

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029494.D
 Acq On : 15 Apr 2021 09:29
 Operator : CG/JU
 Sample : M1957-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B20

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_M\METHODS\SOM-EPA-BM040721MA.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	2.940	6	9	15	rVB	117399	130444	5.99%	1.076%
2	3.017	19	22	25	rVV	35804	35897	1.65%	0.296%
3	3.046	25	27	29	rVV2	15191	13951	0.64%	0.115%
4	3.070	29	31	33	rVV	21875	19290	0.89%	0.159%
5	3.105	33	37	42	rVB	2228749	2177692	100.00%	17.966%
6	3.405	85	88	90	rBV4	5382	7528	0.35%	0.062%
7	3.440	90	94	101	rVB	60711	75010	3.44%	0.619%
8	3.528	105	109	113	rVB5	3934	5512	0.25%	0.045%
9	3.811	154	157	161	rVB5	3250	3773	0.17%	0.031%
10	3.905	168	173	180	rVB	23637	28708	1.32%	0.237%
11	4.081	197	203	208	rBV7	3709	6732	0.31%	0.056%
12	4.252	228	232	235	rVB2	6604	8146	0.37%	0.067%
13	4.440	262	264	269	rVB4	3013	4293	0.20%	0.035%
14	5.146	380	384	387	rBV5	2800	4122	0.19%	0.034%
15	5.205	391	394	399	rVB2	8063	10167	0.47%	0.084%
16	5.340	410	417	425	rBV2	23429	48392	2.22%	0.399%
17	5.499	441	444	450	rVB6	2334	3632	0.17%	0.030%
18	5.705	474	479	484	rBV4	17349	27469	1.26%	0.227%
