

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020298.D
 Acq On : 12 May 2019 14:55
 Operator : JU/SJ
 Sample : K2767-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS010-1824-01

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	5.346	395	401	410	rBV	948316	1371082	67.96%	7.886%
2	6.928	663	670	685	rBV	856393	1432472	71.00%	8.239%
3	7.293	726	732	745	rBV	938889	1498006	74.25%	8.616%
4	7.763	805	812	820	rBV	207689	339025	16.80%	1.950%
5	8.081	859	866	877	rBV	660792	1057215	52.40%	6.081%
6	8.928	1003	1010	1024	rBV	481064	866696	42.96%	4.985%
7	10.557	1280	1287	1295	rBV	222712	392818	19.47%	2.259%
8	13.027	1700	1707	1726	rBV	929433	1455866	72.16%	8.374%
9	13.869	1844	1850	1859	rBV	127486	187473	9.29%	1.078%
10	14.133	1891	1895	1900	rBV3	16505	22611	1.12%	0.130%
11	14.410	1936	1942	1955	rBV2	335489	520636	25.80%	2.995%
12	15.904	2190	2196	2213	rBV	863067	1317494	65.30%	7.578%
13	17.162	2403	2410	2414	rBV	416133	622827	30.87%	3.582%
14	17.198	2414	2416	2425	rVB	57747	80762	4.00%	0.465%
15	18.039	2554	2559	2563	rBV3	51074	76281	3.78%	0.439%
16	18.080	2563	2566	2572	rVB2	21464	31905	1.58%	0.184%
17	18.221	2585	2590	2595	rBV3	23808	46362	2.30%	0.267%
18	18.262	2595	2597	2604	rVB	17752	24585	1.22%	0.141%
19	18.533	2636	2643	2647	rBV3	14898	24817	1.23%	0.143%
20	18.586	2647	2652	2657	rVB2	14646	21952	1.09%	0.126%
21	18.951	2709	2714	2720	rBV3	29216	49262	2.44%	0.283%
22	19.104	2734	2740	2746	rBV5	17574	33631	1.67%	0.193%
23	19.221	2751	2760	2767	rBV	122065	185765	9.21%	1.069%
24	19.368	2781	2785	2790	rVB	23825	31916	1.58%	0.184%
25	19.586	2817	2822	2829	rVB	228299	317433	15.73%	1.826%
26	19.786	2851	2856	2867	rBV	1657769	2017624	100.00%	11.605%
27	19.909	2872	2877	2884	rBV5	26479	60739	3.01%	0.349%
28	20.051	2896	2901	2903	rBV5	23237	39752	1.97%	0.229%
