

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
 Data File : BP002010.D
 Acq On : 03 Mar 2020 04:19
 Operator : CG/JU
 Sample : L1616-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBDR3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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\SOM-EPA-BP022720MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP002012.D

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	26	rVB	1556571	2210754	27.19%	2.291%
2	3.164	43	47	57	rVB	57479	85187	1.05%	0.088%
3	4.787	318	323	334	rVB	62026	95253	1.17%	0.099%
4	6.816	659	668	686	rBV	1024786	1752908	21.56%	1.817%
5	6.981	689	696	710	rVV	841163	1325045	16.30%	1.373%
6	7.175	722	729	742	rVB	1148670	1774284	21.83%	1.839%
7	7.640	801	808	818	rBV	1133716	1777465	21.86%	1.842%
8	8.175	888	899	908	rBV	29674	64116	0.79%	0.066%
9	8.346	921	928	942	rBV	1319424	2093358	25.75%	2.170%
10	8.781	989	1002	1017	rBV	965011	1570455	19.32%	1.628%
11	9.269	1078	1085	1093	rVB	37021	57203	0.70%	0.059%
12	9.499	1117	1124	1143	rBV	789793	1301865	16.01%	1.349%
13	10.034	1208	1215	1239	rBV	1324344	2261032	27.81%	2.343%
14	10.410	1270	1279	1286	rBV	1547792	2577222	31.70%	2.671%
15	10.457	1286	1287	1294	rVV	35820	43828	0.54%	0.045%