19	5.958	518	522	527	rVB6	2422	4137	0.19%	0.034%
20	6.181	555	560	565	rBV7	2523	5118	0.24%	0.042%
21	6.322	577	584	586	rBV8	2278	3525	0.16%	0.029%
22	6.675	635	644	652	rVB7	3110	8731	0.40%	0.072%
23	6.769	656	660	666	rVV	11427	18376	0.84%	0.152%
24	6.828	666	670	678	rVV2	7579	14432	0.66%	0.119%
25	6.899	678	682	690	rVB4	4944	9090	0.42%	0.075%
26	7.069	706	711	716	rBV4	4774	7372	0.34%	0.061%
27	7.322	747	754	760	rBV4	15889	33604	1.54%	0.277%
28	7.675	807	814	827	rBV	524677	836807	38.43%	6.904%
29	7.793	829	834	841	rVB6	4848	9916	0.46%	0.082%
30	8.216	902	906	912	rBV4	3908	6693	0.31%	0.055%
31	8.316	917	923	936	rVB5	5521	14317	0.66%	0.118%
32	8.675	981	984	988	rVB4	2658	3150	0.14%	0.026%
33	8.775	997	1001	1006	rBV2	4984	7574	0.35%	0.062%
34	8.904	1017	1023	1030	rVB4	7529	11862	0.54%	0.098%

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35	9.028	1039	1044	1048	rVB5	1951	3715	0.17%	0.031%
36	9.869	1182	1187	1189	rVB4	2272	3423	0.16%	0.028%
37	10.322	1260	1264	1270	rBV5	2995	4294	0.20%	0.035%
38	10.451	1280	1286	1293	rBV	669233	1146726	52.66%	9.461%
39	10.504	1293	1295	1300	rVB	16322	21605	0.99%	0.178%
40	10.581	1305	1308	1313	rBV5	2146	3125	0.14%	0.026%