29	20.239	2929	2933	2938	rVB	33435	40785	2.02%	0.235%
30	20.380	2953	2957	2960	rBV	37694	53313	2.64%	0.307%
31	20.427	2960	2965	2967	rBV	31484	42982	2.13%	0.247%
32	20.827	3031	3033	3040	rVB2	23598	26371	1.31%	0.152%
33	21.039	3065	3069	3072	rBV3	68608	111477	5.53%	0.641%
34	21.345	3115	3121	3126	rBV2	672027	1113905	55.21%	6.407%

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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	21.386	3126	3128	3133	rVB	133014	155687	7.72%	0.895%
36	21.556	3154	3157	3162	rBV3	39302	57614	2.86%	0.331%
37	22.521	3317	3321	3325	rBV	79101	116169	5.76%	0.668%
38	22.944	3389	3393	3407	rVB2	110618	323983	16.06%	1.864%
39	23.433	3473	3476	3481	rVB	79435	119098	5.90%	0.685%
40	23.533	3489	3493	3500	rVB	96125	185260	9.18%	1.066%
41	23.633	3504	3510	3518	rVV	474885	911856	45.19%	5.245%

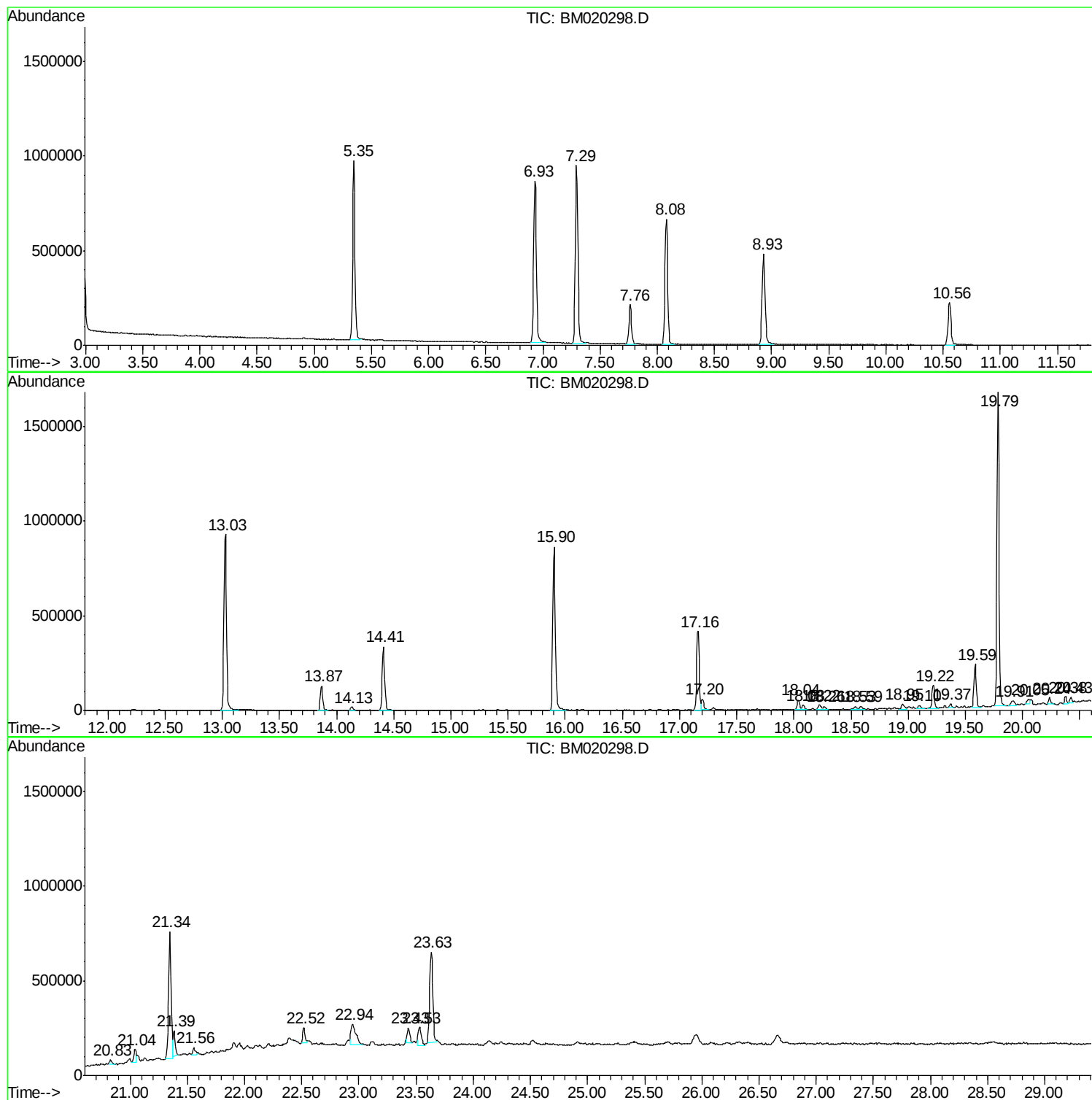