16	10.546	1294	1302	1324	rVV	1128982	1994931	24.54%	2.068%
17	12.010	1546	1551	1558	rVV	24277	43742	0.54%	0.045%
18	12.081	1558	1563	1572	rVB	16353	31862	0.39%	0.033%
19	12.304	1596	1601	1607	rVB	21919	34871	0.43%	0.036%
20	13.022	1718	1723	1728	rBV2	47527	77388	0.95%	0.080%
21	13.693	1827	1837	1841	rBV	2379751	3342371	41.12%	3.464%
22	13.734	1841	1844	1852	rVB	250986	357714	4.40%	0.371%
23	13.893	1865	1871	1876	rBV2	27130	40326	0.50%	0.042%
24	13.963	1876	1883	1894	rBV	2770422	4180582	51.43%	4.333%
25	14.275	1929	1936	1942	rBV	2449594	3538471	43.53%	3.667%
26	14.340	1942	1947	1956	rVB	152915	266551	3.28%	0.276%
27	14.475	1964	1970	1983	rBV	788630	1250328	15.38%	1.296%
28	14.616	1989	1994	1999	rVB	191523	259648	3.19%	0.269%
29	14.698	2006	2008	2017	rVB2	66214	110444	1.36%	0.114%
30	15.169	2082	2088	2093	rBV	39433	54935	0.68%	0.057%
31	15.275	2099	2106	2112	rBV	3611490	5278624	64.93%	5.471%
32	15.328	2112	2115	2120	rVV2	78664	110564	1.36%	0.115%
33	15.392	2120	2126	2140	rVV	839725	1174300	14.45%	1.217%
34	15.516	2143	2147	2152	rVV	41646	63556	0.78%	0.066%

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35	15.998	2224	2229	2232	rBV	94985	140326	1.73%	0.145%
