

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042815.D
 Acq On : 16 Nov 2023 20:56
 Operator : MA/JU
 Sample : 05268-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM042815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	104	108	121	rBV	45865	92517	12.96%	1.440%
2	4.446	246	248	251	rBV4	1359	1387	0.19%	0.022%
3	4.763	300	302	306	rBV5	1411	1791	0.25%	0.028%
4	4.799	306	308	310	rVB	1581	1177	0.16%	0.018%
5	5.351	400	402	405	rBV4	1251	1225	0.17%	0.019%
6	5.393	407	409	412	rBB3	1012	992	0.14%	0.015%
7	5.463	419	421	423	rVB2	1522	1223	0.17%	0.019%
8	5.528	430	432	435	rBV4	1073	1154	0.16%	0.018%
9	5.634	448	450	452	rVB3	1612	1425	0.20%	0.022%
10	6.004	511	513	515	rBV3	970	875	0.12%	0.014%
11	6.169	537	541	542	rBV4	853	1101	0.15%	0.017%
12	6.328	567	568	570	rBV2	1334	1255	0.18%	0.020%
13	7.010	678	684	693	rVV4	9598	26742	3.74%	0.416%
14	7.169	705	711	734	rBV	66579	135260	18.94%	2.105%
15	7.345	736	741	756	rVV	65243	131041	18.35%	2.039%
16	7.463	758	761	764	rBV4	1248	1542	0.22%	0.024%
17	7.769	812	813	816	rBV3	1085	895	0.13%	0.014%
18	7.822	816	822	833	rBV	96742	181593	25.43%	2.826%
19	7.951	842	844	847	rBV4	691	905	0.13%	0.014%
20	8.022	855	856	860	rVB3	1223	949	0.13%	0.015%
21	8.551	941	946	957	rBV2	32935	72737	10.19%	1.132%
22	8.775	981	984	987	rVB4	787	984	0.14%	0.015%
23	9.028	1020	1027	1043	rBV	79040	170324	23.85%	2.650%
24	9.204	1055	1057	1058	rBV2	970	861	0.12%	0.013%
