

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
 Data File : BP002907.D
 Acq On : 05 Aug 2020 11:48
 Operator : CG/JU
 Sample : L3541-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TL-7

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_P\METHODS\8270-BP073020.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	2.917	3	5	13	rVB2	446654	655621	4.02%	0.471%
2	2.987	13	17	32	rVB	1659743	2254322	13.81%	1.619%
3	5.317	407	413	425	rBV	4114005	6059700	37.11%	4.351%
4	6.887	672	680	689	rBV	4053227	6176920	37.83%	4.435%
5	7.711	812	820	828	rBV	1387903	2172838	13.31%	1.560%
6	8.858	1006	1015	1026	rBV	2596044	4191431	25.67%	3.009%
7	10.493	1286	1293	1300	rBV	1842368	3023279	18.52%	2.171%
8	12.975	1707	1715	1733	rBV	6861259	10322411	63.22%	7.411%
9	13.804	1851	1856	1866	rBV	612735	892006	5.46%	0.640%
10	14.351	1942	1949	1955	rBV	2770956	4134313	25.32%	2.968%
11	14.410	1955	1959	1968	rVB	248521	360710	2.21%	0.259%
12	15.398	2122	2127	2133	rBV	153122	222318	1.36%	0.160%
13	15.840	2195	2202	2214	rBV	5208502	7620236	46.67%	5.471%
