

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016816.D
 Acq On : 29 Aug 2023 05:27
 Operator : MA/JU
 Sample : 04134-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHJ8

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_P\Methods\SFAM-EPA-BP082423.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP016816.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.381	12	16	23	rVB	83219	117481	1.05%	0.111%
2	3.687	64	68	74	rBV4	12080	19402	0.17%	0.018%
3	3.816	87	90	108	rBV	506179	846571	7.54%	0.801%
4	4.016	120	124	131	rVB2	40260	64962	0.58%	0.061%
5	4.134	140	144	151	rVB2	20590	32578	0.29%	0.031%
6	4.522	207	210	216	rVB5	10518	16095	0.14%	0.015%
7	5.069	299	303	308	rBV	20274	28387	0.25%	0.027%
8	5.646	396	401	406	rVB4	8618	17710	0.16%	0.017%
9	5.993	455	460	467	rVB3	16208	23708	0.21%	0.022%
10	6.069	470	473	479	rVB6	7575	12649	0.11%	0.012%
11	6.463	536	540	546	rBV3	11212	17751	0.16%	0.017%
12	6.969	620	626	634	rVB10	9830	23724	0.21%	0.022%
13	7.169	652	660	673	rBV	387515	632512	5.63%	0.599%
14	7.363	685	693	703	rBV	1417617	2201148	19.61%	2.083%
15	7.546	716	724	732	rBV	1290676	2026463	18.05%	1.918%
16	7.622	732	737	748	rVB2	40675	84769	0.76%	0.080%
17	7.740	753	757	762	rVV	13495	18245	0.16%	0.017%
18	8.028	798	806	816	rBV	1300135	2033676	18.12%	1.925%
19	8.116	816	821	828	rVB5	11227	21279	0.19%	0.020%
20	8.381	860	866	874	rVB7	11936	30470	0.27%	0.029%
21	8.557	891	896	902	rVB7	8061	13287	0.12%	0.013%
22	8.728	918	925	939	rBV	1099622	1779175	15.85%	1.684%
23	8.899	946	954	959	rVB	56222	92302	0.82%	0.087%
24	9.228	1001	1010	1025	rBV	1642896	2725262	24.28%	2.579%
25	9.340	1025	1029	1033	rVV4	20747	33599	0.30%	0.032%
26	9.387	1033	1037	1042	rVV4	15118	24922	0.22%	0.024%
27	9.446	1042	1047	1051	rVV2	17465	28386	0.25%	0.027%
28	9.516	1053	1059	1065	rVV	19115	38647	0.34%	0.037%
29	9.581	1065	1070	1076	rVB6	8073	14021	0.12%	0.013%
30	9.940	1123	1131	1143	rBV	1242971	2039331	18.17%	1.930%
31	10.128	1156	1163	1167	rBV6	22035	45512	0.41%	0.043%
32	10.169	1167	1170	1177	rVB5	11838	20420	0.18%	0.019%
33	10.381	1198	1206	1210	rBV9	5933	13257	0.12%	0.013%
34	10.463	1212	1220	1234	rBV	1901391	3179080	28.32%	3.009%
35	10.616	1240	1246	1253	rBV10	13912	25833	0.23%	0.024%
36	10.775	1266	1273	1278	rVB10	8071	18373	0.16%	0.017%

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37	10.857	1280	1287	1294	rBV	1876781	3114722	27.75%	2.948%
38	10.910	1294	1296	1303	rVB	29001	44210	0.39%	0.042%
39	11.016	1305	1314	1335	rBV2	1890772	3489831	31.09%	3.303%
40	11.363	1363	1373	1377	rBV9	13446	32498	0.29%	0.031%
41	11.540	1399	1403	1409	rBV9	5779	12683	0.11%	0.012%
42	11.610	1410	1415	1420	rVV8	8129	16396	0.15%	0.016%
43	11.875	1455	1460	1466	rBV5	19758	38667	0.34%	0.037%
44	11.987	1473	1479	1486	rVV	40803	74793	0.67%	0.071%
45	12.057	1486	1491	1496	rVB9	8746	16987	0.15%	0.016%
46	12.198	1508	1515	1521	rBV6	21091	40719	0.36%	0.039%
47	12.334	1534	1538	1542	rBV4	8241	12230	0.11%	0.012%
48	12.434	1546	1555	1561	rVB2	39656	82373	0.73%	0.078%
49	12.651	1583	1592	1597	rBV2	8290	21963	0.20%	0.021%
50	12.728	1597	1605	1612	rVV6	21824	54069	0.48%	0.051%
51	12.816	1616	1620	1623	rBV5	11518	12919	0.12%	0.012%
52	12.957	1637	1644	1649	rBV10	10353	20665	0.18%	0.020%
53	13.010	1649	1653	1656	rVB5	9442	13014	0.12%	0.012%
54	13.098	1662	1668	1674	rBV5	12277	30710	0.27%	0.029%
55	13.257	1690	1695	1699	rBV7	10848	16390	0.15%	0.016%
56	13.439	1722	1726	1734	rBV2	28293	38552	0.34%	0.036%
57	13.528	1734	1741	1747	rBV	94449	159155	1.42%	0.151%
58	13.863	1795	1798	1802	rVB3	12520	16365	0.15%	0.015%
59	14.034	1824	1827	1830	rVB2	15218	17057	0.15%	0.016%
60	14.092	1830	1837	1855	rBV	4056973	5493345	48.94%	5.199%
61	14.381	1879	1886	1905	rVV	4531352	6514910	58.04%	6.166%
62	14.510	1905	1908	1918	rVB9	16544	28759	0.26%	0.027%
63	14.681	1929	1937	1944	rBV	2933324	4239355	37.77%	4.012%
64	14.739	1944	1947	1953	rVB	47994	75887	0.68%	0.072%
65	14.828	1958	1962	1967	rBV	61187	95741	0.85%	0.091%
66	14.886	1967	1972	1982	rBV	235912	410947	3.66%	0.389%
67	15.075	1998	2004	2017	rVB3	34678	90735	0.81%	0.086%
68	15.210	2023	2027	2034	rBV3	25806	42072	0.37%	0.040%
69	15.422	2060	2063	2067	rVB	12944	14911	0.13%	0.014%
70	15.463	2067	2070	2073	rVV5	10040	13326	0.12%	0.013%
71	15.675	2099	2106	2120	rBV	5947108	8454014	75.31%	8.001%
72	15.798	2121	2127	2141	rVV	1661282	2323141	20.70%	2.199%
73	15.916	2143	2147	2152	rVV3	35507	50313	0.45%	0.048%
74	16.251	2201	2204	2208	rBV6	9031	13244	0.12%	0.013%
75	16.457	2237	2239	2243	rVB4	15593	17690	0.16%	0.017%
76	16.675	2272	2276	2277	rBV4	14088	17290	0.15%	0.016%