36	16.034	2232	2235	2237	rVV	75113	93109	1.15%	0.096%
37	16.063	2237	2240	2249	rVB3	51036	81951	1.01%	0.085%
38	16.828	2364	2370	2375	rBV3	98264	143349	1.76%	0.149%
39	16.881	2375	2379	2391	rVB	56654	95186	1.17%	0.099%
40	17.028	2397	2404	2409	rBV	2973491	4147034	51.01%	4.298%
41	17.069	2409	2411	2415	rVV	110579	126314	1.55%	0.131%
42	17.128	2415	2421	2432	rVV	3858523	5785496	71.17%	5.996%
43	17.228	2434	2438	2446	rVB2	31611	59634	0.73%	0.062%
44	17.439	2468	2474	2478	rBV2	51892	87936	1.08%	0.091%
45	17.569	2491	2496	2501	rVB	109366	132121	1.63%	0.137%
46	17.692	2513	2517	2522	rBV2	25494	42999	0.53%	0.045%
47	17.769	2526	2530	2533	rVV	39074	57524	0.71%	0.060%
48	17.816	2533	2538	2548	rVB	134803	189305	2.33%	0.196%
49	17.951	2556	2561	2567	rBV	196477	305055	3.75%	0.316%
50	18.004	2567	2570	2578	rVV5	69079	146798	1.81%	0.152%
51	18.098	2582	2586	2594	rVB4	58558	112548	1.38%	0.117%
52	18.239	2606	2610	2623	rVB3	113057	189638	2.33%	0.197%
53	18.369	2627	2632	2638	rVV6	50198	103090	1.27%	0.107%
54	18.428	2639	2642	2648	rVB2	28691	41713	0.51%	0.043%
55	18.792	2700	2704	2710	rVB3	45349	68036	0.84%	0.071%
56	18.857	2711	2715	2720	rVB	74226	89560	1.10%	0.093%
57	18.928	2722	2727	2735	rBV	202311	306902	3.78%	0.318%