25	9.375	1085	1086	1092	rVB4	898	884	0.12%	0.014%
26	9.422	1092	1094	1097	rVB3	777	903	0.13%	0.014%
27	9.592	1121	1123	1127	rVB3	744	961	0.13%	0.015%
28	9.739	1142	1148	1163	rBV2	57927	123055	17.23%	1.915%
29	10.098	1207	1209	1212	rVB4	963	1078	0.15%	0.017%
30	10.269	1232	1238	1253	rBV2	67524	154967	21.70%	2.411%
31	10.369	1253	1255	1261	rVB5	2233	3522	0.49%	0.055%
32	10.633	1293	1300	1309	rBV	133347	235003	32.91%	3.657%
33	10.816	1324	1331	1349	rBV	61806	176675	24.74%	2.749%
34	11.080	1374	1376	1379	rBV4	950	907	0.13%	0.014%
35	11.257	1403	1406	1409	rBV	1352	1661	0.23%	0.026%
36	11.786	1494	1496	1499	rVB3	862	995	0.14%	0.015%

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37	12.057	1539	1542	1545	rVB2	888	1102	0.15%	0.017%
38	12.722	1652	1655	1657	rBV2	746	993	0.14%	0.015%
39	13.233	1738	1742	1744	rVB3	1437	1525	0.21%	0.024%
40	13.327	1752	1758	1766	rBV2	4917	8775	1.23%	0.137%
41	13.545	1794	1795	1798	rBV2	760	879	0.12%	0.014%
42	13.727	1824	1826	1829	rVB2	1090	1028	0.14%	0.016%
43	13.751	1829	1830	1833	rBV	855	878	0.12%	0.014%
44	13.804	1836	1839	1840	rBV3	1223	897	0.13%	0.014%
45	13.904	1850	1856	1867	rBV	212126	333716	46.73%	5.193%
46	13.980	1867	1869	1871	rVV3	1439	1461	0.20%	0.023%
47	14.180	1897	1903	1914	rBV	220657	343212	48.06%	5.341%
48	14.310	1922	1925	1927	rVV3	1101	916	0.13%	0.014%
49	14.480	1948	1954	1966	rBV	195723	295674	41.40%	4.601%