41	10.634	1313	1317	1320	rVB4	2182	2659	0.12%	0.022%
42	10.922	1362	1366	1374	rBV6	2834	5328	0.24%	0.044%
43	11.140	1397	1403	1410	rBV7	2601	5333	0.24%	0.044%
44	11.493	1458	1463	1468	rVB4	1968	3550	0.16%	0.029%
45	11.893	1527	1531	1539	rVB4	4253	7102	0.33%	0.059%
46	12.122	1562	1570	1577	rBV	9926	17825	0.82%	0.147%
47	12.345	1603	1608	1612	rBV3	5528	8119	0.37%	0.067%
48	12.863	1692	1696	1699	rVB4	2322	3013	0.14%	0.025%
49	13.087	1731	1734	1738	rBV5	1966	3937	0.18%	0.032%
50	13.151	1738	1745	1747	rBV4	5735	7392	0.34%	0.061%
51	13.481	1796	1801	1803	rBV4	3933	6266	0.29%	0.052%
52	13.634	1822	1827	1832	rBV6	5819	9962	0.46%	0.082%
53	13.687	1832	1836	1839	rVV4	3937	4523	0.21%	0.037%
54	13.734	1841	1844	1850	rVB4	4805	7151	0.33%	0.059%
55	13.810	1850	1857	1860	rBV6	5191	9089	0.42%	0.075%
56	13.857	1860	1865	1871	rVB8	2957	6897	0.32%	0.057%
57	14.057	1895	1899	1900	rBV4	2819	3108	0.14%	0.026%
58	14.151	1910	1915	1919	rVB6	6562	8389	0.39%	0.069%
59	14.228	1923	1928	1932	rBV2	9928	13446	0.62%	0.111%
60	14.316	1934	1943	1951	rBV	976262	1469503	67.48%	12.124%
61	14.404	1956	1958	1962	rVB5	3226	3286	0.15%	0.027%
62	14.645	1994	1999	2000	rBV5	2784	3352	0.15%	0.028%