58	19.016	2738	2742	2743	rVV	54230	60318	0.74%	0.063%
59	19.045	2743	2747	2754	rVB	612720	785835	9.67%	0.814%
60	19.139	2759	2763	2768	rVB	76895	108232	1.33%	0.112%
61	19.186	2768	2771	2777	rBV3	58687	81583	1.00%	0.085%
62	19.263	2780	2784	2793	rVV3	87592	138122	1.70%	0.143%
63	19.369	2797	2802	2817	rVB2	5216928	8129297	100.00%	8.425%
64	19.575	2834	2837	2842	rBV	77450	118610	1.46%	0.123%
65	19.633	2844	2847	2852	rVB2	77768	113102	1.39%	0.117%
66	19.722	2856	2862	2868	rBV3	103186	225654	2.78%	0.234%
67	19.863	2880	2886	2888	rBV4	213763	416611	5.12%	0.432%
68	19.933	2895	2898	2901	rBV4	38089	45443	0.56%	0.047%
69	19.980	2902	2906	2910	rBV	256164	312275	3.84%	0.324%
70	20.033	2910	2915	2919	rBV2	181384	298133	3.67%	0.309%
71	20.175	2935	2939	2943	rBV	136854	198158	2.44%	0.205%

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72	20.222	2943	2947	2951	rVV3	74739	135026	1.66%	0.140%
73	20.422	2978	2981	2985	rBV4	68221	118782	1.46%	0.123%
74	20.533	2997	3000	3003	rVB3	46762	51295	0.63%	0.053%
75	20.575	3003	3007	3011	rBV6	74678	137190	1.69%	0.142%
76	20.775	3038	3041	3045	rBV	91476	102634	1.26%	0.106%
77	20.816	3045	3048	3050	rBV2	111878	121494	1.49%	0.126%
78	20.857	3050	3055	3061	rVV2	466862	764417	9.40%	0.792%