50	14.563	1966	1968	1970	rVV3	995	1165	0.16%	0.018%
51	14.586	1970	1972	1976	rVB3	1151	1169	0.16%	0.018%
52	15.257	2084	2086	2089	rBV3	1593	1634	0.23%	0.025%
53	15.474	2117	2123	2141	rBV	297452	440307	61.66%	6.852%
54	15.627	2143	2149	2160	rVV3	42530	88268	12.36%	1.374%
55	15.721	2164	2165	2169	rVB3	1746	929	0.13%	0.014%
56	15.927	2198	2200	2204	rVB3	807	965	0.14%	0.015%
57	16.139	2232	2236	2237	rVB3	944	963	0.13%	0.015%
58	16.251	2252	2255	2256	rBV2	991	943	0.13%	0.015%
59	16.280	2259	2260	2264	rVV2	963	974	0.14%	0.015%
60	16.327	2266	2268	2271	rVB3	1185	1333	0.19%	0.021%
61	16.362	2271	2274	2276	rBV	950	1172	0.16%	0.018%
62	16.621	2312	2318	2319	rBV2	883	1185	0.17%	0.018%
63	16.845	2354	2356	2358	rBV2	882	898	0.13%	0.014%
64	16.910	2366	2367	2371	rBV3	1057	1378	0.19%	0.021%
65	17.057	2389	2392	2393	rVV3	1130	897	0.13%	0.014%
66	17.233	2416	2422	2433	rBV	225340	329070	46.08%	5.121%
67	17.333	2433	2439	2455	rVV	312407	487725	68.30%	7.590%
68	17.574	2475	2480	2481	rBV4	1325	1670	0.23%	0.026%
69	17.733	2506	2507	2513	rBV4	971	1358	0.19%	0.021%
70	17.780	2513	2515	2519	rVB4	1085	1354	0.19%	0.021%
71	17.809	2519	2520	2523	rBV3	1011	1166	0.16%	0.018%
72	17.857	2525	2528	2529	rBV3	1666	1206	0.17%	0.019%
73	18.086	2563	2567	2578	rBV3	35097	64476	9.03%	1.003%
74	18.174	2580	2582	2585	rVB4	969	1269	0.18%	0.020%
75	18.351	2608	2612	2613	rVV3	1134	1319	0.18%	0.021%
76	18.374	2614	2616	2619	rVV4	1101	1072	0.15%	0.017%

