

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
 Data File : BP001800.D
 Acq On : 20 Feb 2020 13:55
 Operator : CG/JU
 Sample : L1418-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C5AT4

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-BP021820MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.934	4	8	30	rVB	2352876	3115181	51.11%	4.407%
2	3.181	47	50	55	rVB	39379	44524	0.73%	0.063%
3	3.693	134	137	145	rVB4	7821	13840	0.23%	0.020%
4	3.822	155	159	165	rVB2	17490	29766	0.49%	0.042%
5	3.911	170	174	179	rVB	16785	24510	0.40%	0.035%
6	4.805	322	326	334	rVB	51207	76611	1.26%	0.108%
7	6.834	663	671	686	rBV	690325	1122105	18.41%	1.587%
8	6.999	692	699	708	rBV	626529	970491	15.92%	1.373%
9	7.193	725	732	748	rVB	771032	1221937	20.05%	1.729%
10	7.316	749	753	758	rVB5	7475	9954	0.16%	0.014%
11	7.657	801	811	822	rBV	1335421	2073809	34.02%	2.934%
12	8.199	898	903	913	rBV	21778	60587	0.99%	0.086%
13	8.363	924	931	941	rBV	620431	990555	16.25%	1.401%
14	8.469	944	949	955	rVB	31291	51387	0.84%	0.073%
15	8.799	997	1005	1016	rBV	699032	1108396	18.18%	1.568%
16	9.298	1084	1090	1098	rVB	25257	43435	0.71%	0.061%
17	9.516	1120	1127	1136	rBV	445981	722515	11.85%	1.022%
18	10.051	1210	1218	1228	rBV	854558	1416790	23.24%	2.004%