79	21.122	3091	3100	3104	rBV2	4141172	7092824	87.25%	7.351%
80	21.157	3104	3106	3113	rVV	1003961	1210102	14.89%	1.254%
81	21.239	3117	3120	3122	rBV2	76677	94143	1.16%	0.098%
82	21.275	3122	3126	3134	rVB	485141	795879	9.79%	0.825%
83	21.422	3147	3151	3157	rBV	155513	230576	2.84%	0.239%
84	21.480	3158	3161	3168	rVB3	72088	116690	1.44%	0.121%
85	21.610	3180	3183	3186	rBV	74753	107774	1.33%	0.112%
86	21.663	3187	3192	3196	rVB	152337	253737	3.12%	0.263%
87	21.810	3215	3217	3221	rVB2	80976	100634	1.24%	0.104%
88	21.857	3222	3225	3228	rVV	169952	224404	2.76%	0.233%
89	21.892	3228	3231	3235	rVB2	176739	237560	2.92%	0.246%
90	21.951	3237	3241	3250	rVB4	92848	196324	2.42%	0.203%
91	22.186	3278	3281	3287	rVB2	154346	227366	2.80%	0.236%
92	22.669	3357	3363	3379	rBV	1018888	3206984	39.45%	3.324%
93	22.833	3387	3391	3400	rVB	180731	296230	3.64%	0.307%
94	23.139	3437	3443	3446	rBV	554403	1008279	12.40%	1.045%
95	23.192	3446	3452	3457	rVV	3958653	7454960	91.70%	7.726%
96	23.233	3457	3459	3468	rVB2	662779	1146209	14.10%	1.188%
97	23.327	3468	3475	3481	rBV	2639127	4825187	59.36%	5.001%
98	23.910	3570	3574	3580	rVB	190502	329579	4.05%	0.342%
99	24.663	3697	3702	3708	rVB	135063	274200	3.37%	0.284%