14	17.098	2410	2416	2420	rBV	3333233	4921249	30.14%	3.533%
15	17.145	2420	2424	2430	rVV	2266969	3190449	19.54%	2.291%
16	17.234	2434	2439	2445	rVB	653193	908640	5.57%	0.652%
17	17.498	2476	2484	2490	rBV2	195205	354976	2.17%	0.255%
18	17.975	2560	2565	2568	rBV	287362	375695	2.30%	0.270%
19	18.022	2568	2573	2580	rVV	1105430	1584974	9.71%	1.138%
20	18.098	2582	2586	2591	rVV	200556	335375	2.05%	0.241%
21	18.163	2591	2597	2601	rVV2	524519	886227	5.43%	0.636%
22	18.198	2601	2603	2608	rVB	199364	225429	1.38%	0.162%
23	18.463	2643	2648	2650	rBV	255515	326042	2.00%	0.234%
24	18.492	2650	2653	2660	rVB	192409	254181	1.56%	0.182%
25	18.863	2711	2716	2722	rBV3	151399	279741	1.71%	0.201%
26	18.998	2735	2739	2748	rVB3	140429	246137	1.51%	0.177%
27	19.116	2754	2759	2766	rBV	4813754	6221393	38.10%	4.467%
28	19.257	2780	2783	2787	rBV3	320986	401719	2.46%	0.288%
29	19.469	2810	2819	2827	rBV2	3984881	6454105	39.53%	4.634%
30	19.539	2827	2831	2838	rVB2	189200	292768	1.79%	0.210%
31	19.675	2845	2854	2864	rVB	12461351	16327684	100.00%	11.723%
32	19.798	2868	2875	2879	rBV3	236717	585097	3.58%	0.420%