63	14.716	2004	2011	2018	rVB6	10555	20341	0.93%	0.168%
64	14.792	2022	2024	2029	rVB6	4373	4439	0.20%	0.037%
65	14.851	2029	2034	2037	rBV5	5488	8615	0.40%	0.071%
66	14.981	2054	2056	2061	rVB4	6486	7830	0.36%	0.065%
67	15.039	2061	2066	2067	rBV4	4860	6783	0.31%	0.056%
68	15.110	2074	2078	2082	rVB6	8017	11506	0.53%	0.095%
69	15.145	2082	2084	2087	rVB3	2641	3233	0.15%	0.027%
70	15.181	2087	2090	2099	rBV4	12145	25819	1.19%	0.213%
71	15.363	2118	2121	2124	rVB5	7804	8998	0.41%	0.074%

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72	15.586	2155	2159	2163	rVB6	9645	15115	0.69%	0.125%
73	15.804	2193	2196	2204	rBV10	5084	9129	0.42%	0.075%
74	16.045	2233	2237	2238	rBV3	20201	26392	1.21%	0.218%
75	16.063	2238	2240	2245	rVB2	26420	31568	1.45%	0.260%
76	16.833	2369	2371	2375	rVV4	13000	11478	0.53%	0.095%
77	16.880	2376	2379	2384	rVB3	26924	39394	1.81%	0.325%
78	17.057	2403	2409	2413	rBV	1049898	1511506	69.41%	12.470%
79	17.098	2413	2416	2424	rVB	144634	192669	8.85%	1.590%
80	18.122	2587	2590	2594	rVB5	30620	39024	1.79%	0.322%
81	18.898	2719	2722	2727	rVB6	26204	32141	1.48%	0.265%
82	18.986	2733	2737	2742	rVB7	29744	47249	2.17%	0.390%
83	19.116	2754	2759	2763	rBV	136707	188253	8.64%	1.553%