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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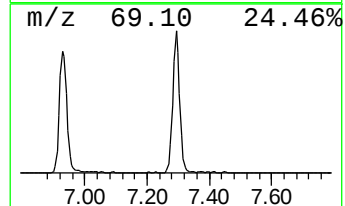
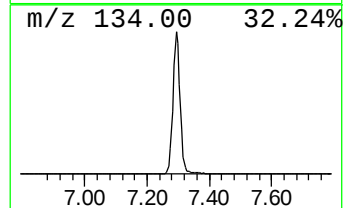
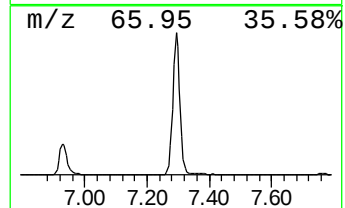
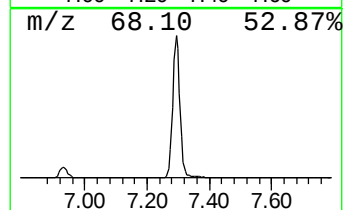
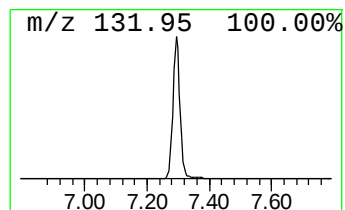
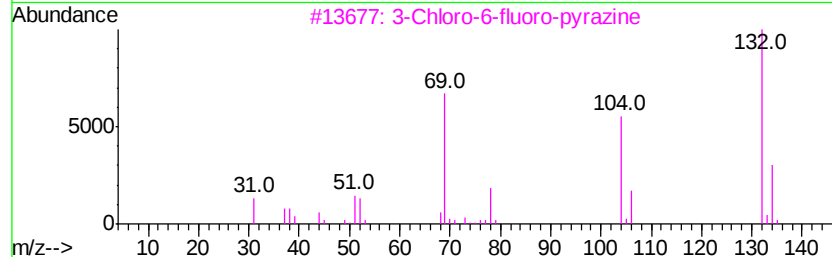
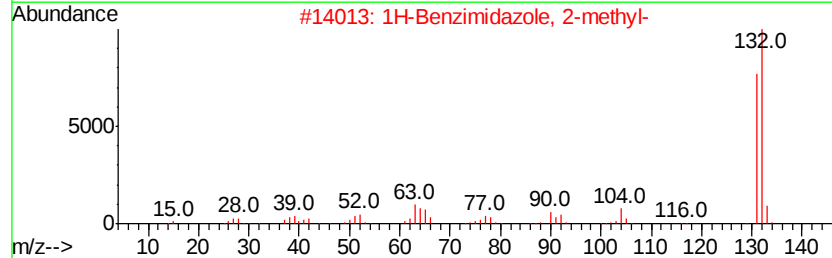
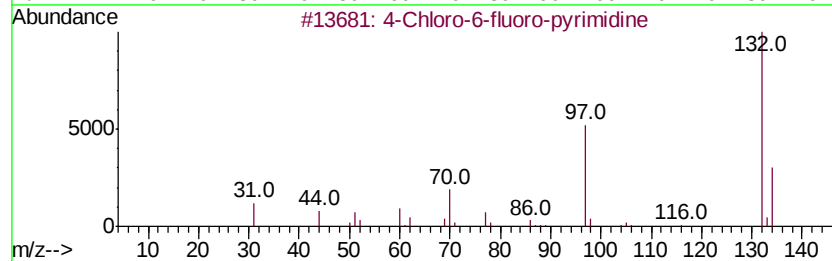
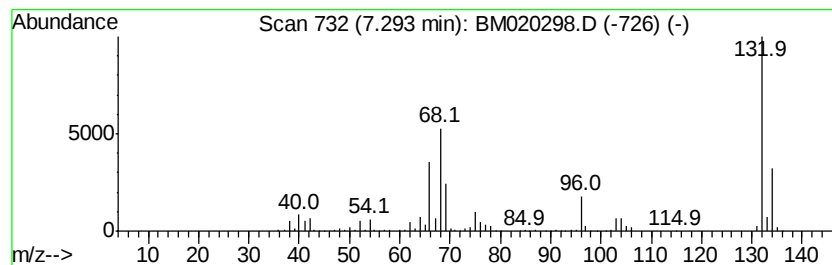
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	88.37 ng	1498010	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	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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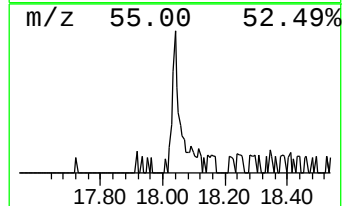
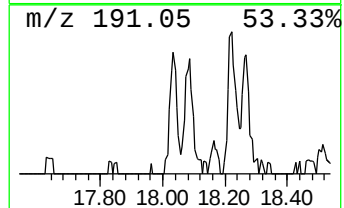
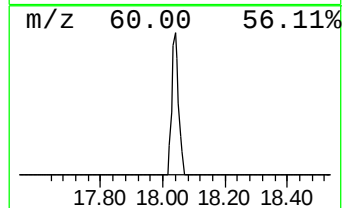
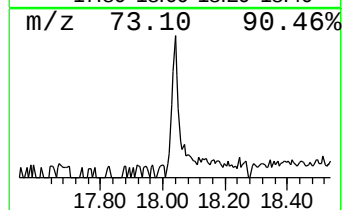