19	10.434	1273	1283	1296	rVV	1767372	3034628	49.79%	4.293%
20	10.563	1298	1305	1317	rVV	226092	383178	6.29%	0.542%
21	11.810	1510	1517	1523	rBV3	30322	59106	0.97%	0.084%
22	12.028	1548	1554	1561	rVB	19236	32397	0.53%	0.046%
23	12.798	1680	1685	1690	rBV8	7038	12186	0.20%	0.017%
24	12.910	1699	1704	1709	rBV9	5513	9639	0.16%	0.014%
25	13.210	1750	1755	1760	rBV2	10710	19532	0.32%	0.028%
26	13.704	1831	1839	1844	rBV	1583640	2137546	35.07%	3.024%
27	13.751	1844	1847	1856	rVB	204979	271185	4.45%	0.384%
28	13.981	1879	1886	1894	rBV	1996530	2918512	47.88%	4.128%
29	14.292	1932	1939	1953	rVB	2760642	4056145	66.54%	5.738%
30	14.481	1966	1971	1983	rBV	344128	525652	8.62%	0.744%
31	14.716	2008	2011	2017	rVB7	15105	21420	0.35%	0.030%
32	15.128	2077	2081	2085	rVB3	8855	11364	0.19%	0.016%
33	15.286	2102	2108	2121	rBV	2587286	3699304	60.69%	5.233%
34	15.404	2122	2128	2138	rBV	247126	370627	6.08%	0.524%

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35	15.533	2145	2150	2155	rVB	29685	43689	0.72%	0.062%
36	15.686	2170	2176	2181	rVB9	5945	12484	0.20%	0.018%
37	16.075	2240	2242	2248	rVB5	9111	12992	0.21%	0.018%
38	16.598	2327	2331	2338	rBV2	32157	50013	0.82%	0.071%
39	16.698	2343	2348	2357	rBV7	30314	59102	0.97%	0.084%
