

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
 Data File : BN003905.D
 Acq On : 13 Dec 2018 23:26
 Operator : JU/SJ
 Sample : J6229-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F06

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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_N\METHODS\SOM-EPA-BN121218MA.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	3.016	3	5	29	rVB	325016	504347	52.68%	6.469%
2	3.805	136	139	147	rVB	9355	14979	1.56%	0.192%
3	6.987	673	680	690	rBV2	48696	87819	9.17%	1.126%
4	7.163	705	710	719	rBB	38431	57504	6.01%	0.738%
5	7.357	738	743	750	rBB	47762	71180	7.44%	0.913%
6	7.828	818	823	830	rBB	70982	111765	11.67%	1.434%
7	8.522	936	941	949	rBB	42640	67189	7.02%	0.862%
8	8.993	1016	1021	1029	rBB	46784	76837	8.03%	0.986%
9	9.710	1138	1143	1149	rBB	39166	58682	6.13%	0.753%
10	10.240	1228	1233	1242	rBB	63615	101228	10.57%	1.298%
11	10.622	1292	1298	1307	rBB	126979	211371	22.08%	2.711%
12	10.769	1317	1323	1335	rBV	38596	65815	6.87%	0.844%
13	13.722	1820	1825	1829	rBB	52217	66186	6.91%	0.849%
14	13.869	1845	1850	1854	rBV	151546	195018	20.37%	2.501%
15	13.916	1854	1858	1863	rVB	35533	44496	4.65%	0.571%
16	14.157	1894	1899	1912	rVB	168451	243833	25.47%	3.127%