84	19.263	2782	2784	2788	rVB4	28797	29083	1.34%	0.240%
85	19.392	2802	2806	2810	rBV	169372	182322	8.37%	1.504%
86	19.445	2812	2815	2817	rBV3	22172	27545	1.26%	0.227%
87	19.474	2817	2820	2823	rVV	70850	81102	3.72%	0.669%
88	19.510	2824	2826	2830	rVB4	34063	36400	1.67%	0.300%
89	19.974	2901	2905	2908	rBV3	82508	98907	4.54%	0.816%
90	20.010	2908	2911	2916	rVB2	40490	46977	2.16%	0.388%
91	20.251	2948	2952	2957	rVB2	63845	73897	3.39%	0.610%
92	20.439	2981	2984	2991	rVB	137762	146338	6.72%	1.207%
93	20.504	2992	2995	2999	rVV	70000	74496	3.42%	0.615%
94	20.968	3071	3074	3080	rVB2	74976	106299	4.88%	0.877%
95	21.233	3114	3119	3123	rBV	893272	1152978	52.94%	9.512%
96	21.268	3123	3125	3130	rVB	100376	113936	5.23%	0.940%
97	21.398	3144	3147	3151	rBV	89382	101006	4.64%	0.833%
98	21.827	3218	3220	3225	rVB3	73672	80355	3.69%	0.663%
99	22.286	3295	3298	3302	rVB	92299	108923	5.00%	0.899%
100	23.445	3489	3495	3503	rVB2	531193	1021343	46.90%	8.426%

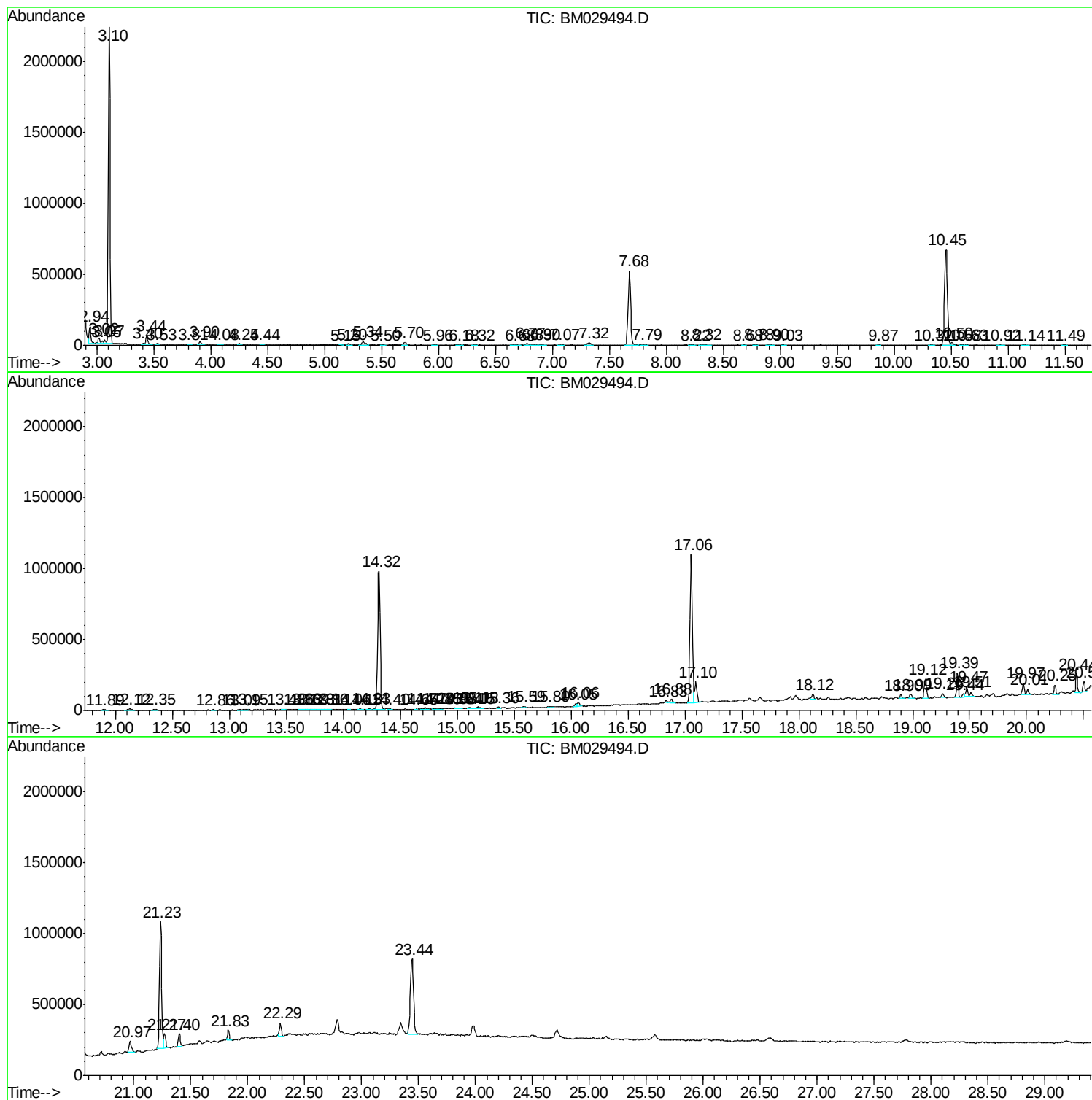
Sum of corrected areas: 12120969

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



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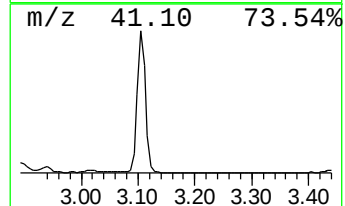