40	16.827	2366	2370	2378	rBV2	28627	42514	0.70%	0.060%
41	17.045	2400	2407	2412	rVV	3325875	4868997	79.88%	6.888%
42	17.080	2412	2413	2417	rVV	19795	19586	0.32%	0.028%
43	17.139	2417	2423	2432	rVV2	2844598	3938180	64.61%	5.571%
44	17.251	2438	2442	2448	rVB	75613	110130	1.81%	0.156%
45	17.339	2450	2457	2463	rBV	269847	368614	6.05%	0.521%
46	17.422	2464	2471	2474	rVV5	22266	43128	0.71%	0.061%
47	17.457	2474	2477	2482	rVB5	15663	23022	0.38%	0.033%
48	17.592	2496	2500	2504	rBV	19111	24296	0.40%	0.034%
49	17.669	2509	2513	2517	rVV3	35681	51368	0.84%	0.073%
50	17.839	2538	2542	2546	rVB	64186	73242	1.20%	0.104%
51	17.916	2551	2555	2559	rBV6	16459	28380	0.47%	0.040%
52	17.963	2559	2563	2572	rBV3	86287	200770	3.29%	0.284%
53	18.039	2573	2576	2580	rVB5	21083	27290	0.45%	0.039%
54	18.086	2581	2584	2586	rBV3	18969	22435	0.37%	0.032%
55	18.122	2586	2590	2596	rVB	178619	223813	3.67%	0.317%
56	18.204	2601	2604	2607	rBV5	7951	10284	0.17%	0.015%
57	18.257	2609	2613	2616	rBV4	22753	35262	0.58%	0.050%
58	18.310	2619	2622	2625	rVB2	27715	31681	0.52%	0.045%
59	18.386	2632	2635	2640	rVB4	34473	41579	0.68%	0.059%
60	18.457	2644	2647	2648	rBV3	16620	18490	0.30%	0.026%
61	18.510	2654	2656	2663	rVB7	20120	29421	0.48%	0.042%
62	18.651	2678	2680	2683	rBV3	14227	15506	0.25%	0.022%