17	14.269	1914	1918	1922	rBB	16002	18306	1.91%	0.235%
18	14.345	1926	1931	1935	rBB	31407	37052	3.87%	0.475%
19	14.463	1945	1951	1959	rBV2	220630	334299	34.92%	4.288%
20	14.663	1980	1985	2000	rBB	56069	88634	9.26%	1.137%
21	15.457	2114	2120	2126	rBV	245320	334511	34.94%	4.291%
22	15.575	2136	2140	2146	rBV	52895	67530	7.05%	0.866%
23	17.210	2412	2418	2423	rBV2	330351	461374	48.19%	5.918%
24	17.251	2423	2425	2429	rVV	14913	15125	1.58%	0.194%
25	17.304	2429	2434	2444	rVB	262550	367494	38.39%	4.714%
26	18.074	2562	2565	2570	rBV2	21191	26560	2.77%	0.341%
27	18.127	2570	2574	2578	rVB	11035	13314	1.39%	0.171%
28	19.263	2763	2767	2771	rVB	20509	24652	2.58%	0.316%
29	19.504	2802	2808	2811	rBV3	13880	16943	1.77%	0.217%
30	19.598	2818	2824	2834	rVB	414677	577268	60.30%	7.404%
31	20.115	2904	2912	2916	rBV4	6138	11614	1.21%	0.149%
32	20.274	2933	2939	2945	rBV2	10713	17562	1.83%	0.225%
33	20.463	2967	2971	2976	rVV2	19709	26086	2.72%	0.335%
34	20.551	2982	2986	2989	rVB	14620	15490	1.62%	0.199%

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35	21.110	3072	3081	3087	rBV7	14339	51197	5.35%	0.657%
36	21.386	3121	3128	3133	rBV	622623	811668	84.79%	10.411%
37	21.421	3133	3134	3141	rVV	32149	32711	3.42%	0.420%
38	21.504	3145	3148	3152	rVB3	10198	12117	1.27%	0.155%