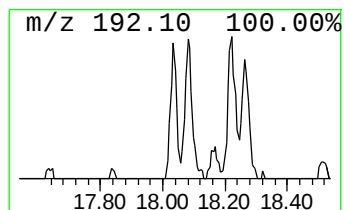
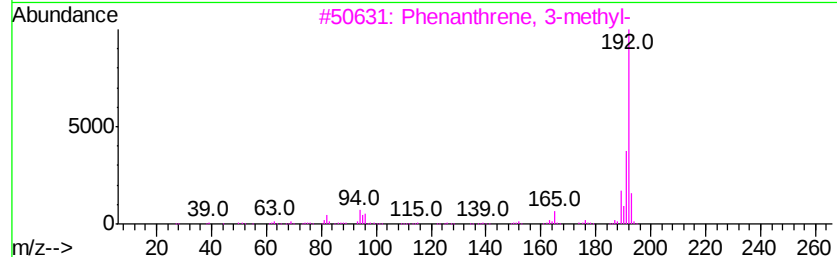
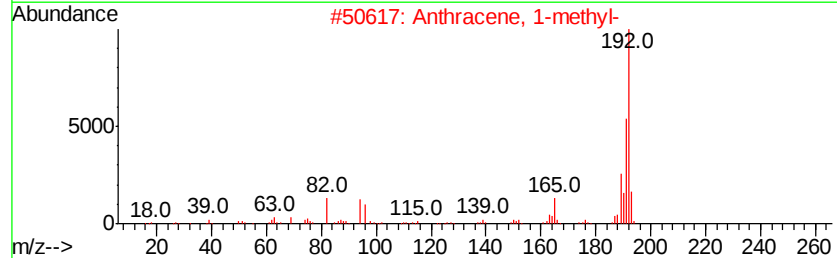
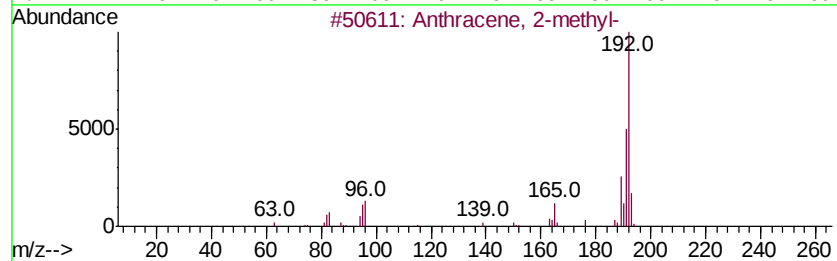
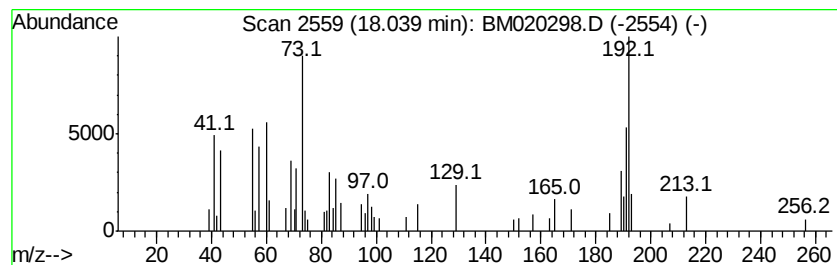
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Peak Number 3 unknown18.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.45 ng	76281	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	38
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	38



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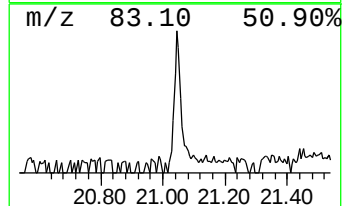
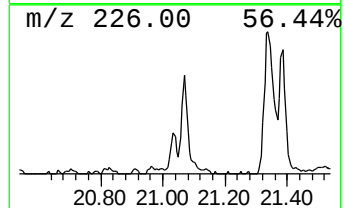
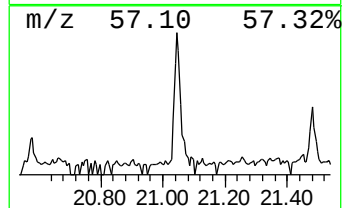
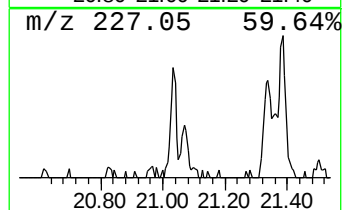
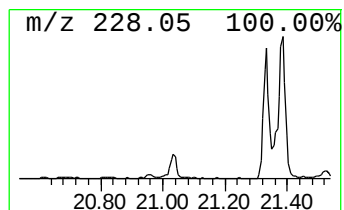
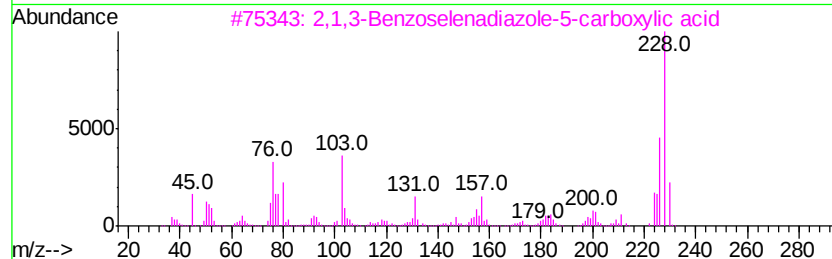
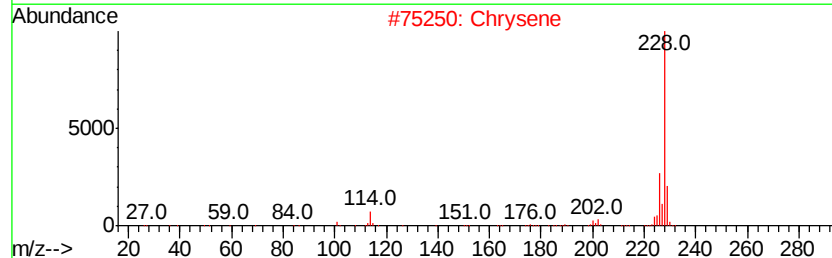
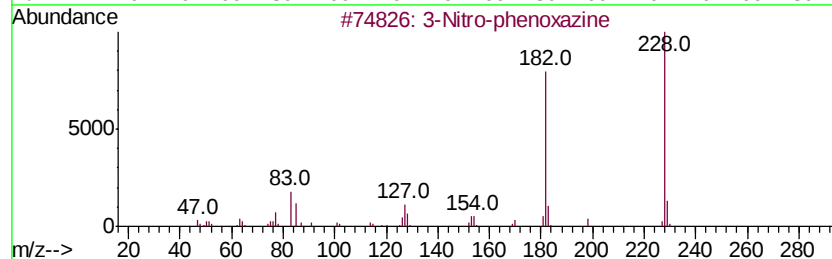
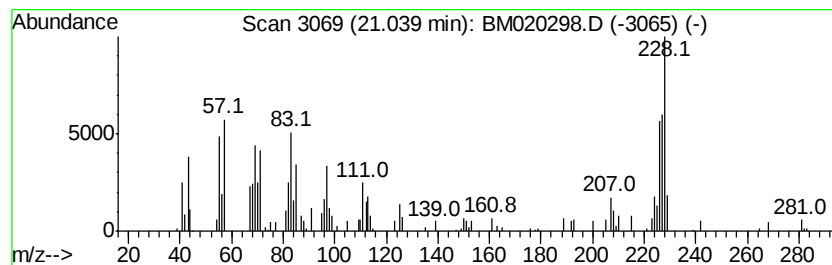