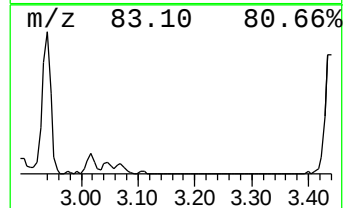
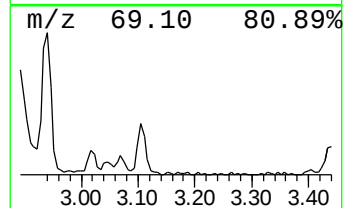
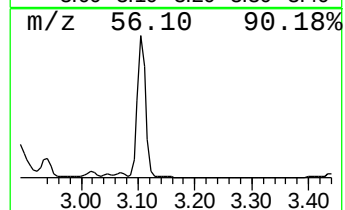
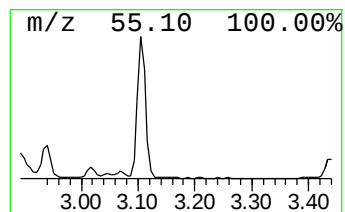
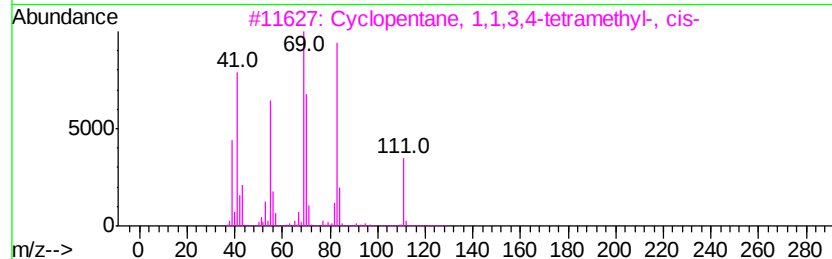
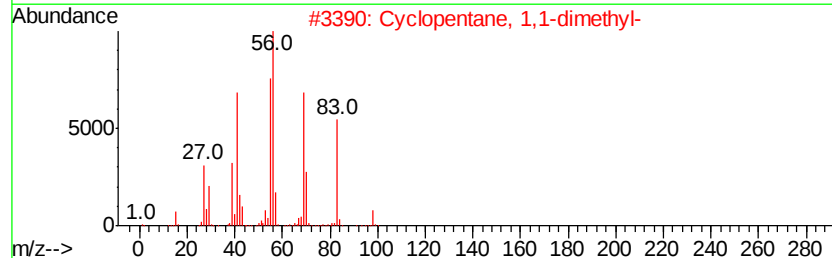
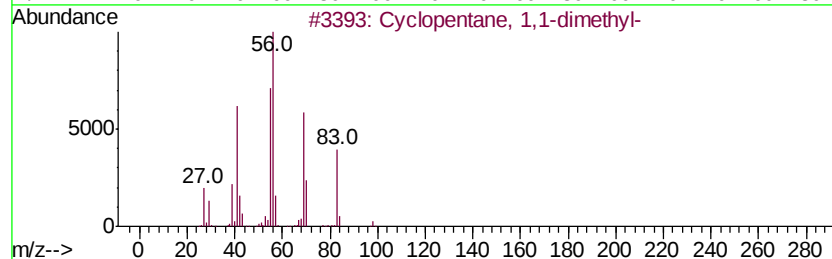
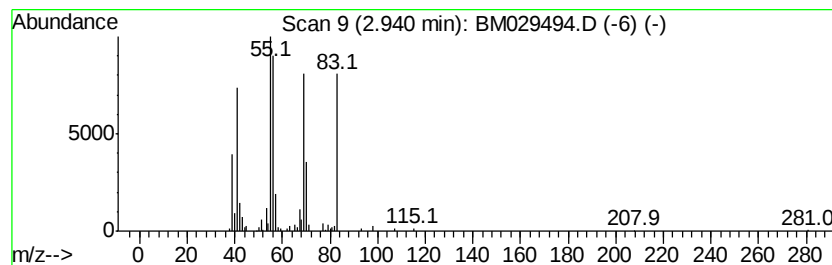
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	3.12 ng/ul	130444	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
2		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
3		Cyclopentane, 1,1,3,4-tetramethyl...	126	C9H18	053907-60-1	53
4		Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	47
5		3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	47



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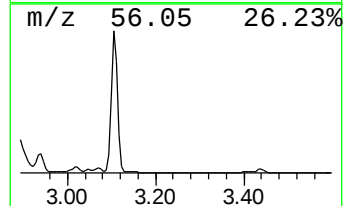
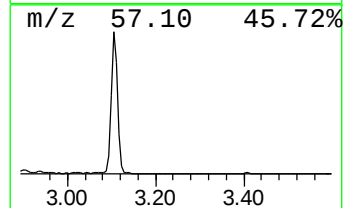
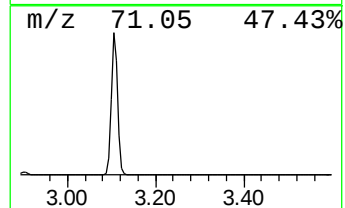
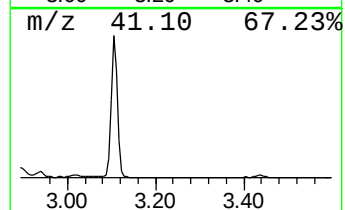
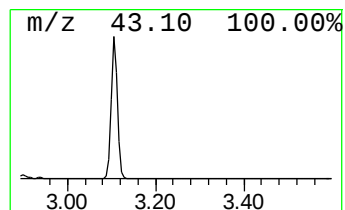
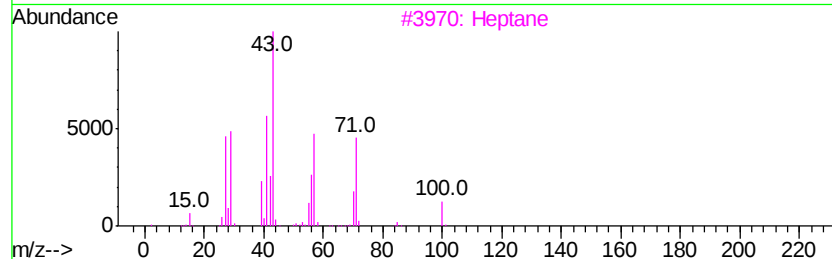
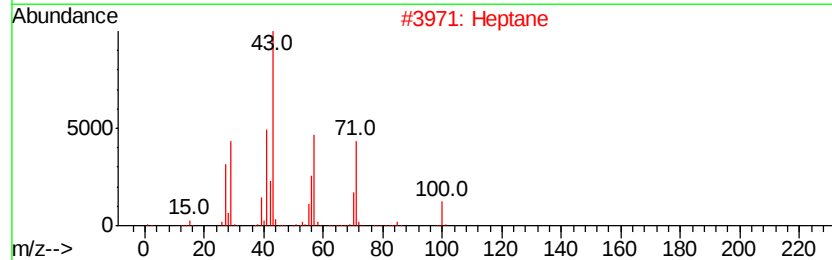
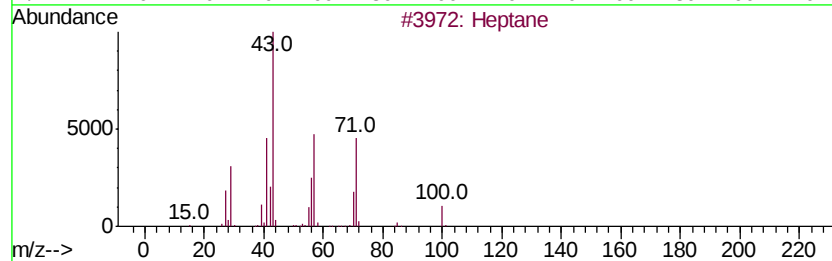
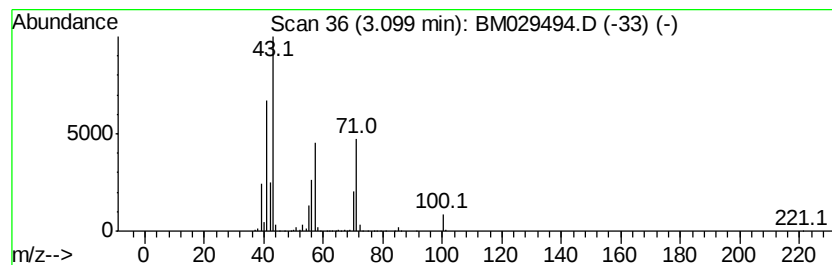