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77	18.415	2619	2623	2628	rVB6	1394	1907	0.27%	0.030%
78	18.639	2658	2661	2663	rVB3	1020	933	0.13%	0.015%
79	18.686	2667	2669	2671	rBV3	1058	871	0.12%	0.014%
80	18.739	2674	2678	2679	rBV4	1226	1374	0.19%	0.021%
81	18.951	2713	2714	2718	rVB3	1288	1054	0.15%	0.016%
82	18.998	2718	2722	2723	rBV3	1646	1896	0.27%	0.030%
83	19.168	2749	2751	2752	rBV2	1121	1113	0.16%	0.017%
84	19.186	2752	2754	2758	rVB3	2968	3745	0.52%	0.058%
85	19.227	2758	2761	2762	rBV3	2779	2366	0.33%	0.037%
86	19.262	2765	2767	2771	rVB3	3096	4048	0.57%	0.063%
87	19.368	2782	2785	2791	rBV3	9795	15916	2.23%	0.248%
88	19.468	2800	2802	2803	rBV2	1766	1187	0.17%	0.018%
89	19.627	2823	2829	2840	rBV	482453	648512	90.81%	10.092%
90	19.780	2853	2855	2858	rVB4	1953	1749	0.24%	0.027%
91	20.015	2893	2895	2896	rBV	2719	1426	0.20%	0.022%
92	20.103	2907	2910	2915	rVB5	6861	9633	1.35%	0.150%
93	20.356	2951	2953	2955	rBV3	2459	2784	0.39%	0.043%
94	20.598	2991	2994	2998	rVB5	9303	12174	1.70%	0.189%
95	21.086	3071	3077	3089	rBV3	59125	133452	18.69%	2.077%
96	21.415	3128	3133	3142	rBV	249578	391774	54.86%	6.096%
97	21.503	3145	3148	3150	rVV2	15301	15909	2.23%	0.248%
98	22.556	3324	3327	3331	rVB	39550	45394	6.36%	0.706%
99	23.621	3501	3508	3519	rBV	351674	714131	100.00%	11.113%
100	23.780	3528	3535	3550	rVB	214072	455452	63.78%	7.087%

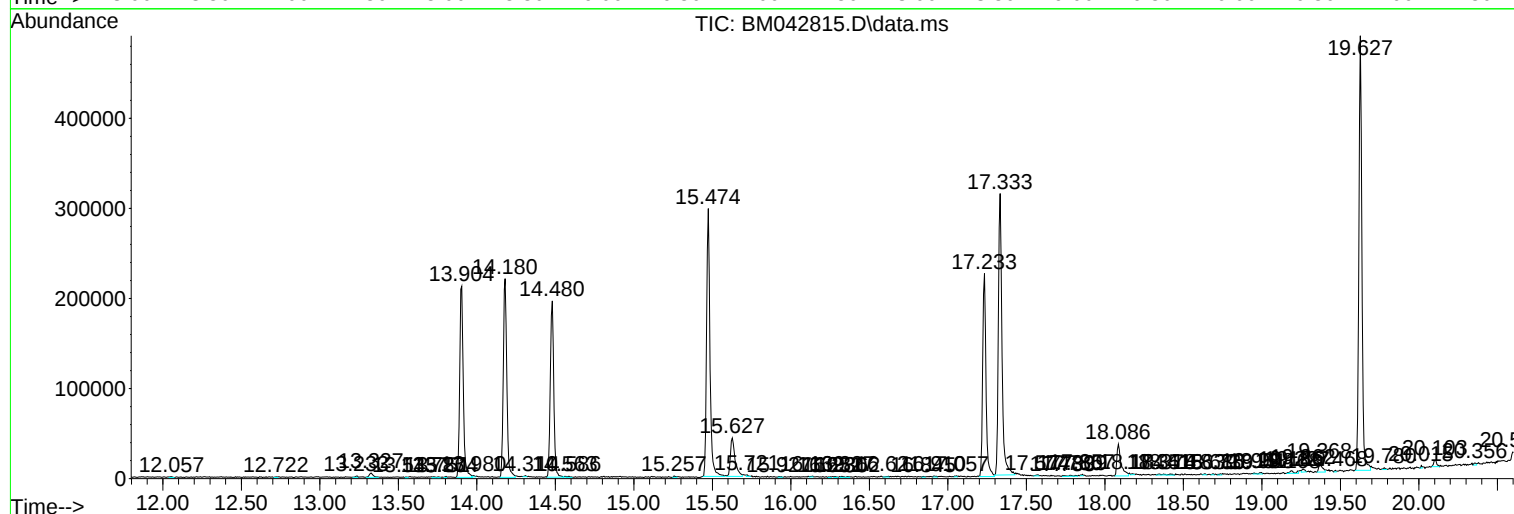