63	18.686	2683	2686	2689	rVV4	24444	25218	0.41%	0.036%
64	18.798	2697	2705	2710	rBV5	54385	117907	1.93%	0.167%
65	18.869	2714	2717	2722	rVB3	38204	46133	0.76%	0.065%
66	18.921	2723	2726	2730	rBV4	21828	31111	0.51%	0.044%
67	18.998	2736	2739	2741	rBV	27441	30705	0.50%	0.043%
68	19.027	2742	2744	2747	rVV	33649	45659	0.75%	0.065%
69	19.063	2747	2750	2754	rVB	43361	52816	0.87%	0.075%
70	19.227	2772	2778	2782	rBV2	57183	99879	1.64%	0.141%
71	19.274	2783	2786	2792	rVV	33022	47700	0.78%	0.067%

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72	19.386	2799	2805	2816	rVB	3768843	5124064	84.06%	7.248%
73	19.563	2832	2835	2837	rBV3	23367	27623	0.45%	0.039%
74	19.916	2890	2895	2898	rBV2	102266	165887	2.72%	0.235%
75	20.068	2917	2921	2924	rVB2	44380	52270	0.86%	0.074%
76	20.110	2925	2928	2931	rVB	34738	36526	0.60%	0.052%
77	20.192	2938	2942	2946	rBV3	134990	202390	3.32%	0.286%
78	20.292	2955	2959	2962	rBV	302211	426938	7.00%	0.604%
79	20.363	2967	2971	2975	rVV	471409	624613	10.25%	0.884%
80	20.427	2979	2982	2990	rVB3	172640	228103	3.74%	0.323%
81	20.510	2994	2996	2999	rVB3	30347	28291	0.46%	0.040%
82	20.827	3047	3050	3054	rBV2	44385	73721	1.21%	0.104%
83	20.880	3055	3059	3064	rVV2	285247	438571	7.20%	0.620%