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	52.05 ng/ul	2177690	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	87
3		Heptane	100	C7H16	000142-82-5	86
4		Heptane	100	C7H16	000142-82-5	47
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	45



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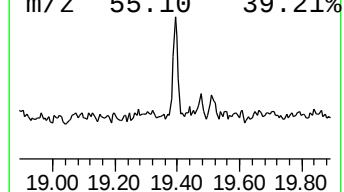
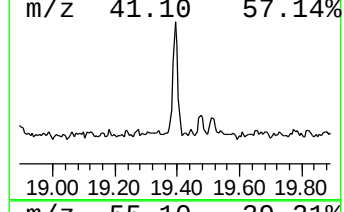
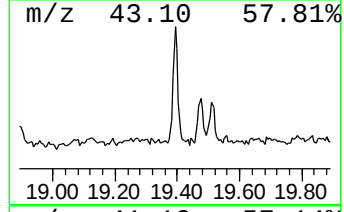
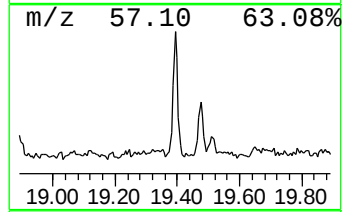
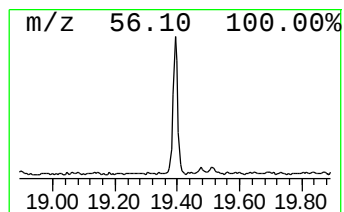
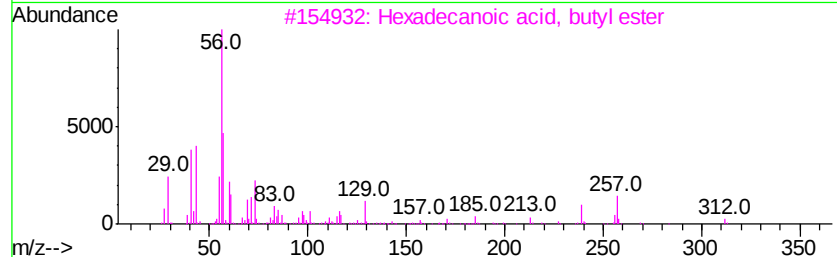
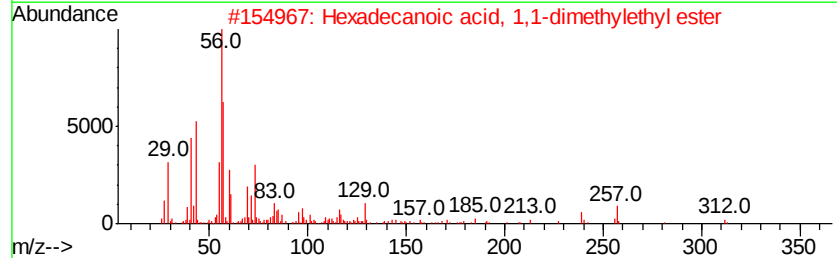
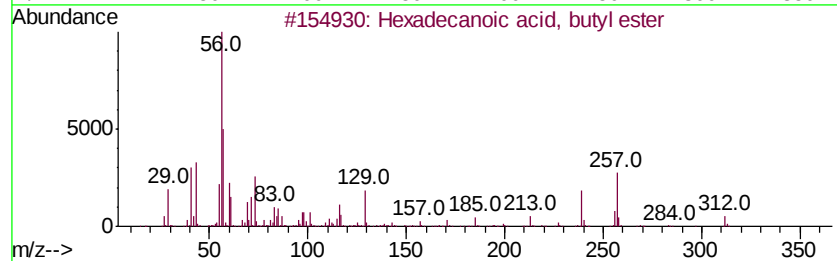
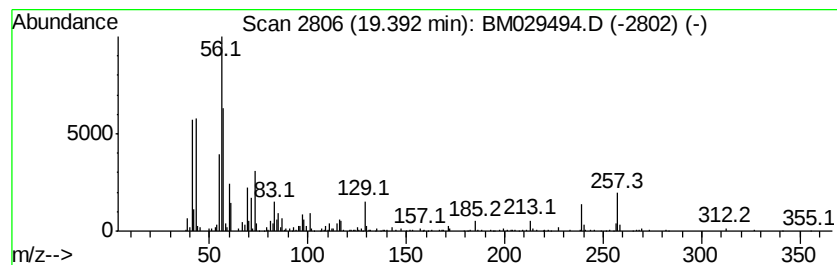
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	3.16 ng/ul	182322	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	60
4		Eicosanoic acid	312	C20H40O2	000506-30-9	47
5		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029494.D
Acq On : 15 Apr 2021 09:29
Operator : CG/JU
Sample : M1957-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B20

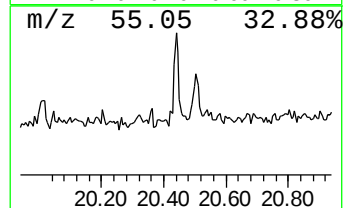
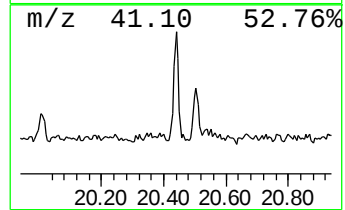
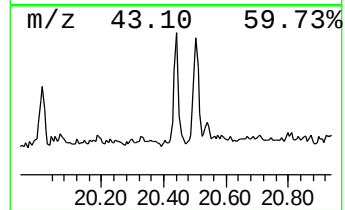
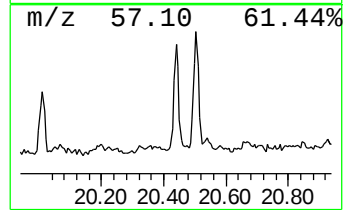