33	19.922	2892	2896	2898	rBV2	183349	290869	1.78%	0.209%
34	19.957	2898	2902	2906	rVB	642116	859956	5.27%	0.617%

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 Sampling : 1
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 Min Area: 3 % of largest Peak
 Max Peaks: 100
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35	20.051	2914	2918	2922	rBV	443693	548578	3.36%	0.394%
36	20.110	2922	2928	2931	rVV2	399049	635838	3.89%	0.457%
37	20.145	2931	2934	2938	rVB	186988	238892	1.46%	0.172%
38	20.245	2947	2951	2954	rBV	177273	220213	1.35%	0.158%
39	20.286	2954	2958	2963	rBV2	187662	285599	1.75%	0.205%
40	20.680	3021	3025	3031	rVB	346719	482505	2.96%	0.346%
41	20.845	3047	3053	3056	rBV2	359501	602677	3.69%	0.433%
42	20.886	3056	3060	3063	rVV	402261	520019	3.18%	0.373%
43	20.933	3063	3068	3071	rVV2	1400334	1881982	11.53%	1.351%
44	20.969	3071	3074	3083	rVB2	557442	831926	5.10%	0.597%
45	21.192	3101	3112	3116	rBV2	6248093	12023168	73.64%	8.632%
46	21.227	3116	3118	3126	rVB	2552711	2941162	18.01%	2.112%
47	21.345	3134	3138	3142	rBV	438785	606610	3.72%	0.436%