84	20.927	3064	3067	3077	rVB	183662	261022	4.28%	0.369%
85	21.133	3097	3102	3108	rBV	4589664	5638782	92.51%	7.976%
86	21.321	3131	3134	3137	rVB	82936	85596	1.40%	0.121%
87	21.463	3155	3158	3167	rVB2	67470	113334	1.86%	0.160%
88	21.751	3204	3207	3214	rVB	172532	218983	3.59%	0.310%
89	22.215	3282	3286	3292	rVB	225466	288411	4.73%	0.408%
90	22.339	3302	3307	3317	rVB2	323185	537997	8.83%	0.761%
91	22.727	3369	3373	3382	rVB	414945	604729	9.92%	0.855%
92	23.209	3448	3455	3462	rBV	2677101	4998483	82.00%	7.071%
93	23.298	3466	3470	3473	rVV	345989	642273	10.54%	0.909%
94	23.351	3473	3479	3493	rVB	3176107	6095385	100.00%	8.622%
95	23.657	3528	3531	3537	rVB2	125597	197986	3.25%	0.280%
96	23.780	3548	3552	3566	rVB2	207376	401612	6.59%	0.568%
97	23.951	3576	3581	3588	rBV2	295526	555149	9.11%	0.785%
98	24.204	3620	3624	3631	rVB3	140180	259509	4.26%	0.367%
99	24.386	3652	3655	3661	rVB3	134426	238110	3.91%	0.337%
100	24.709	3705	3710	3724	rVB	220024	544181	8.93%	0.770%

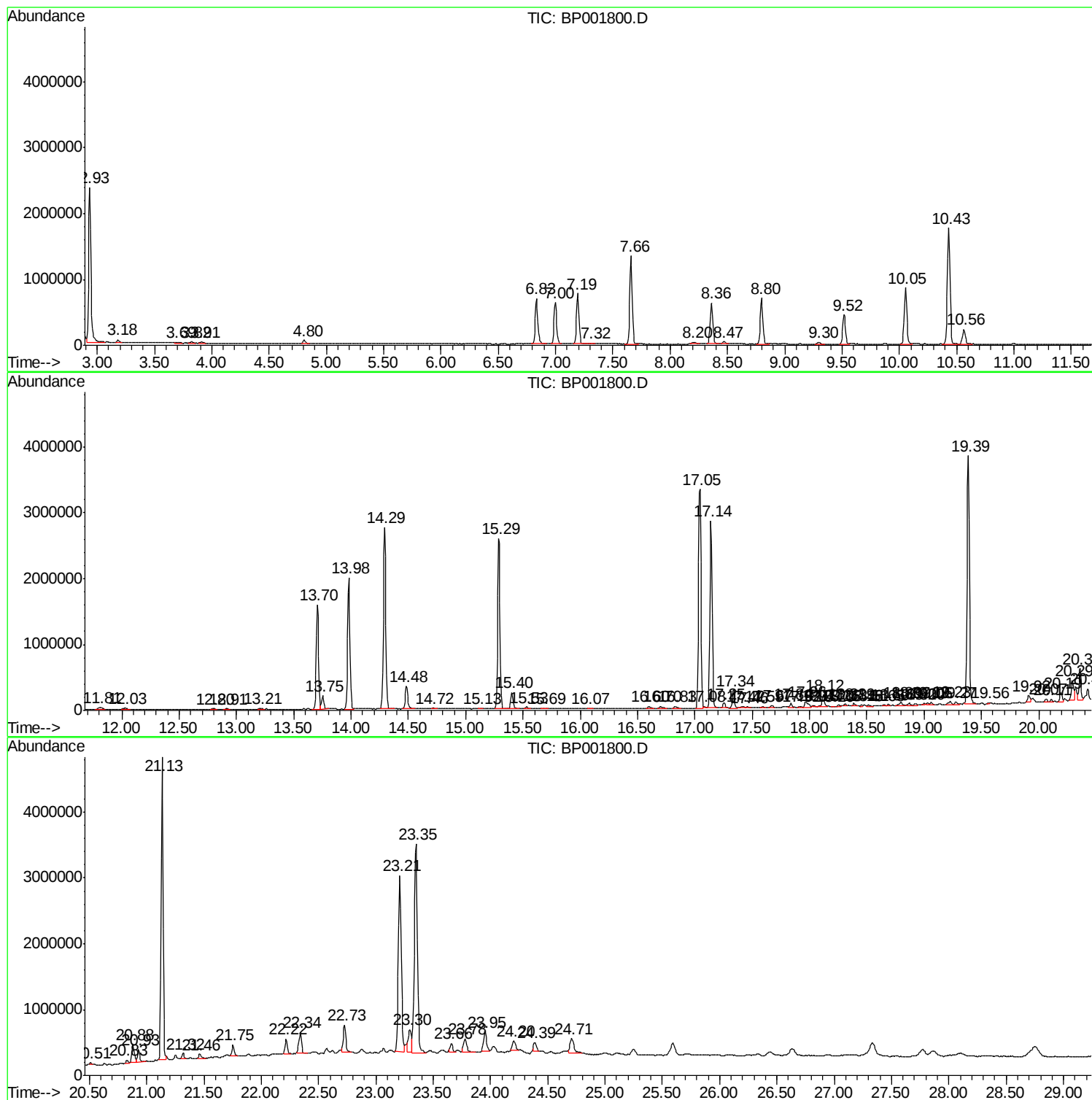
Sum of corrected areas: 70692749

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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



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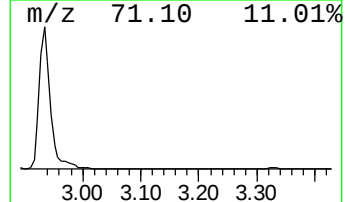