100	25.545	3845	3852	3865	rVB4	270034	849301	10.45%	0.880%

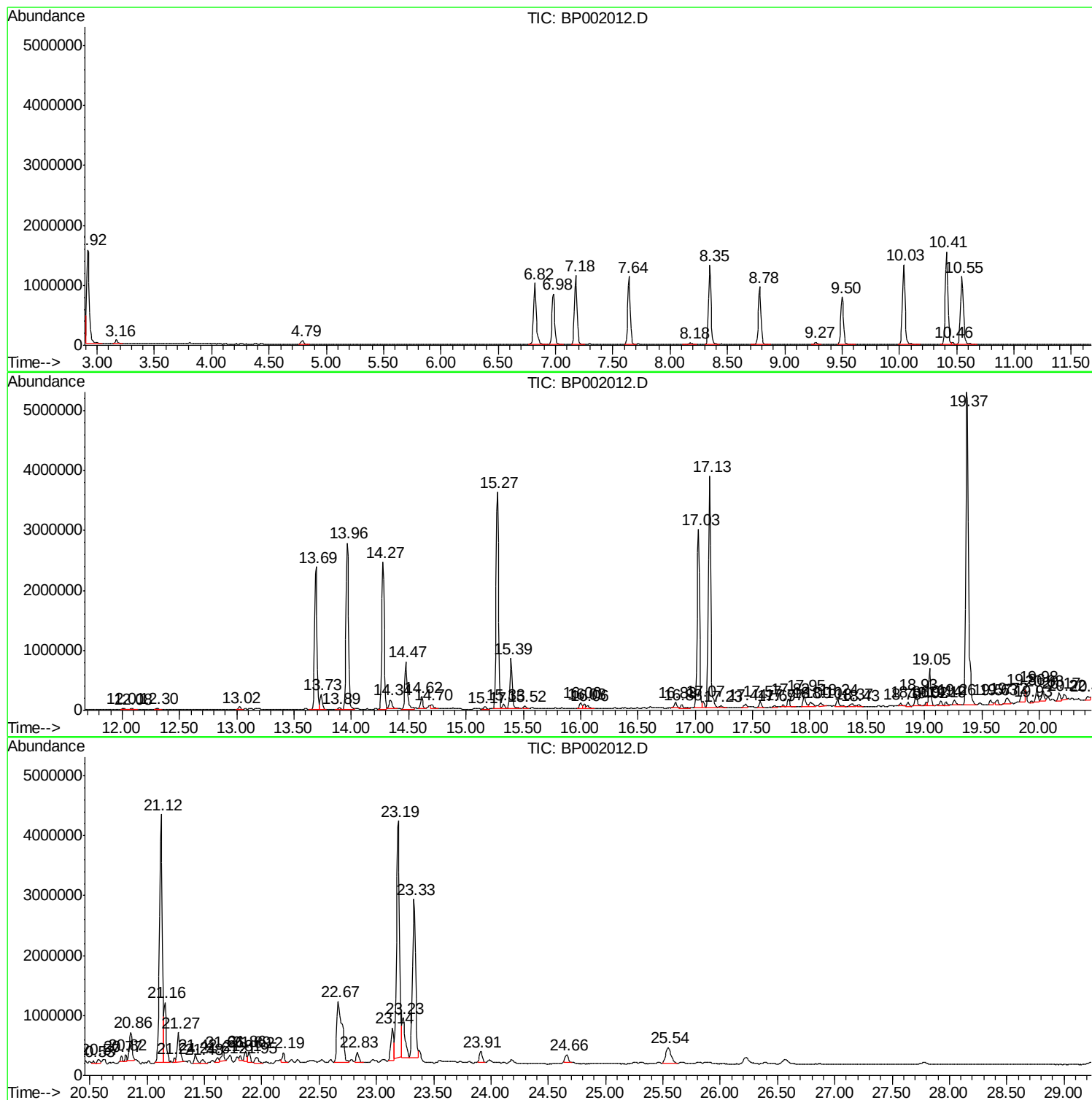
Sum of corrected areas: 96487960

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



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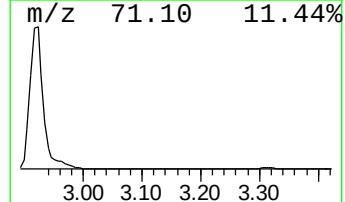
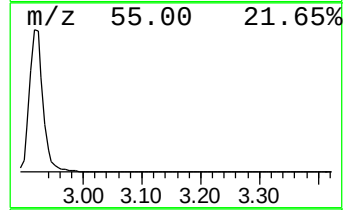
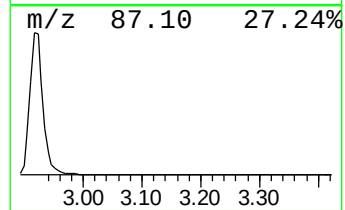
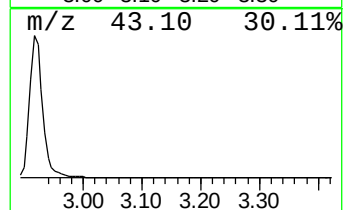
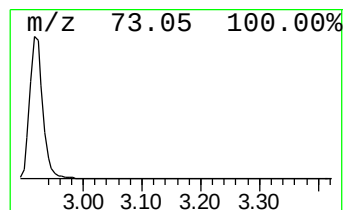
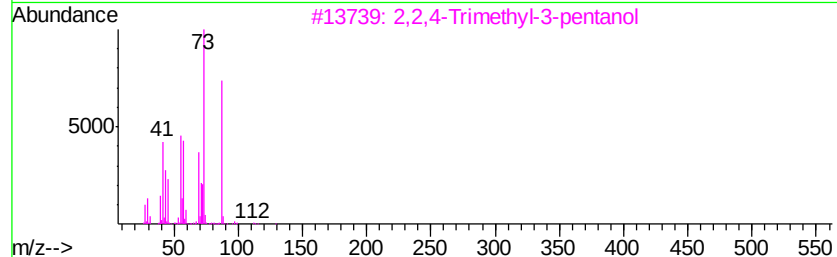
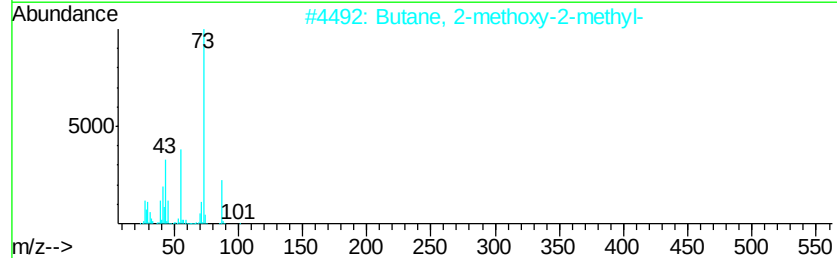
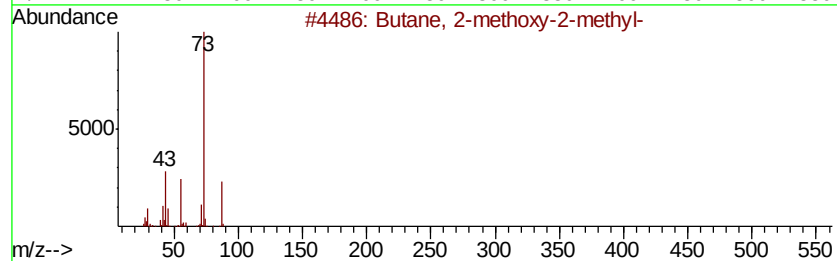
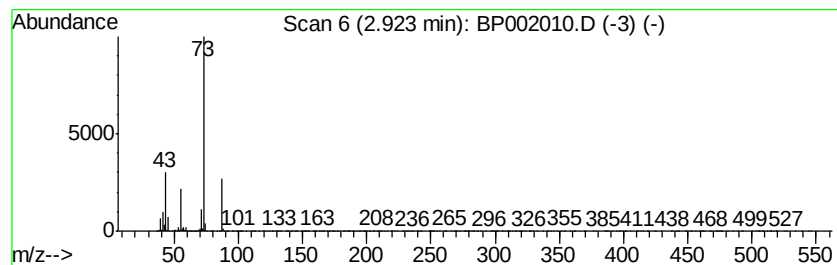
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	24.88 ng/ul	2210750	1,4-Dichlorobenzene-d4	7.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102 C6H14O	036839-67-5	23
5	Borane, dimethoxy-	74 C2H7BO2	004542-61-4	9



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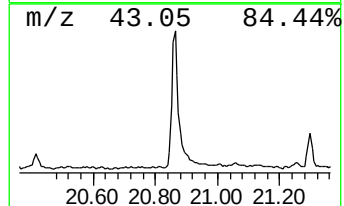
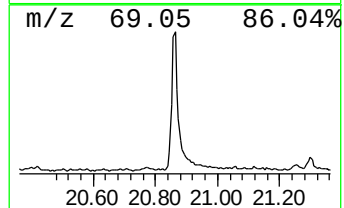
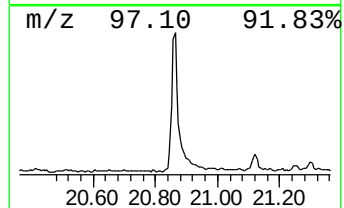
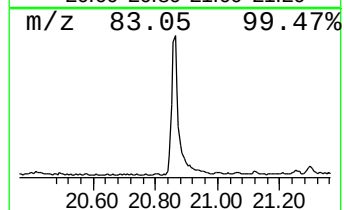
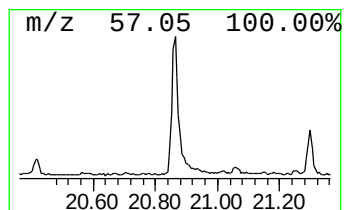
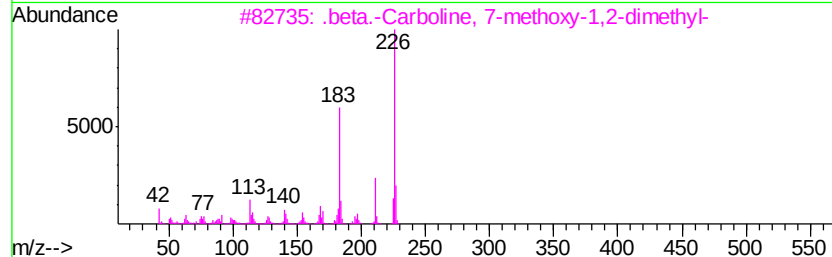
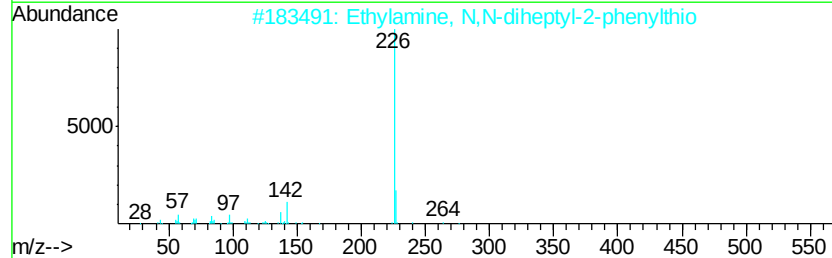
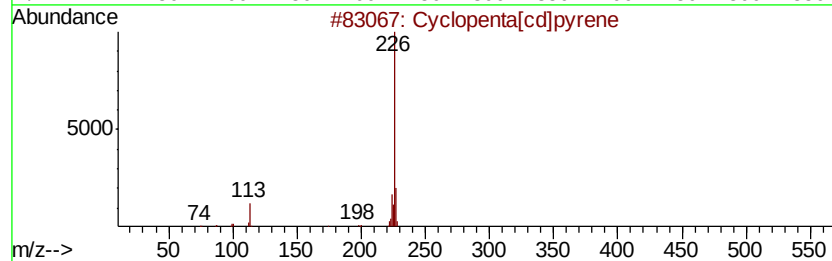