48	21.445	3152	3155	3160	rVB	307862	424136	2.60%	0.305%
49	21.498	3160	3164	3170	rBV2	409728	630079	3.86%	0.452%
50	21.686	3194	3196	3200	rBV	116682	165799	1.02%	0.119%
51	21.745	3203	3206	3211	rVB	399245	507533	3.11%	0.364%
52	21.798	3211	3215	3218	rBV	218921	295511	1.81%	0.212%
53	21.945	3236	3240	3242	rBV	209667	292690	1.79%	0.210%
54	21.975	3243	3245	3250	rVB3	270765	348243	2.13%	0.250%
55	22.780	3375	3382	3386	rBV	1969653	4556555	27.91%	3.271%
56	22.951	3406	3411	3419	rVB	426418	688505	4.22%	0.494%
57	23.263	3458	3464	3472	rVB	1124934	2224926	13.63%	1.597%
58	23.357	3474	3480	3487	rBV	1726712	3198223	19.59%	2.296%
59	23.457	3490	3497	3503	rBV2	3397696	6334875	38.80%	4.548%
60	25.757	3881	3888	3901	rVB2	818132	2470846	15.13%	1.774%
61	26.457	4000	4007	4030	rVB2	563229	1918618	11.75%	1.377%

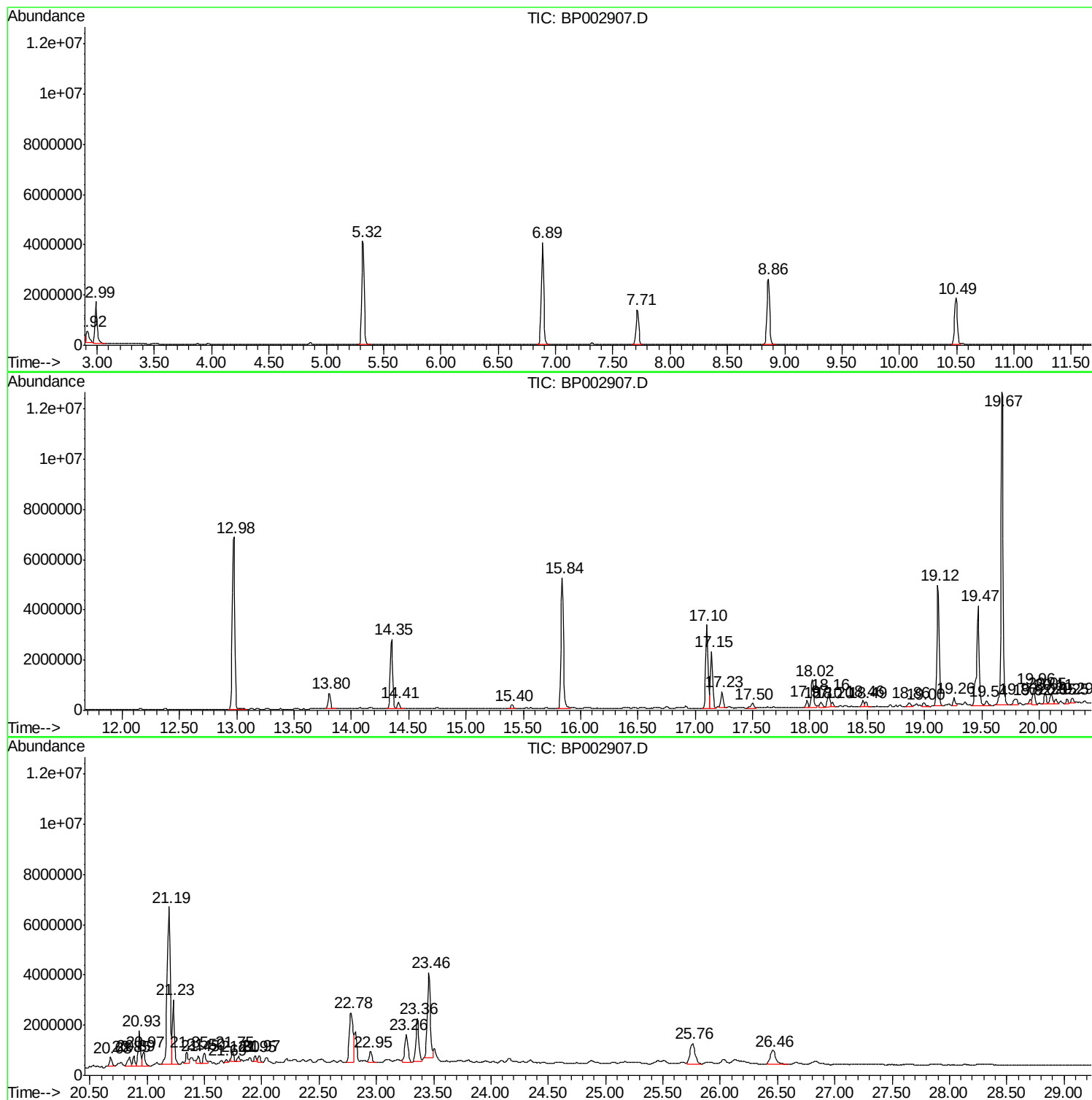
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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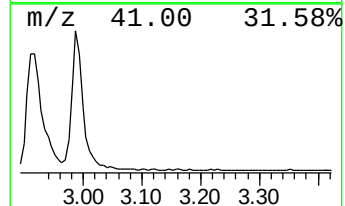
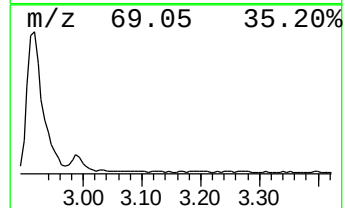
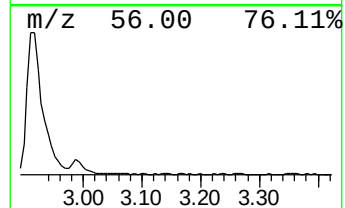