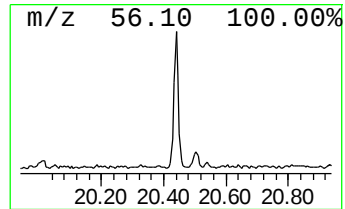
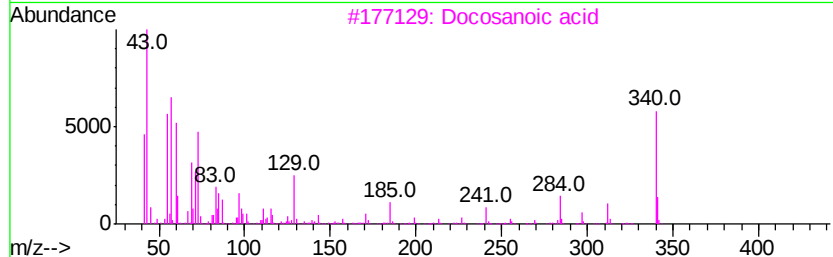
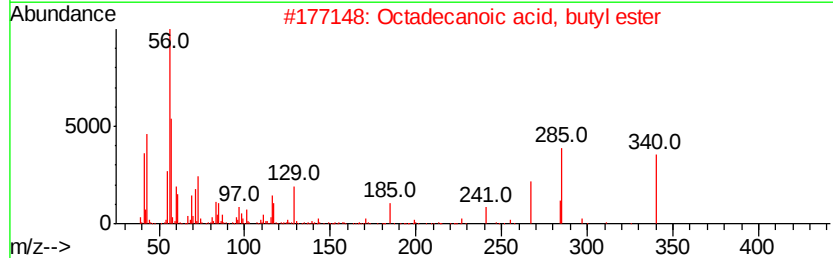
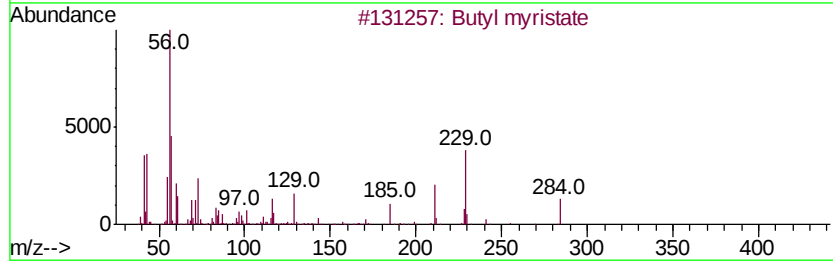
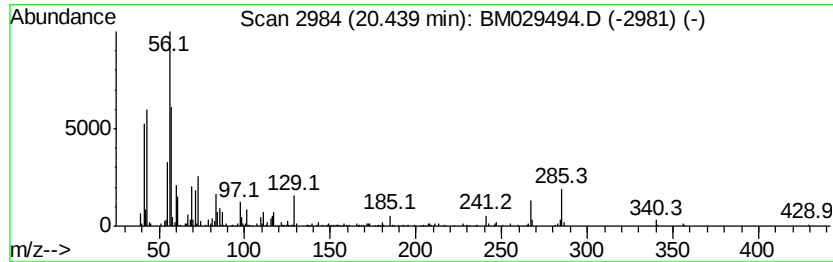
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Butyl myristate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	2.54 ng/ul	146338	Chrysene-d12	21.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate		284	C18H36O2	000110-36-1	72
2	Octadecanoic acid, butyl ester		340	C22H44O2	000123-95-5	53
3	Docosanoic acid		340	C22H44O2	000112-85-6	45
4	1,3-Pentanediol, 2,2,4-trimethyl-		146	C8H18O2	000144-19-4	43
5	Docosanoic acid		340	C22H44O2	000112-85-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041521\
Data File : BM029494.D
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Operator : CG/JU
Sample : M1957-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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
(DEL) Alkane: Cyc...	2.94	3.1	ng/ul	130444	1	7.68	836807	20.0
(DEL) Alkane: Str...	3.10	52.0	ng/ul	2177690	1	7.68	836807	20.0
Hexadecanoic acid...	19.39	3.2	ng/ul	182322	5	21.23	1152980	20.0
Butyl myristate	20.44	2.5	ng/ul	146338	5	21.23	1152980	20.0