39	21.945	3216	3223	3228	rBV2	29925	47638	4.98%	0.611%
40	21.998	3228	3232	3236	rBV2	15725	24251	2.53%	0.311%
41	22.421	3300	3304	3309	rBV	22642	29686	3.10%	0.381%
42	22.939	3388	3392	3397	rVB	40181	57162	5.97%	0.733%
43	22.992	3397	3401	3407	rBV2	26110	56184	5.87%	0.721%
44	23.551	3482	3496	3502	rBV	407671	866596	90.52%	11.115%
45	23.698	3514	3521	3535	rVB2	481277	957315	100.00%	12.279%
46	24.186	3599	3604	3611	rBV2	48213	91466	9.55%	1.173%
47	24.956	3729	3735	3742	rBV2	28818	59788	6.25%	0.767%
48	25.856	3882	3888	3899	rVB2	25902	67857	7.09%	0.870%
49	26.221	3942	3950	3960	rVB2	76815	198778	20.76%	2.550%

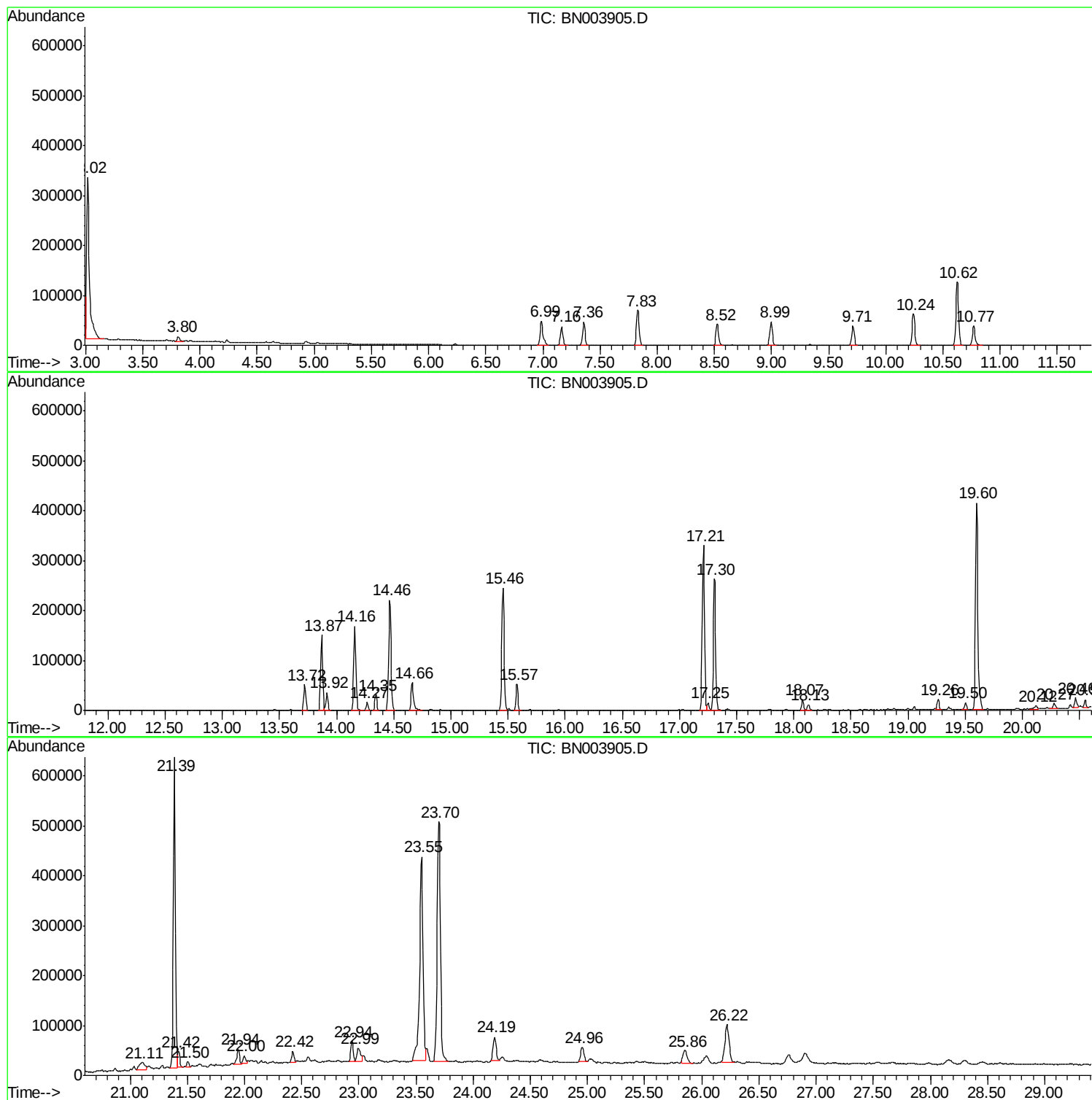
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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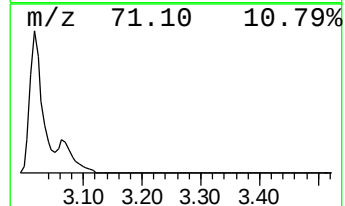
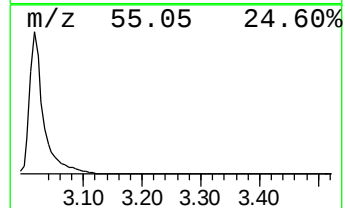
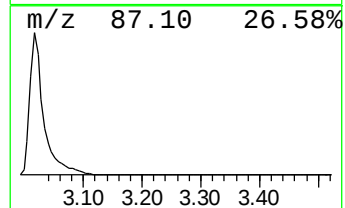
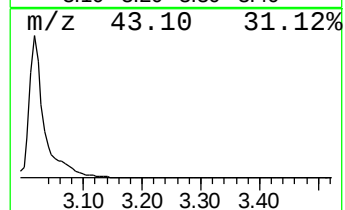
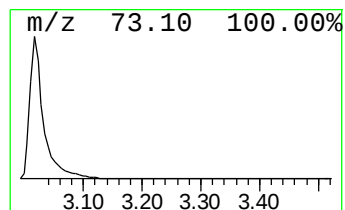
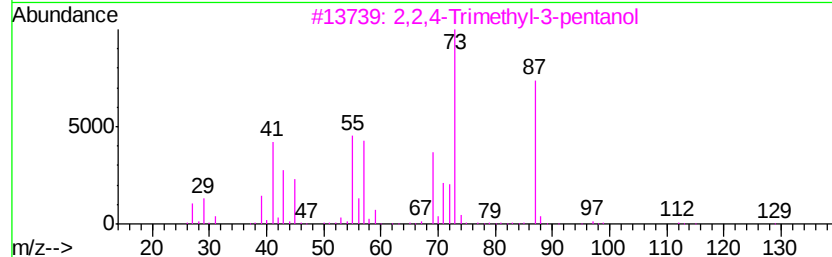
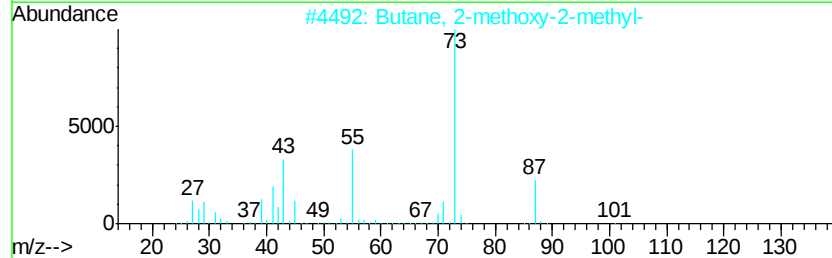
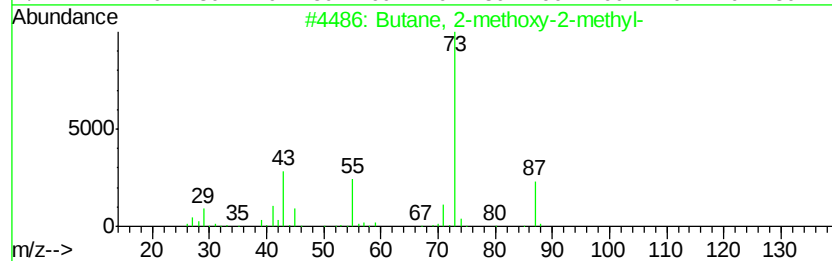
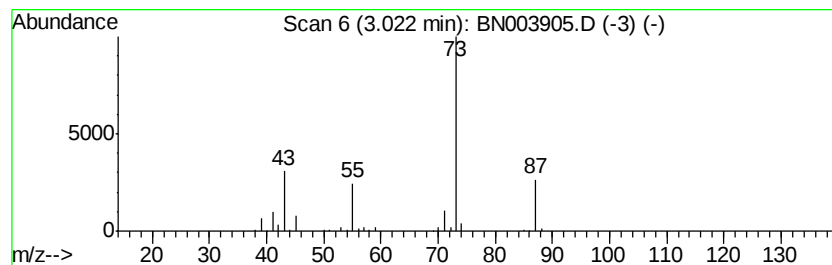
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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.