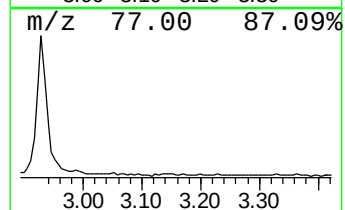
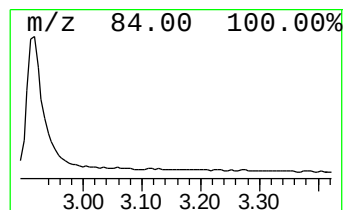
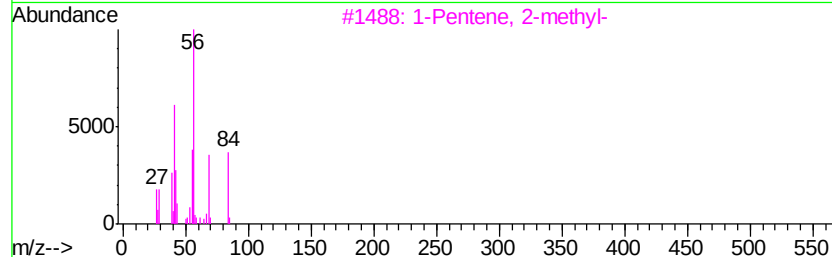
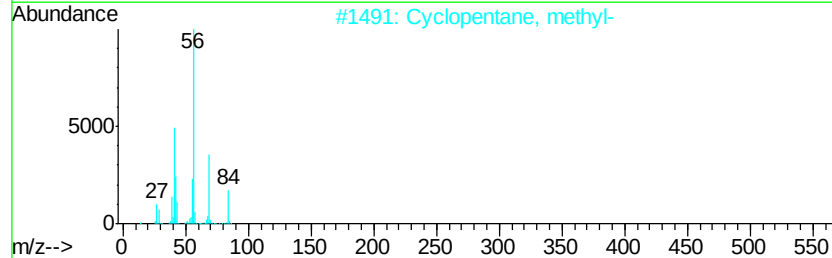
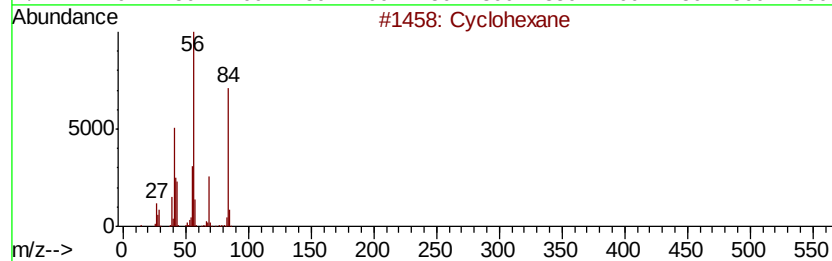
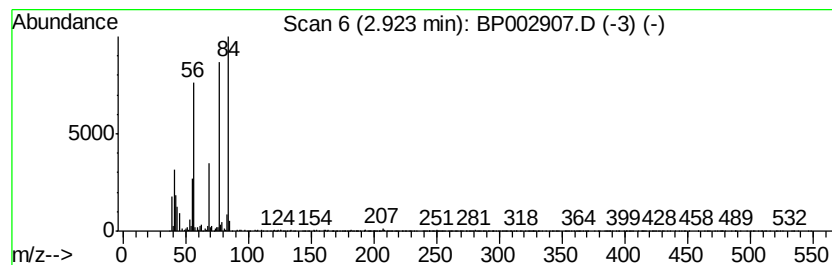
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	6.03 ng	655621	1,4-Dichlorobenzene-d4	7.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	87
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4			Pyridine-D5-	84	C5D5N	007291-22-7	50
5			4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	38



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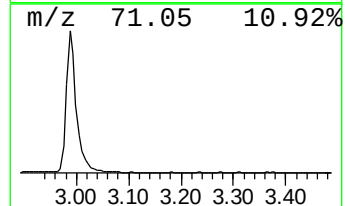
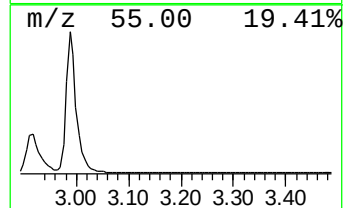
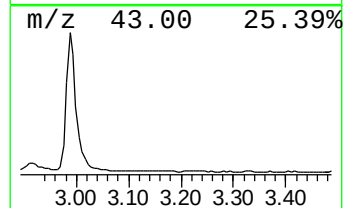
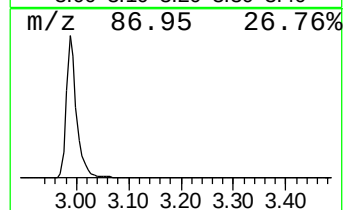
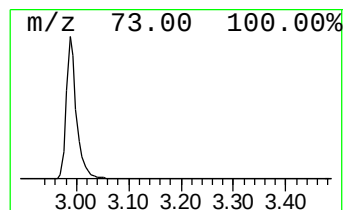
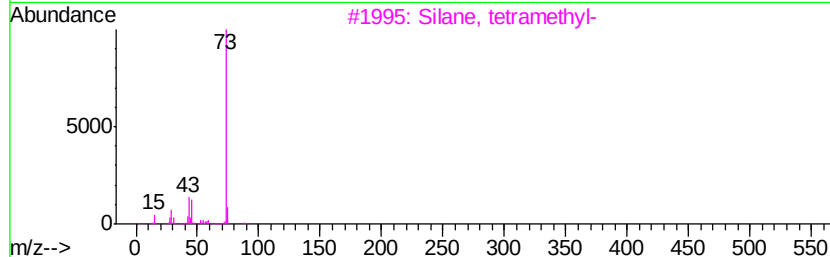
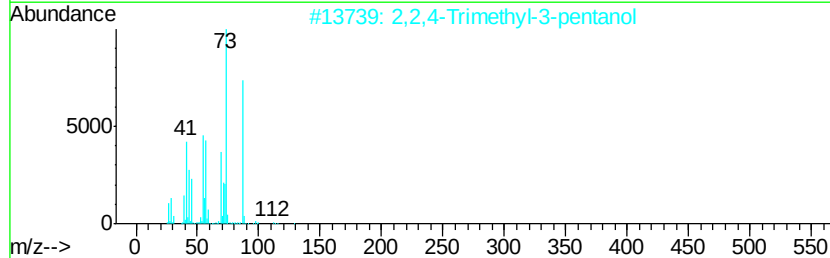
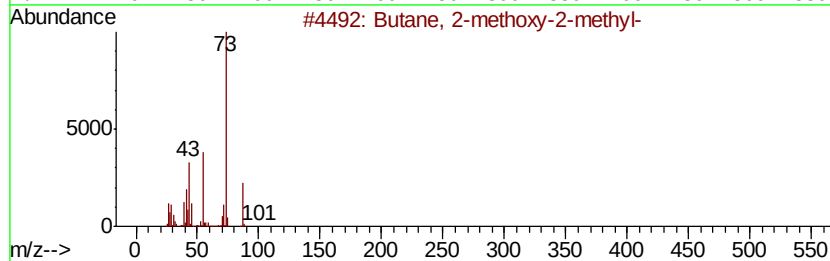
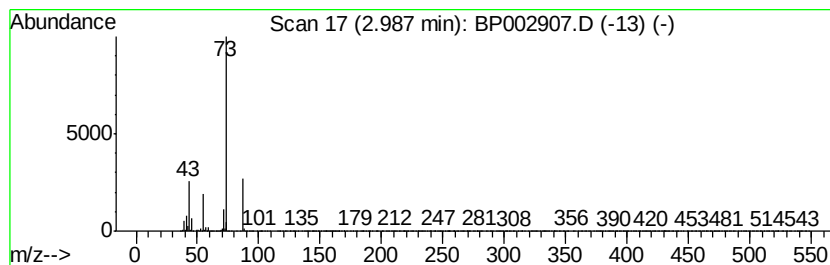