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown21.04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.00 ng	111477	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Nitro-phenoxazine	228	C12H8N2O3	020464-44-2	38
2		Chrysene	228	C18H12	000218-01-9	35
3		2,1,3-Benzoselenadiazole-5-carbo...	228	C7H4N2O2Se	140669-75-6	30
4		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	25
5		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	22



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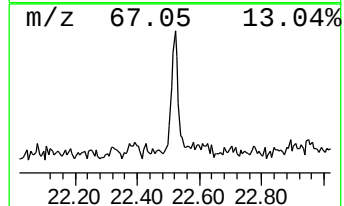
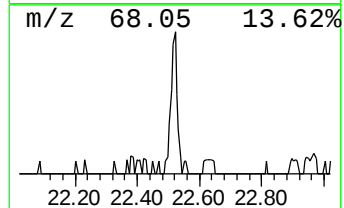
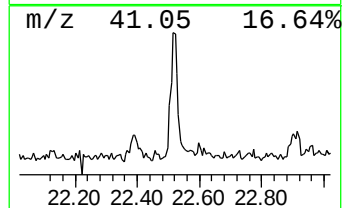
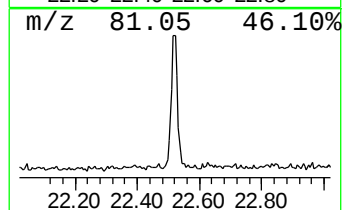
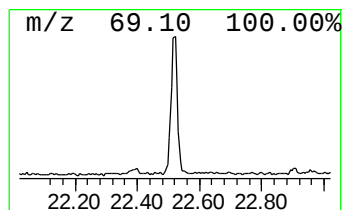
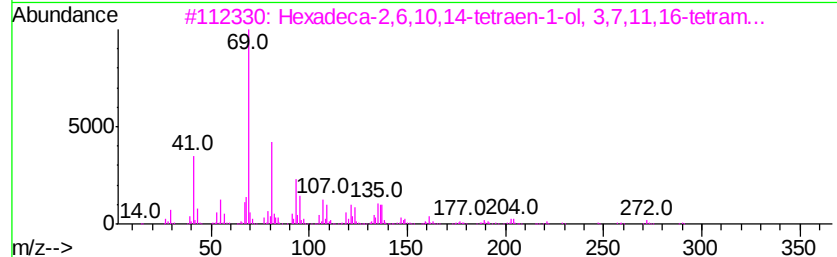
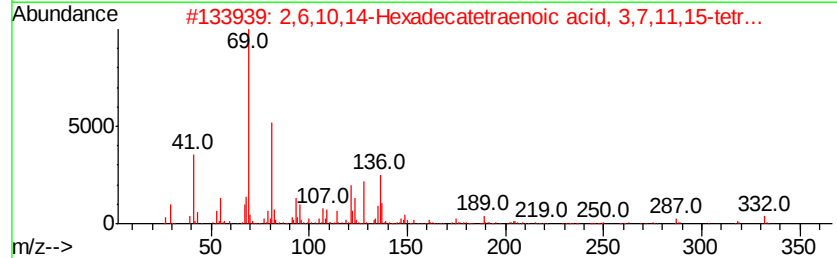
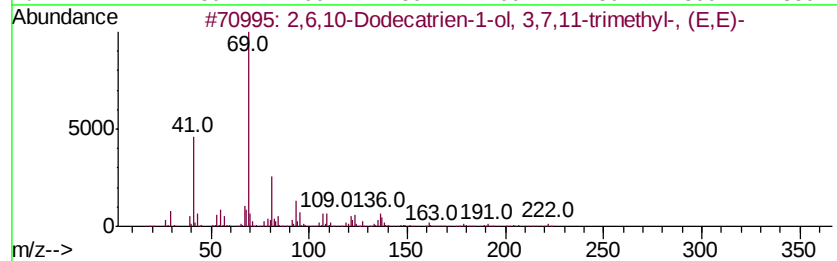
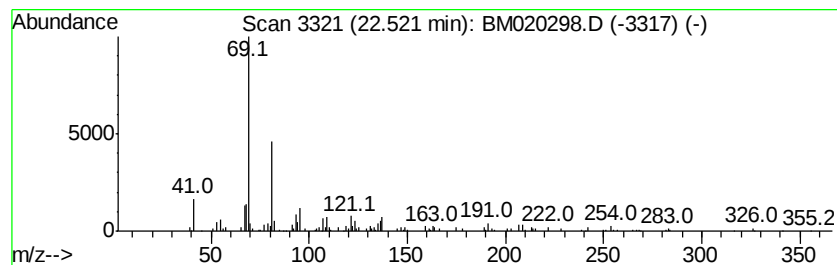