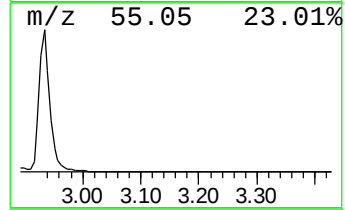
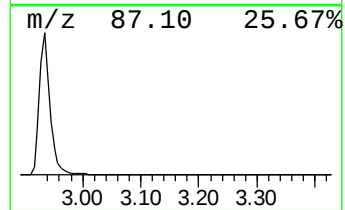
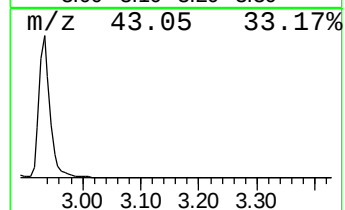
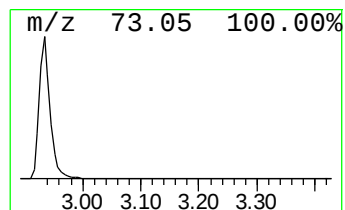
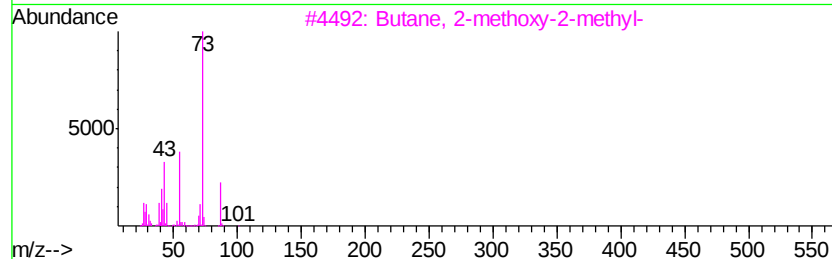
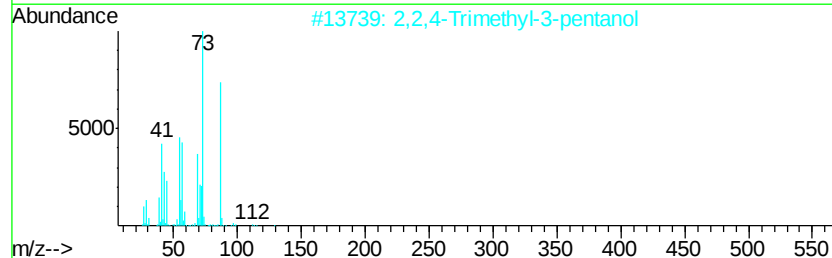
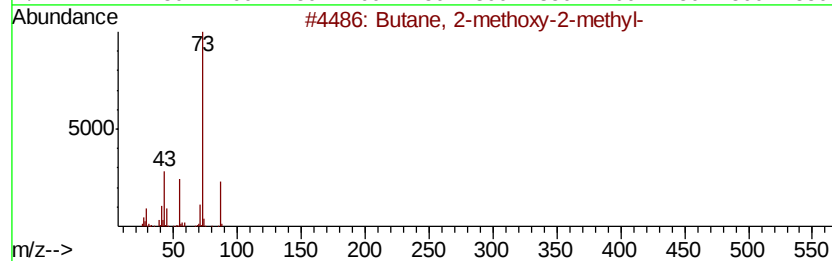
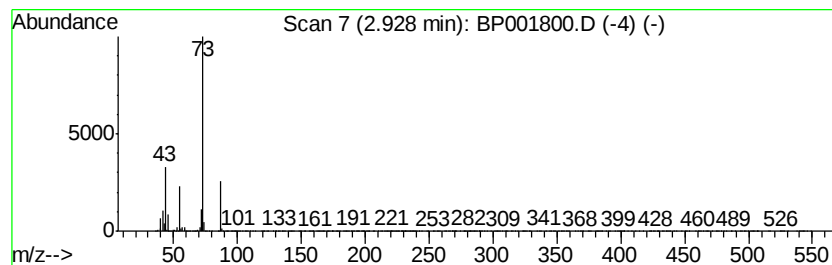
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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.
2.93	30.04 ng/ul	3115180	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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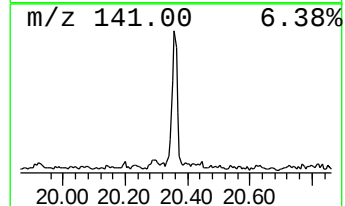
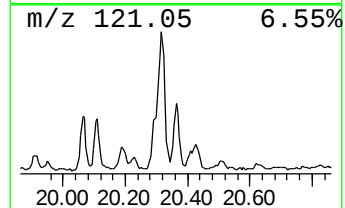
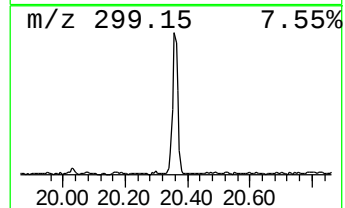
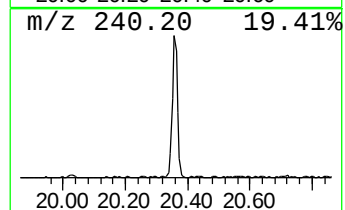
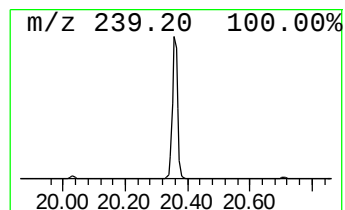
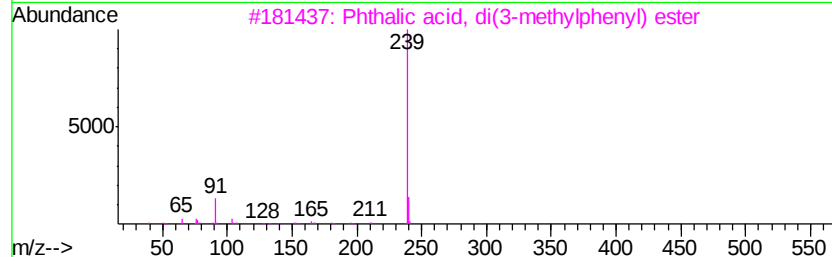
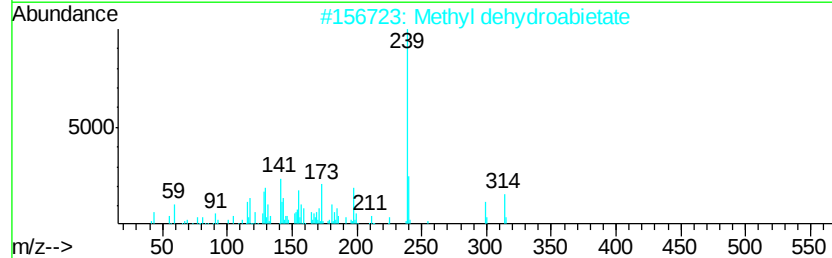
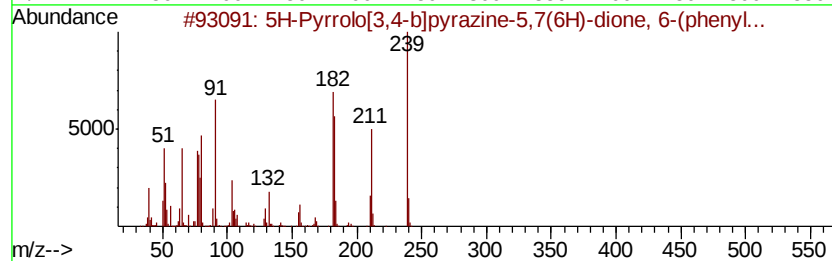
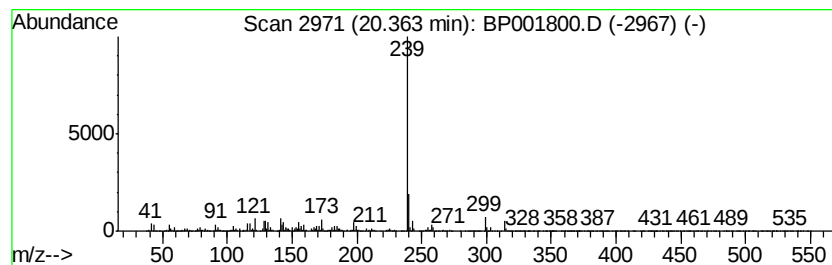
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 5H-Pyrrolo[3,4-b]pyrazine-5... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.36	2.22 ng/ul	624613	Chrysene-d12	21.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo[3,4-b]pvrazine-5,7(6H...	239	C13H9N3O2	1000337-19-6	94	