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	20.75 ng	2254320	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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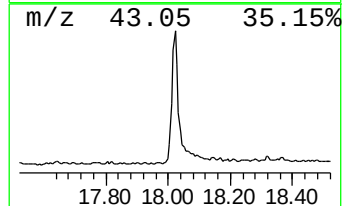
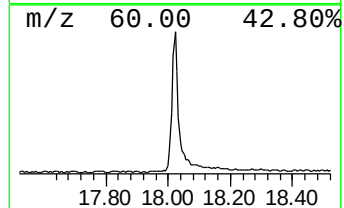
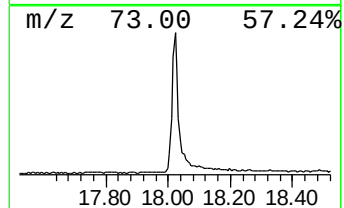
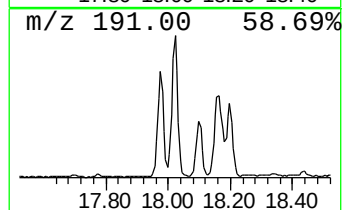
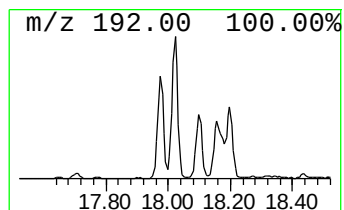
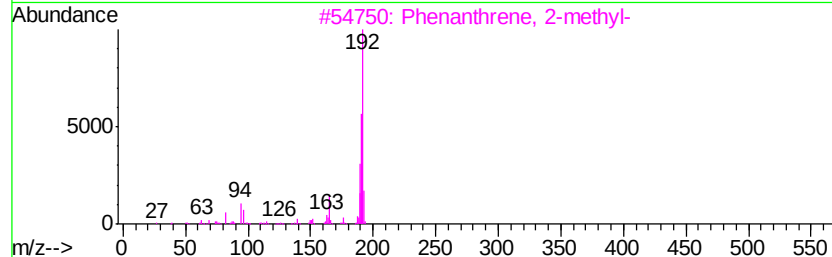
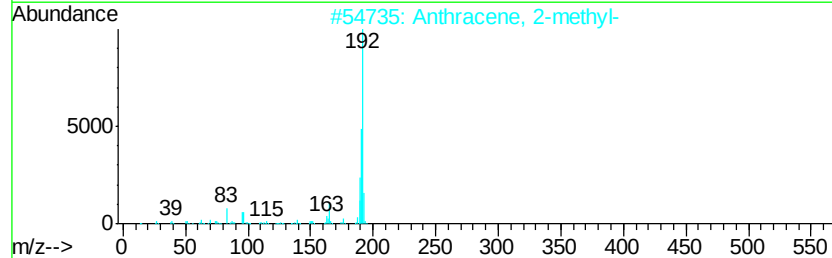
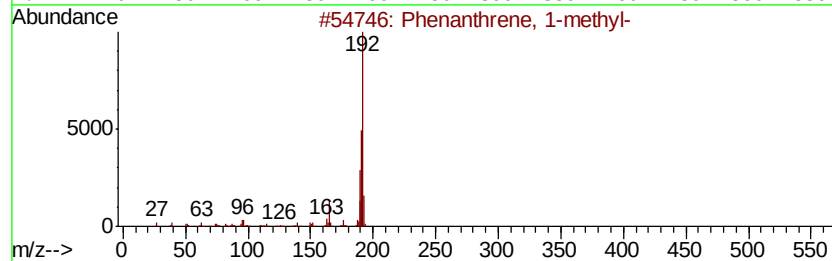
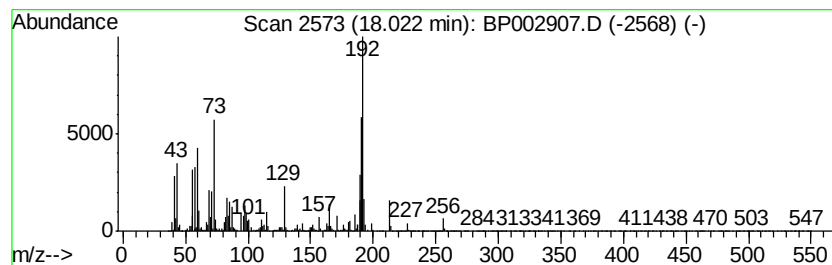
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	6.44 ng	1584970	Phenanthrene-d10	17.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	92
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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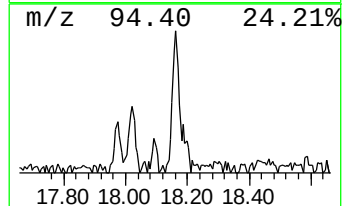
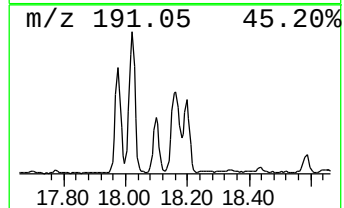
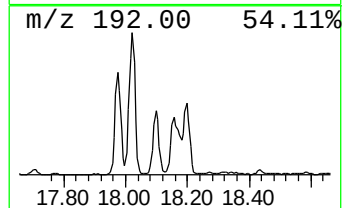
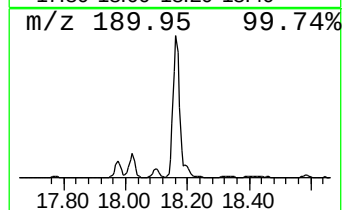
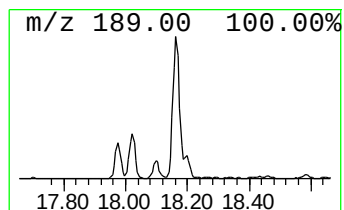
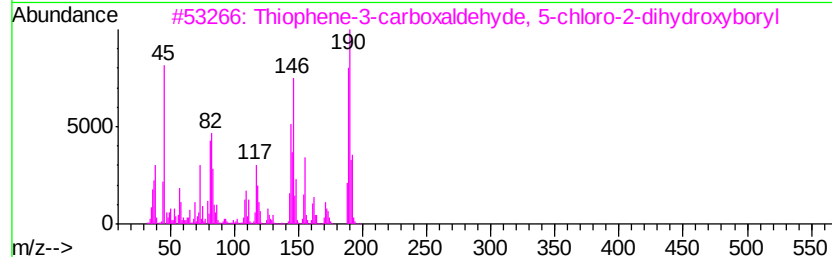
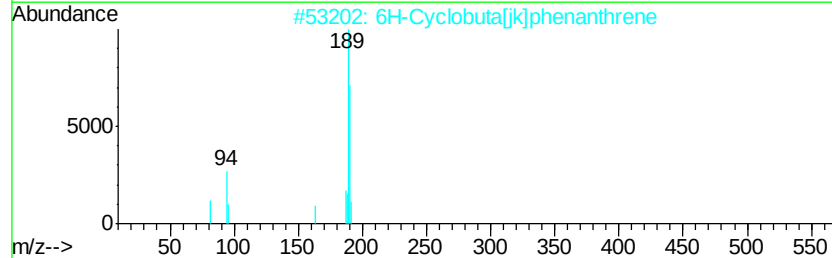
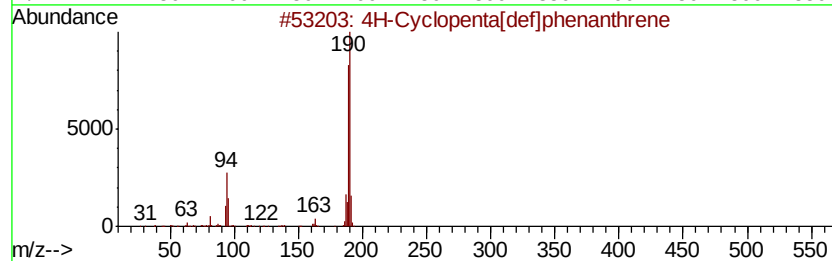