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Peak Number 5 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.52	2.55 ng	116169	Perylene-d12	23.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	90
2	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
3	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	72
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64



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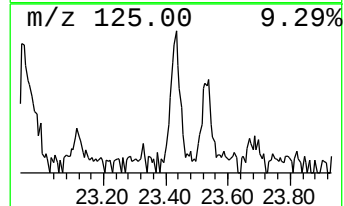
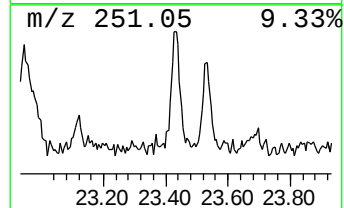
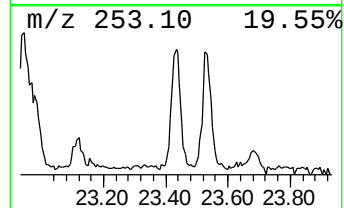
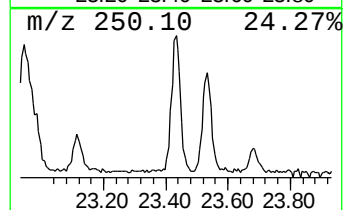
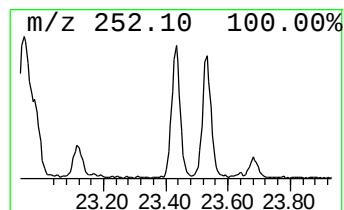
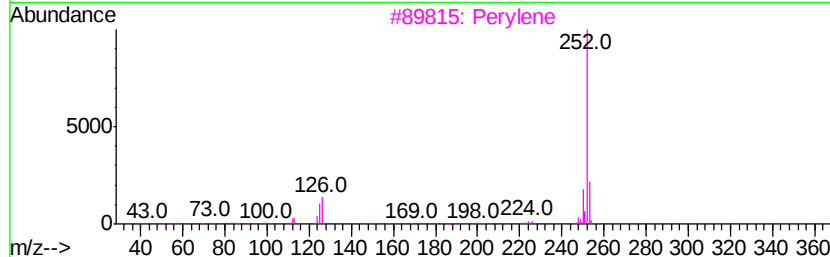
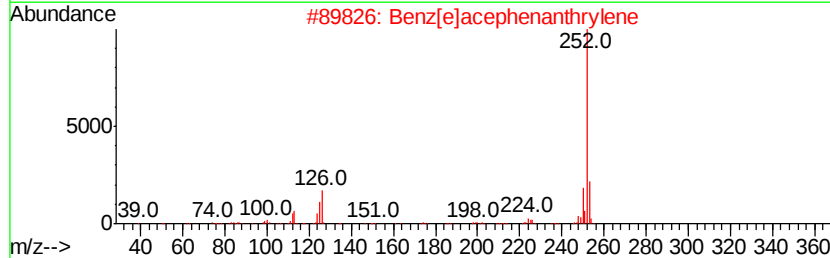
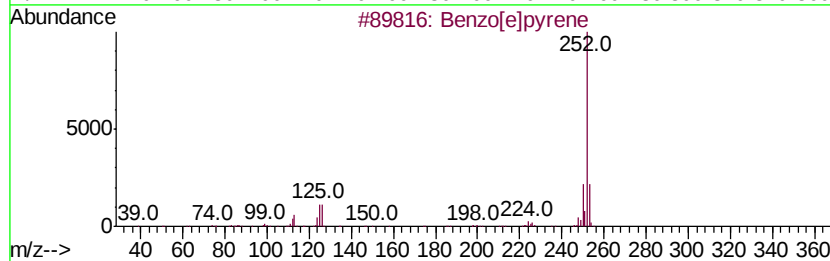
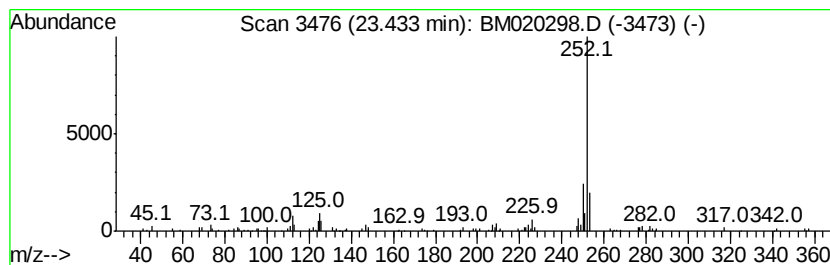
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P026-SS010-1824-01

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 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.43	2.61 ng	119098	Perylene-d12	23.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]bpvrene	252	C20H12	000192-97-2	74
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
3	Pervlene	252	C20H12	000198-55-0	72
4	Benzo[alpvrene	252	C20H12	000050-32-8	72
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
Data File : BM020298.D
Acq On : 12 May 2019 14:55
Operator : JU/SJ
Sample : K2767-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P026-SS010-1824-01

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
unknown7.29	7.29	88.4	ng	1498010	1	7.76	339025	20.0
unknown18.04	18.04	2.5	ng	76281	4	17.16	622827	20.0
unknown21.04	21.04	2.0	ng	111477	5	21.35	1113910	20.0
2,6,10-Dodecatricie...	22.52	2.5	ng	116169	6	23.63	911856	20.0
Benzo[e]pyrene	23.43	2.6	ng	119098	6	23.63	911856	20.0