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	59	
3	Phthalic acid, di(3-methylphenyl...	346	C22H18O4	1000315-37-3	53	
4	Phthalic acid, 4-methoxyphenyl 3...	362	C22H18O5	1000315-68-0	45	
5	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	45	



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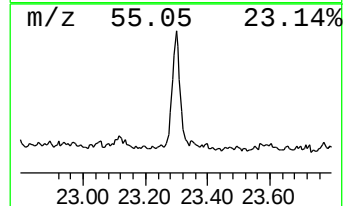
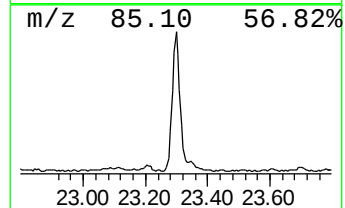
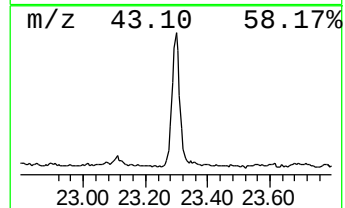
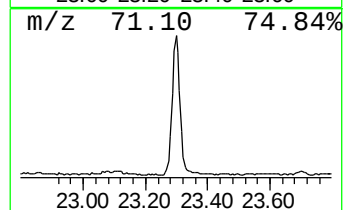
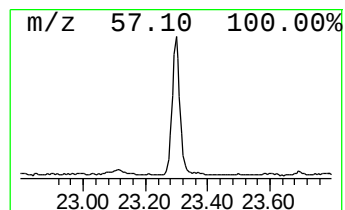
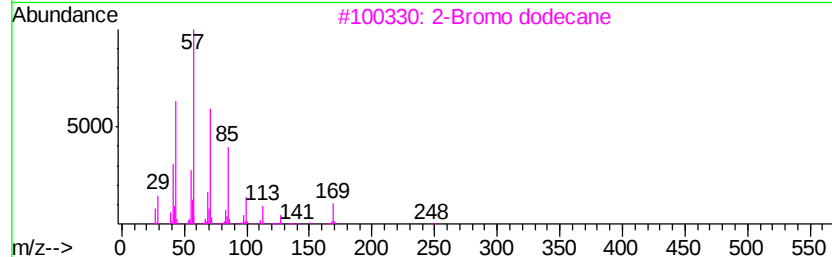
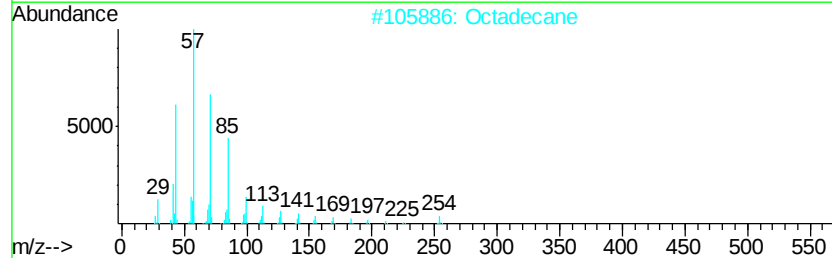
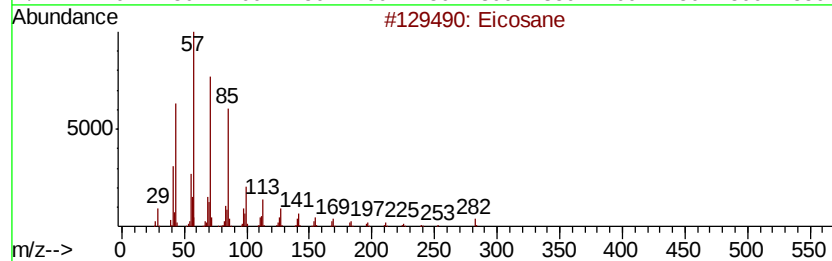
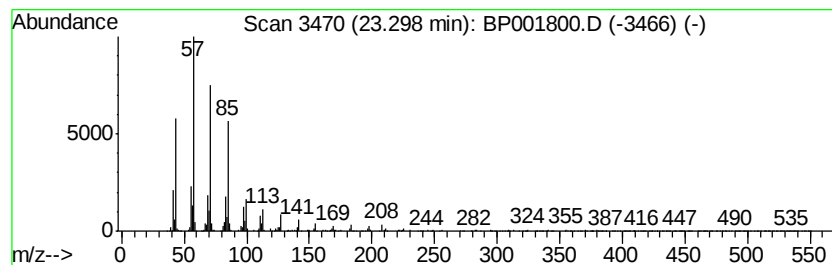
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	2.11 ng/ul	642273	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Octadecane	254	C18H38	000593-45-3	94
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022020\
Data File : BP001800.D
Acq On : 20 Feb 2020 13:55
Operator : CG/JU
Sample : L1418-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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...	2.93	30.0	ng/ul	3115180	1	7.66	2073810	20.0
5H-Pyrrolo[3,4-b]...	20.36	2.2	ng/ul	624613	5	21.13	5638780	20.0
(DEL) Alkane: Str...	23.30	2.1	ng/ul	642273	6	23.35	6095390	20.0