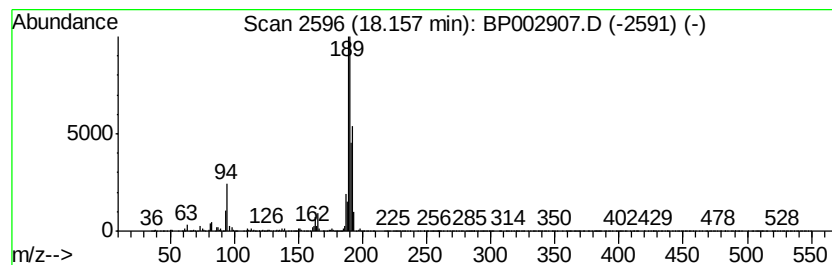
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.16	3.60 ng	886227	Phenanthrene-d10	17.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30



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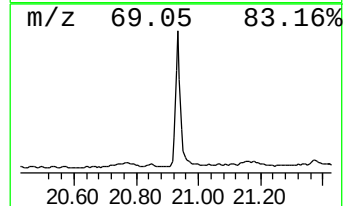
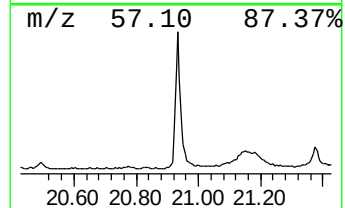
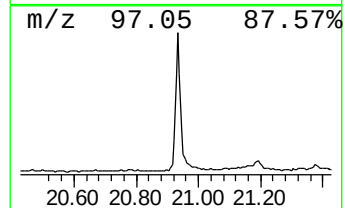
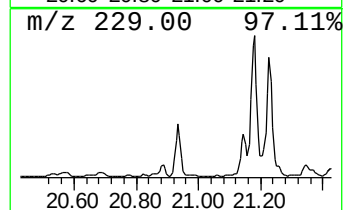
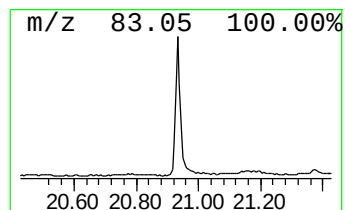
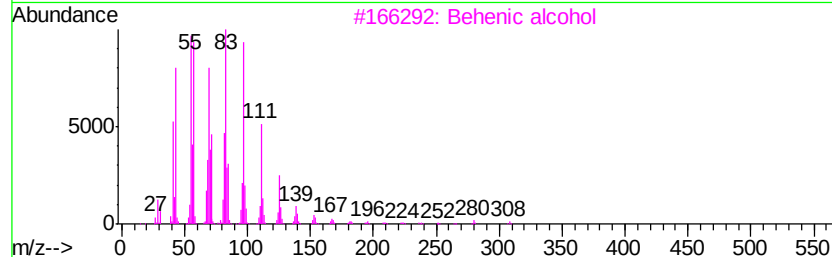
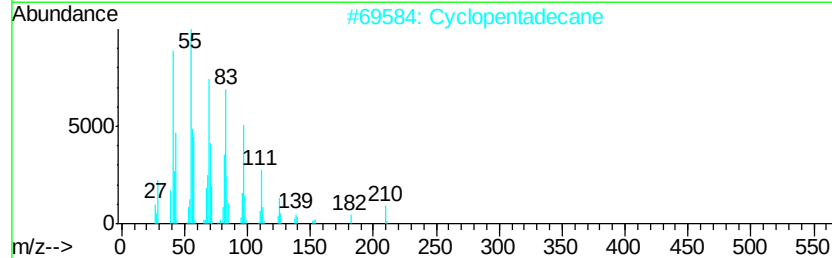
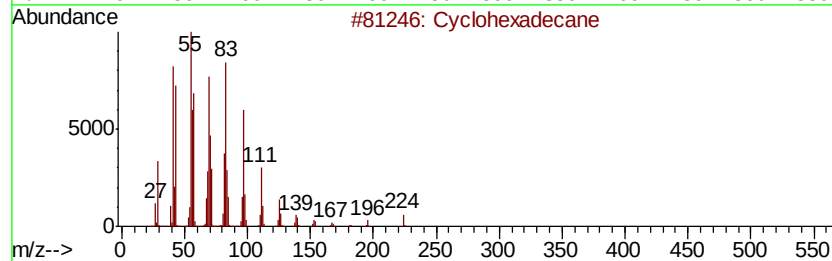
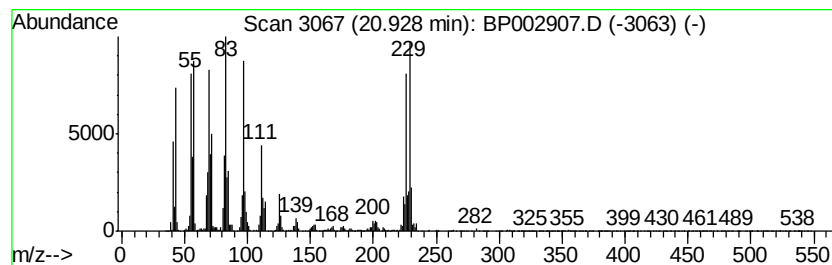
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BNA_P
ClientSampleId :
TL-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.93	3.13 ng	1881980	Chrysene-d12	21.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Behenic alcohol	326	C22H46O	000661-19-8	86
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	86
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002907.D
Acq On : 05 Aug 2020 11:48
Operator : CG/JU
Sample : L3541-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TL-7