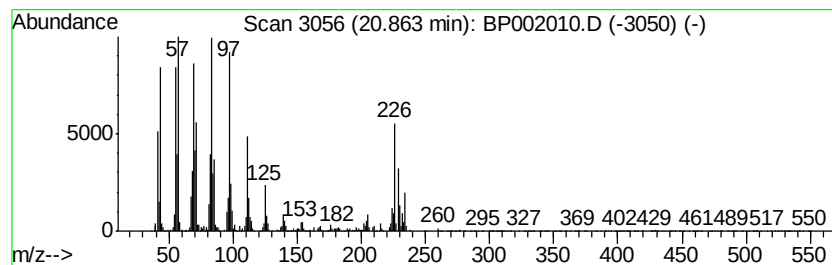
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.16 ng/ul	764417	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	42
2		Ethylamine, N,N-diheptyl-2-pheny...	349	C22H39NS	1000310-32-6	32
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	30
4		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	27
5		9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	27



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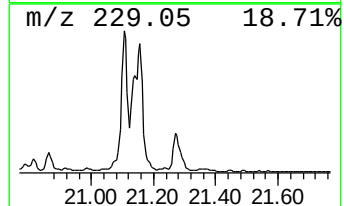
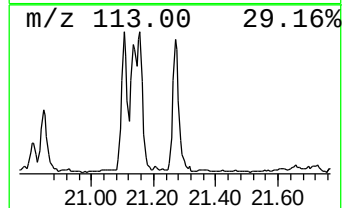
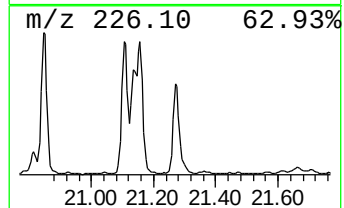
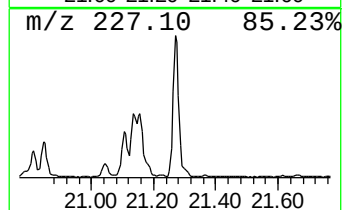
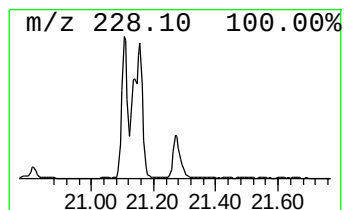
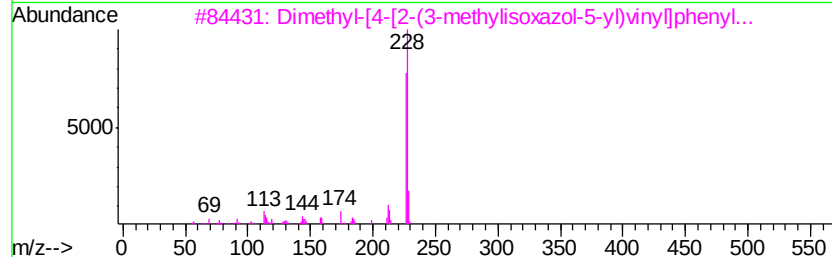
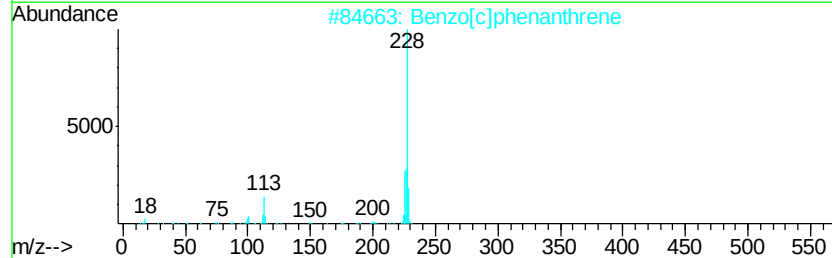
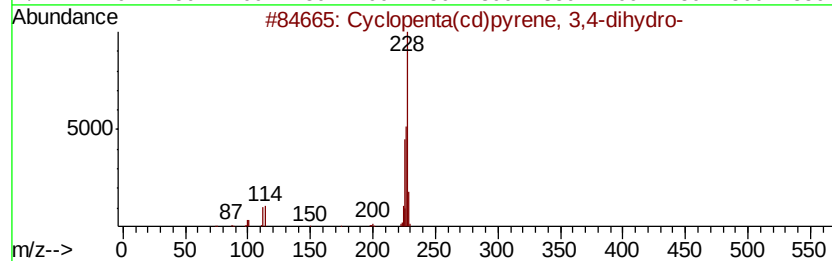
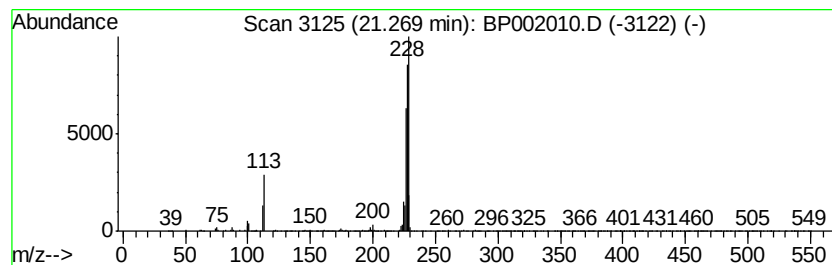
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.24 ng/ul	795879	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	92
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
5		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002010.D
Acq On : 03 Mar 2020 04:19
Operator : CG/JU
Sample : L1616-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBDR3