3.02	90.25 ng/ul	504347	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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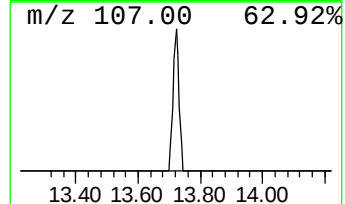
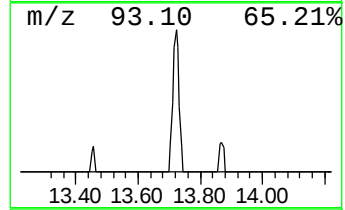
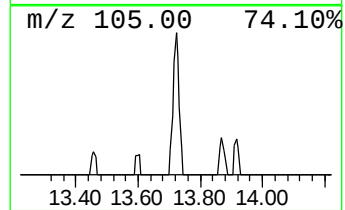
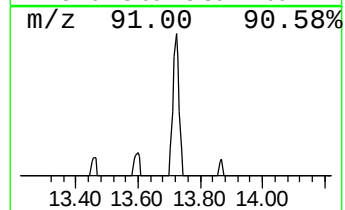
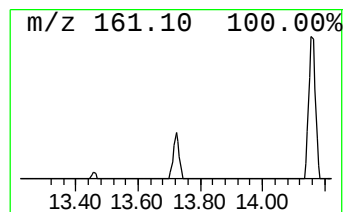
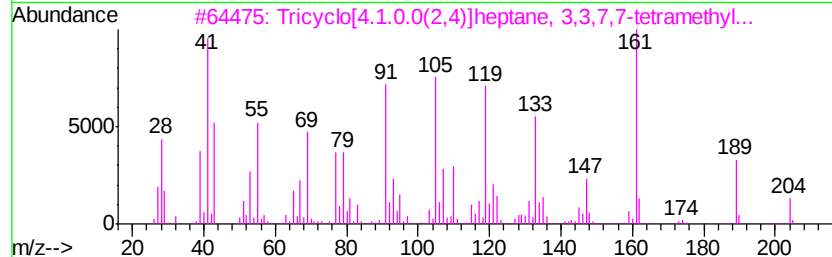
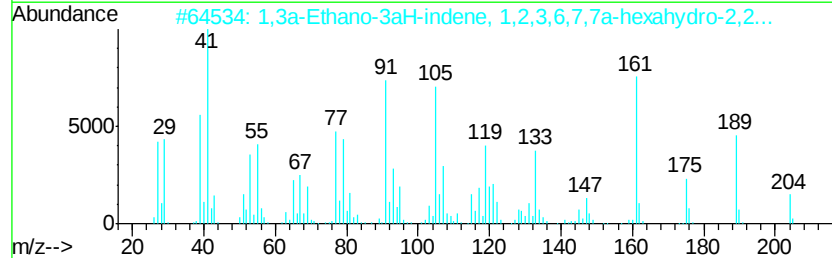
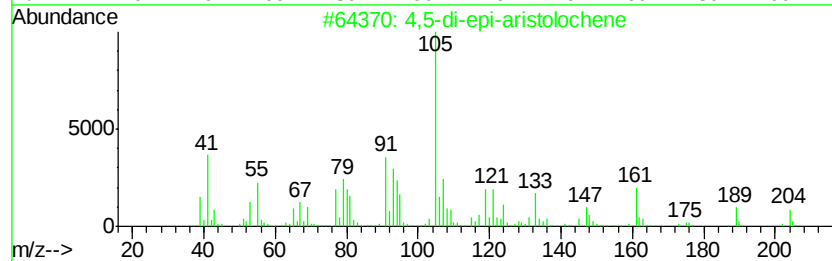
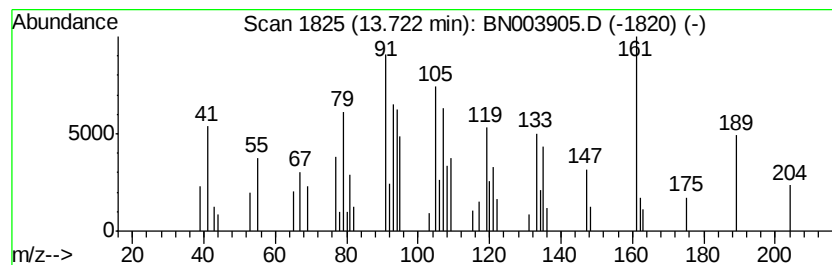
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4,5-di-epi-aristolochene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.96 ng/ul	66186	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	89
2			1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	83
3			Tricyclo[4.1.0.0(2,4)]heptane, 3...	204	C15H24	056348-21-1	64
4			Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	62
5			Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	62



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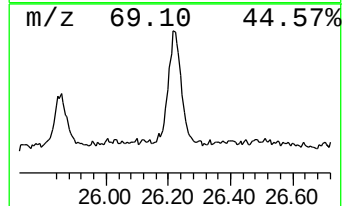
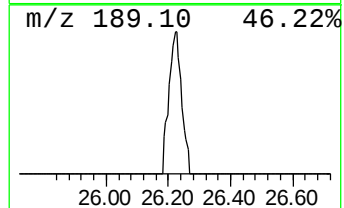