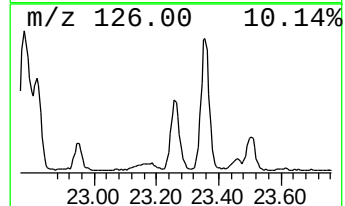
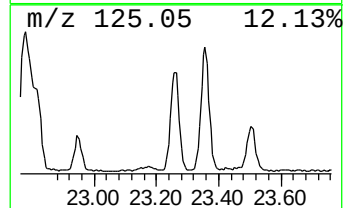
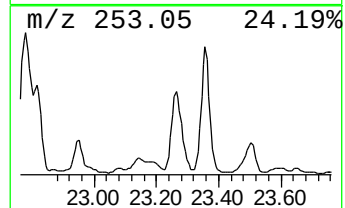
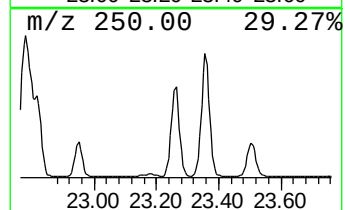
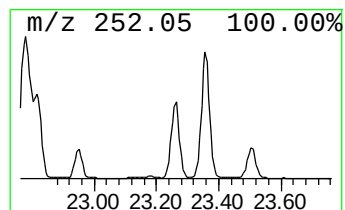
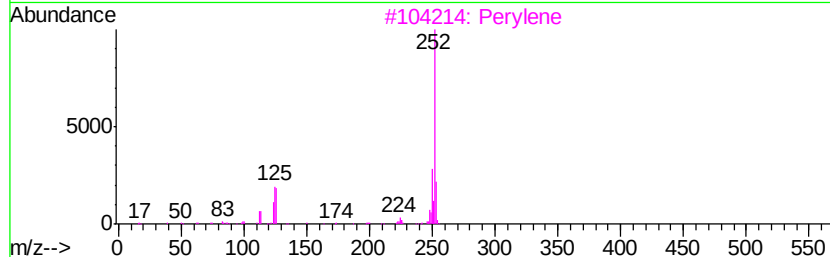
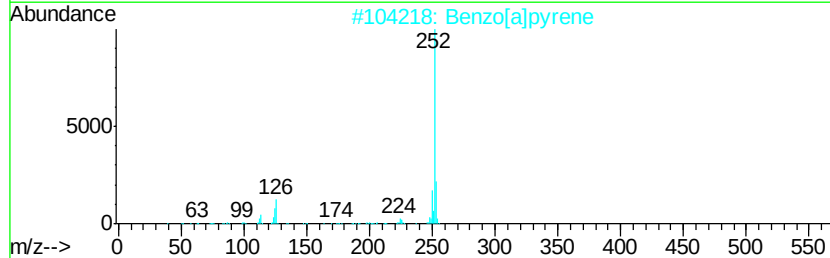
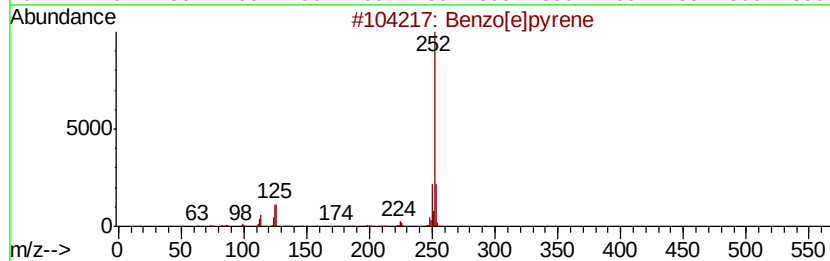
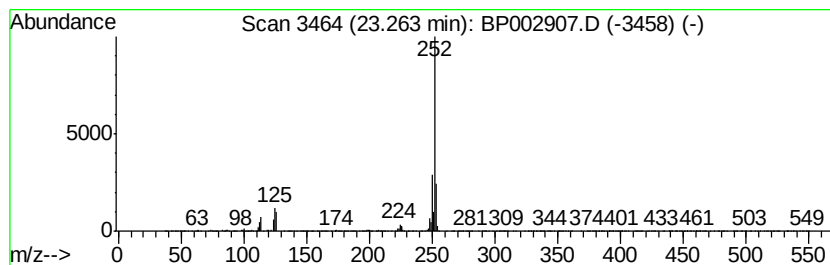
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	7.02 ng	2224930	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP080520\
Data File : BP002907.D
Acq On : 05 Aug 2020 11:48
Operator : CG/JU
Sample : L3541-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TL-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane	2.92	6.0	ng	655621	1	7.72	2172840	20.0
Butane, 2-methoxy...	2.99	20.8	ng	2254320	1	7.72	2172840	20.0
Phenanthrene, 1-m...	18.02	6.4	ng	1584970	4	17.10	4921250	20.0
4H-Cyclopenta[def...	18.16	3.6	ng	886227	4	17.10	4921250	20.0
Cyclohexadecane	20.93	3.1	ng	1881980	5	21.19	12023200	20.0
Benzo[e]pyrene	23.26	7.0	ng	2224930	6	23.46	6334880	20.0