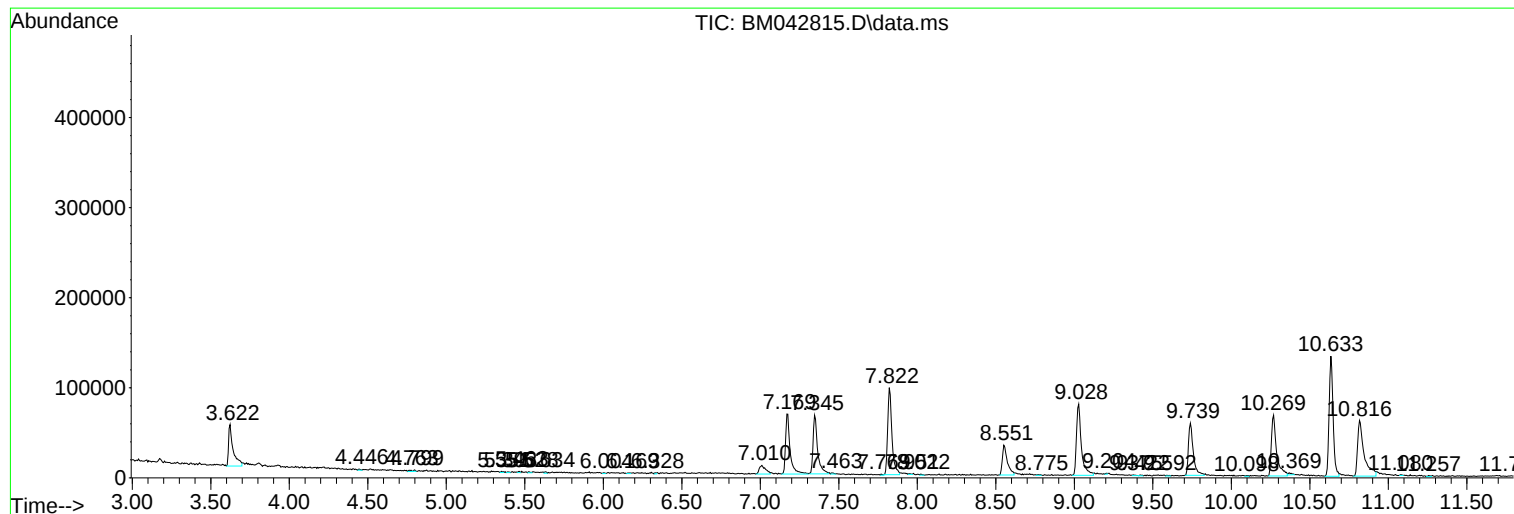
Sum of corrected areas: 6426287

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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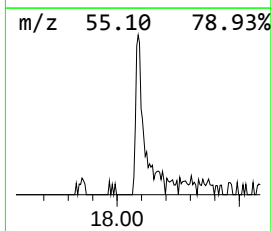
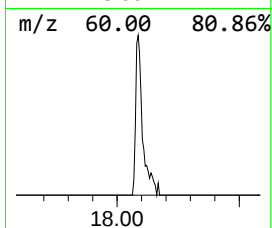
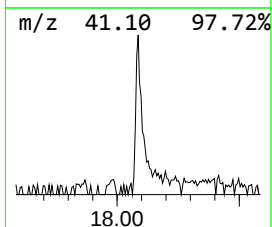
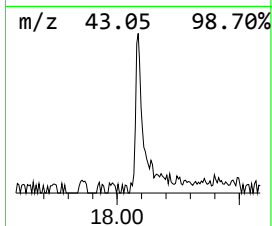
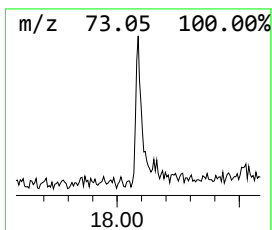
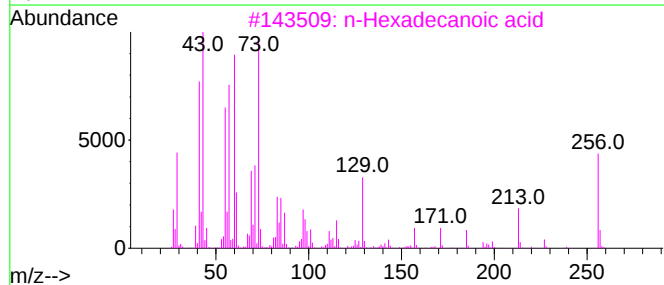
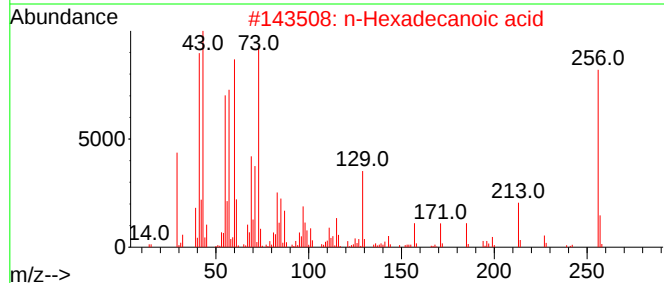
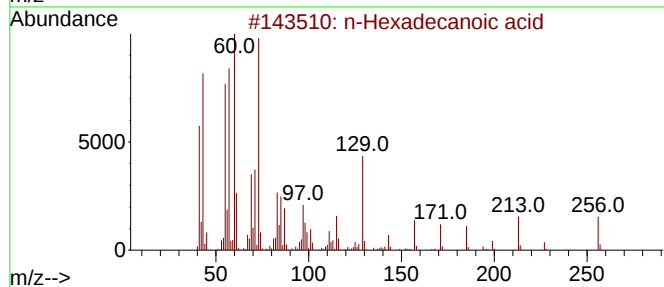
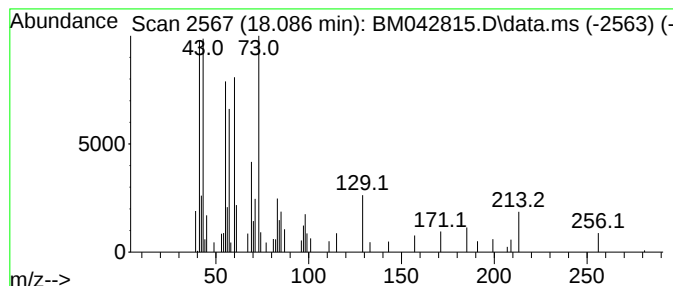
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	3.92 ng/ul	64476	Phenanthrene-d10	17.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96		
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95		
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87		
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83		



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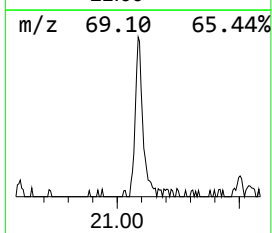
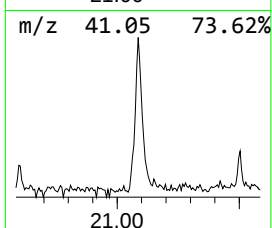
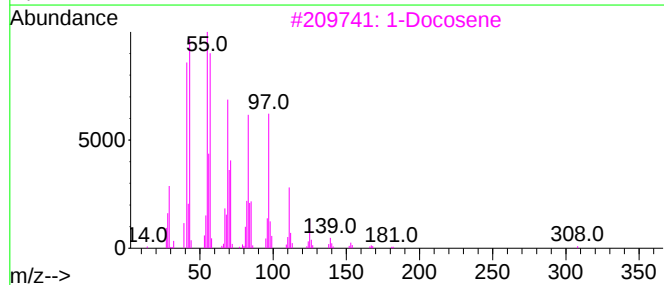
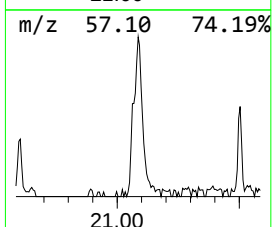
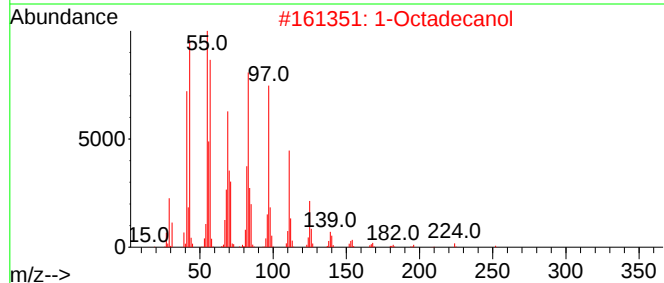
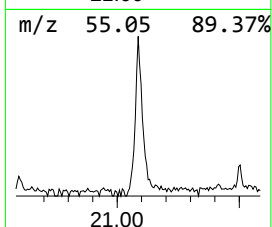
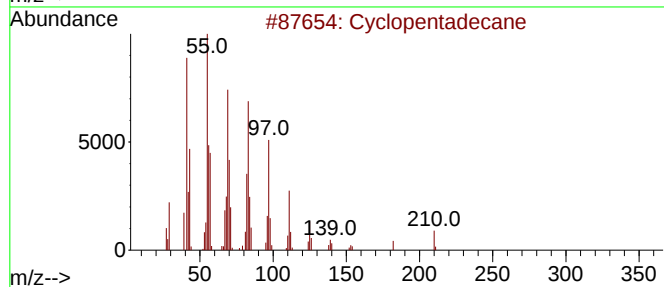
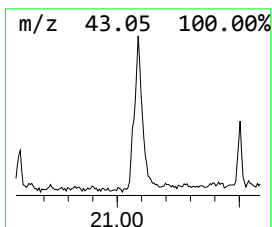
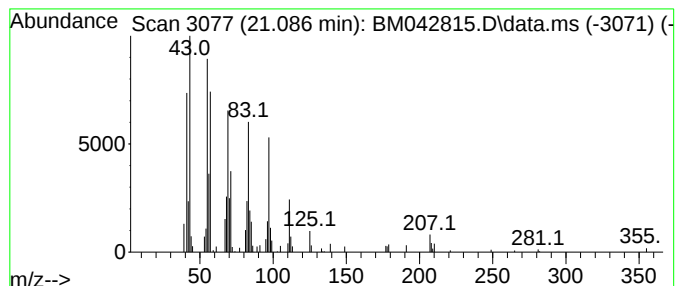
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.086 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	6.81 ng/ul	133452	Chrysene-d12	21.415