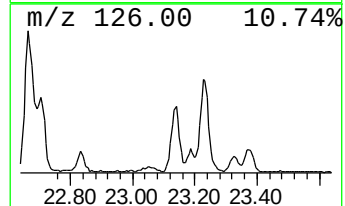
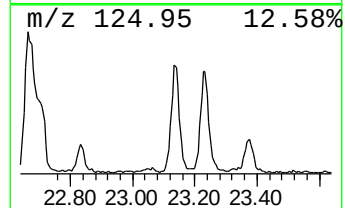
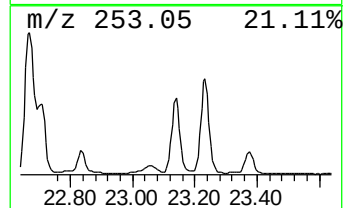
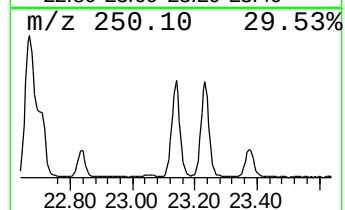
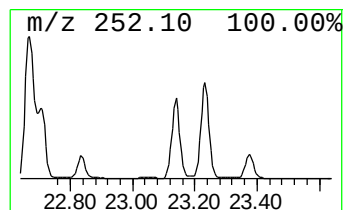
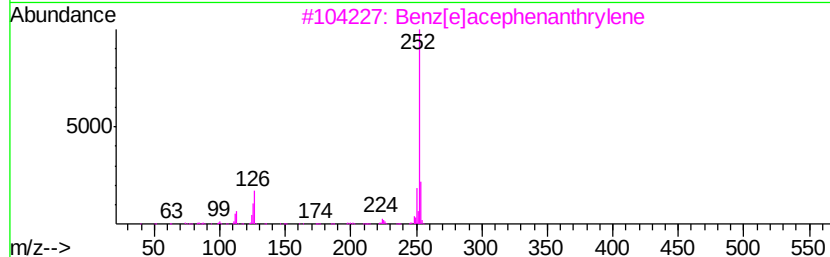
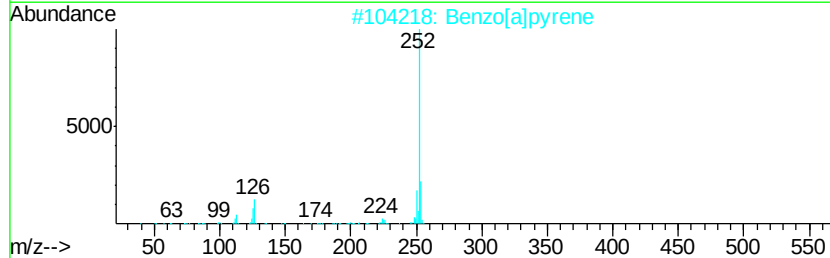
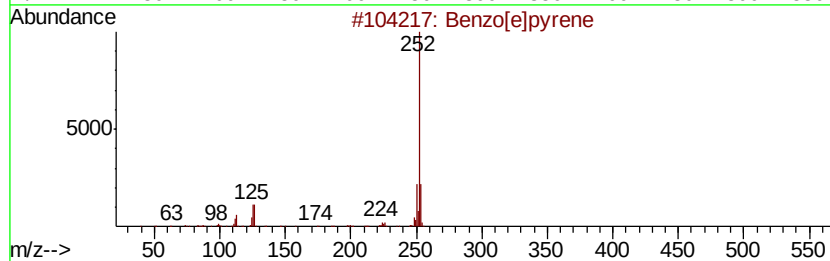
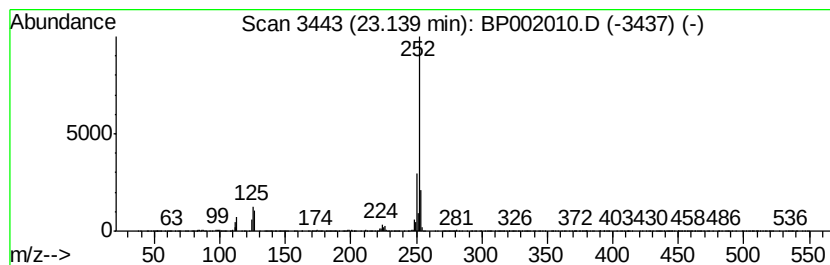
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	4.18 ng/ul	1008280	Perylene-d12	23.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene		252	C20H12	000192-97-2	98
2	Benzo[a]pyrene		252	C20H12	000050-32-8	97
3	Benz[e]acephenanthrylene		252	C20H12	000205-99-2	94
4	Benz[e]acephenanthrylene		252	C20H12	000205-99-2	93
5	Perylene		252	C20H12	000198-55-0	91



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Sample : L1616-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBDR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA 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
Butane, 2-methoxy...	2.92	24.9	ng/ul	2210750	1	7.64	1777470	20.0
unknown-01	20.86	2.2	ng/ul	764417	5	21.12	7092820	20.0
Cyclopenta(cd)pyr...	21.27	2.2	ng/ul	795879	5	21.12	7092820	20.0
Benzo[e]pyrene	23.14	4.2	ng/ul	1008280	6	23.33	4825190	20.0