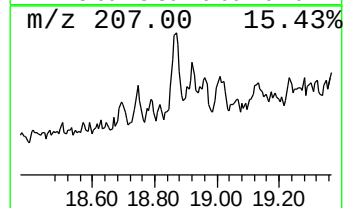
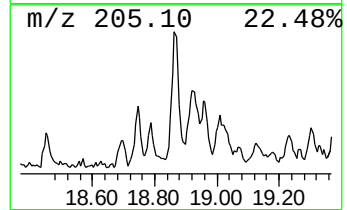
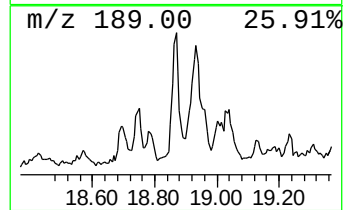
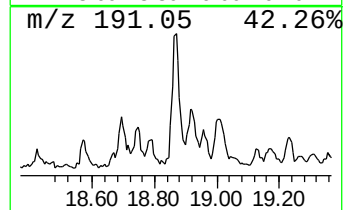
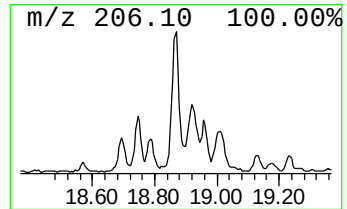
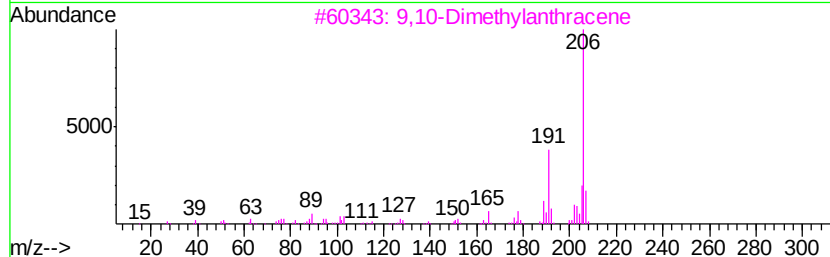
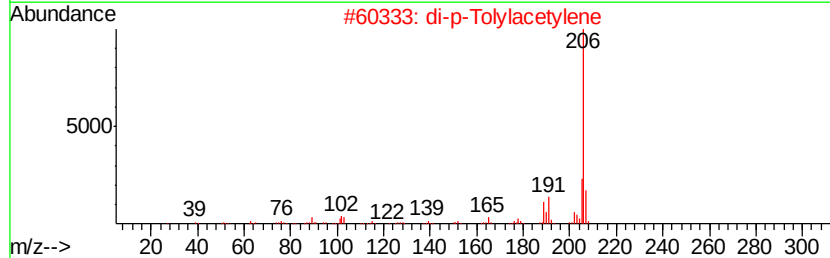
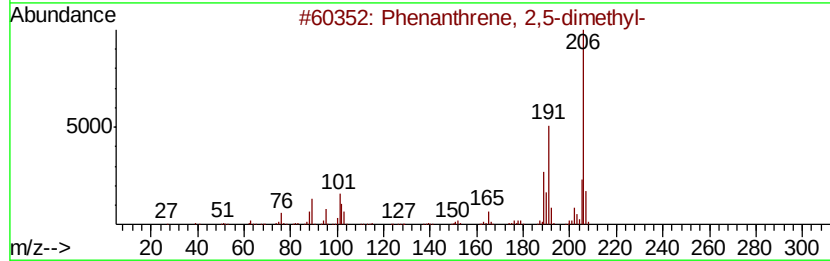
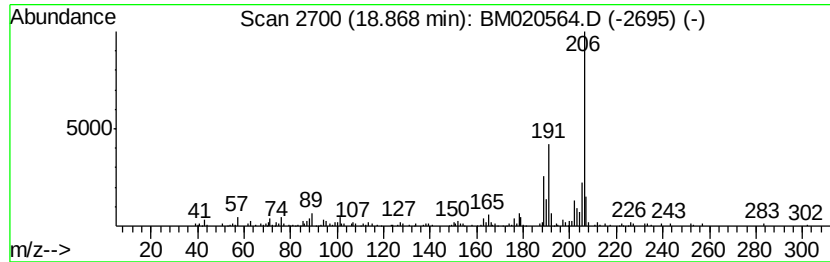
Instrument :
BNA_M
ClientSampleId :
OR-03-052319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.87	3.24 ng	246778	Phenanthrene-d10		17.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052419\
Data File : BM020564.D
Acq On : 25 May 2019 05:08
Operator : JU/SJ
Sample : K2643-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.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
unknown7.19	7.19	38.2	ng	1091240	1	7.66	570938	20.0
Phenanthrene, 1-m...	17.94	2.8	ng	213085	4	17.07	1525430	20.0
Anthracene, 9-met...	17.99	2.3	ng	176555	4	17.07	1525430	20.0
Benzene, 1,1'-(1,...	18.13	3.6	ng	275749	4	17.07	1525430	20.0
Phenanthrene, 2,5...	18.87	3.2	ng	246778	4	17.07	1525430	20.0