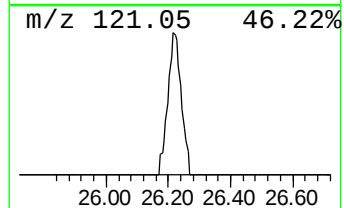
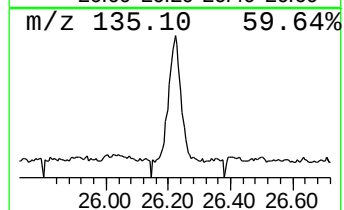
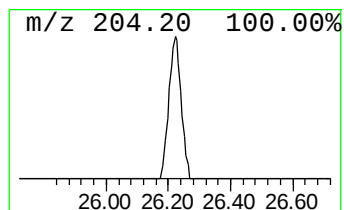
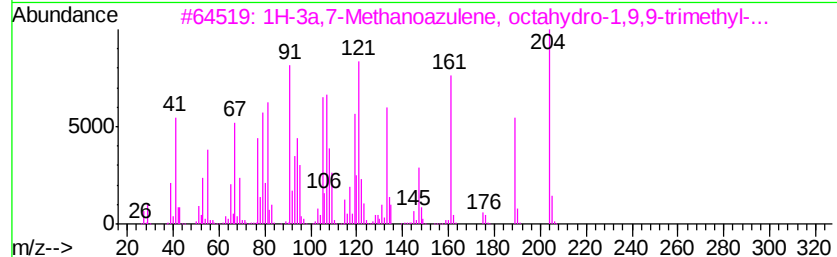
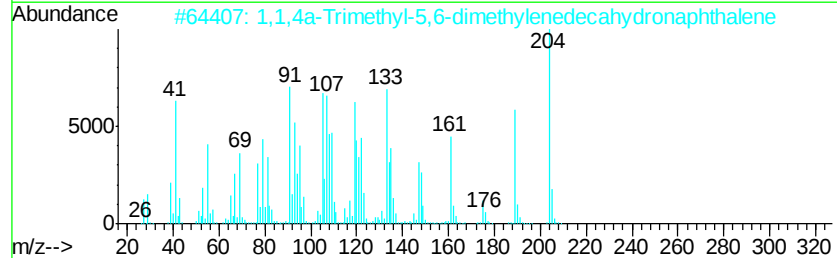
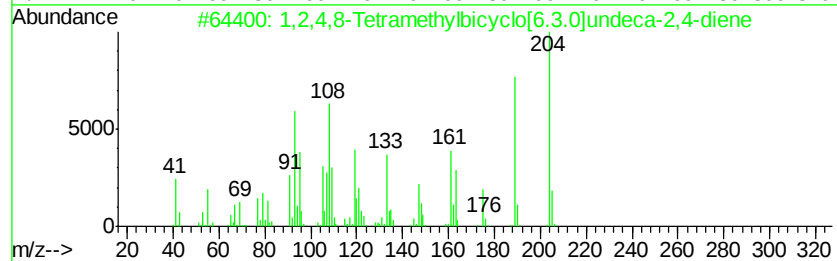
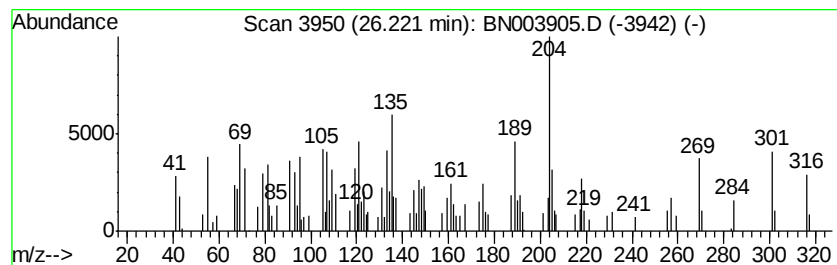
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Peak Number 5 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	4.15 ng/ul	198778	Perylene-d12	23.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24		137235-51-9	70
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24		1000193-60-8	58
3	1H-3a,7-Methanoazulene, octahydr...	204	C15H24		000508-55-4	55
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O		124957-09-1	45
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24		000489-40-7	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	90.3	ng/ul	504347	1	7.83	111765	20.0
4,5-di-epi-aristo...	13.72	4.0	ng/ul	66186	3	14.46	334299	20.0
unknown-01	14.35	2.2	ng/ul	37052	3	14.46	334299	20.0
1,2,4,8-Tetrameth...	26.22	4.2	ng/ul	198778	6	23.70	957315	20.0