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	94
2		1-Octadecanol	270	C18H38O	000112-92-5	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		1-Tetracosene	336	C24H48	010192-32-2	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



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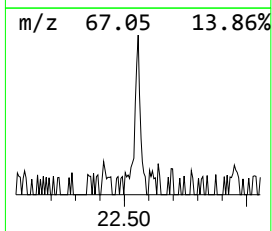
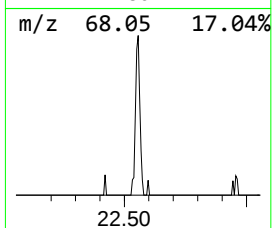
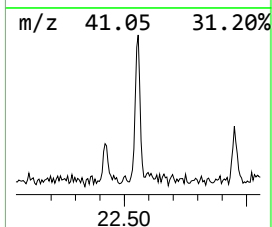
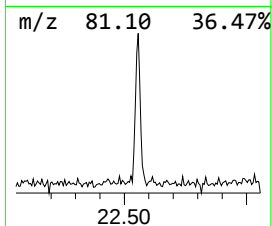
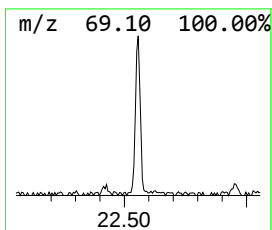
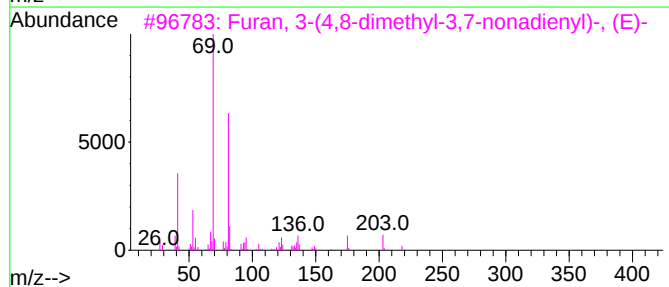
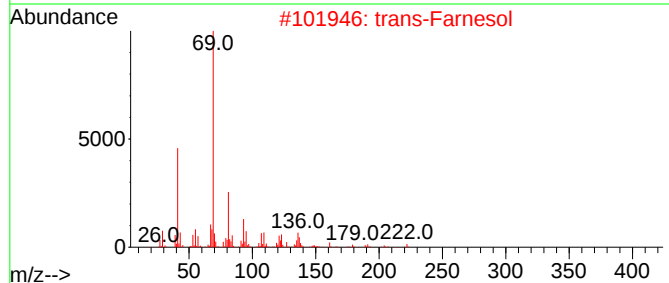
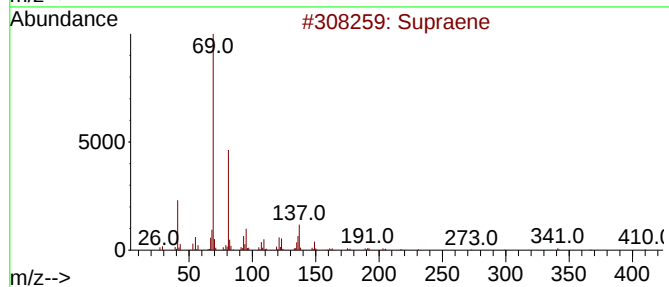
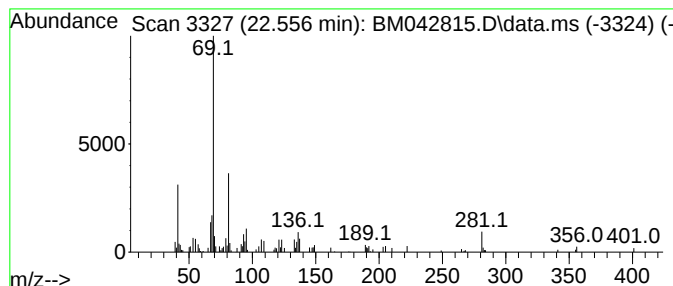
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.556	2.32 ng/ul	45394	Chrysene-d12	21.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	72
2			trans-Farnesol	222	C15H26O	000106-28-5	68
3			Furan, 3-(4,8-dimethyl-3,7-nonad...	218	C15H22O	023262-34-2	64
4			3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	64
5			Farnesol isomer a	222	C15H26O	1000108-92-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042815.D
Acq On : 16 Nov 2023 20:56
Operator : MA/JU
Sample : 05268-06
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.086	3.9	ng/ul	64476	4	17.233	329070	20.0
(DEL) Alkane: C...	21.086	6.8	ng/ul	133452	5	21.415	391774	20.0
Supraene	22.556	2.3	ng/ul	45394	5	21.415	391774	20.0