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77	16.798	2293	2297	2302	rBV3	31746	49572	0.44%	0.047%
78	17.022	2331	2335	2339	rVB5	10606	16986	0.15%	0.016%
79	17.069	2340	2343	2347	rBV6	15474	23587	0.21%	0.022%
80	17.104	2347	2349	2352	rBV4	9457	12239	0.11%	0.012%
81	17.233	2366	2371	2380	rVB7	16784	40436	0.36%	0.038%
82	17.304	2380	2383	2386	rBV5	13506	22508	0.20%	0.021%
83	17.445	2401	2407	2418	rBV	3533200	5204877	46.37%	4.926%
84	17.551	2418	2425	2438	rVV	6819935	9612414	85.63%	9.098%
85	17.875	2475	2480	2483	rVB4	15751	25334	0.23%	0.024%
86	18.063	2509	2512	2517	rVB4	19313	28029	0.25%	0.027%
87	18.163	2525	2529	2537	rBV3	83176	149701	1.33%	0.142%
88	18.286	2545	2550	2563	rBV	1366158	2199433	19.59%	2.082%
89	19.116	2689	2691	2696	rVB6	24368	33377	0.30%	0.032%
90	19.351	2728	2731	2735	rBV2	85913	115355	1.03%	0.109%
91	19.422	2737	2743	2748	rVB2	107098	222713	1.98%	0.211%
92	19.516	2755	2759	2771	rBV	340275	577671	5.15%	0.547%
93	19.780	2798	2804	2817	rBV	8576704	11225380	100.00%	10.624%
94	20.239	2879	2882	2887	rVB4	71495	97626	0.87%	0.092%
95	20.727	2963	2965	2971	rBV2	83368	84841	0.76%	0.080%
96	21.198	3040	3045	3057	rBV	1335599	2218822	19.77%	2.100%
97	21.545	3099	3104	3113	rVB	3662233	4873830	43.42%	4.613%
98	22.792	3311	3316	3328	rVB	1262407	1925653	17.15%	1.823%
99	23.945	3502	3512	3527	rVB2	4087796	9027425	80.42%	8.544%
100	24.109	3533	3540	3551	rVB	2011346	4235948	37.74%	4.009%

Sum of corrected areas: 105657392

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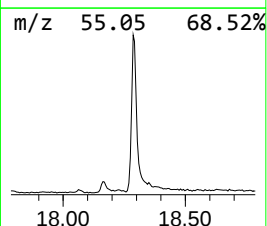
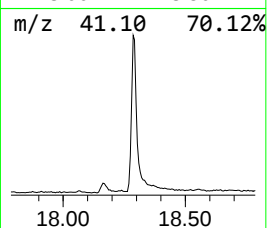
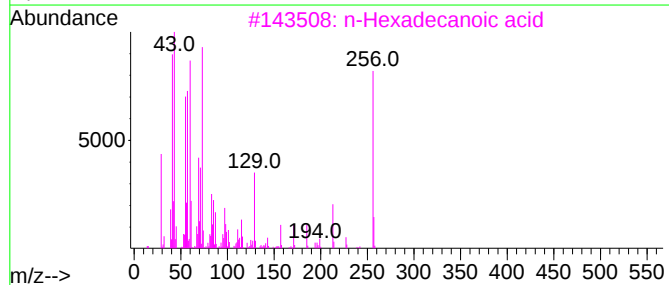
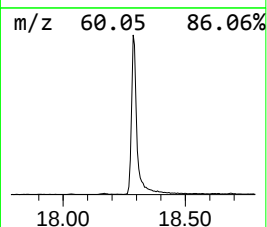
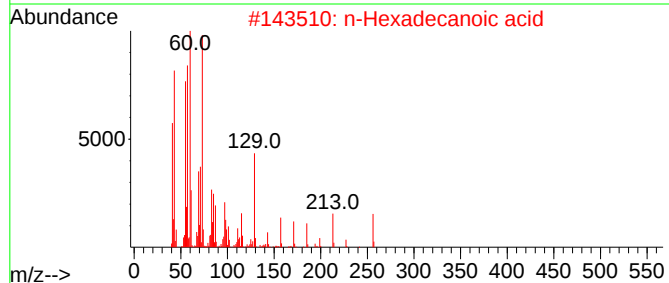
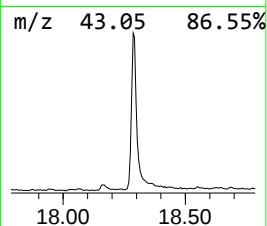
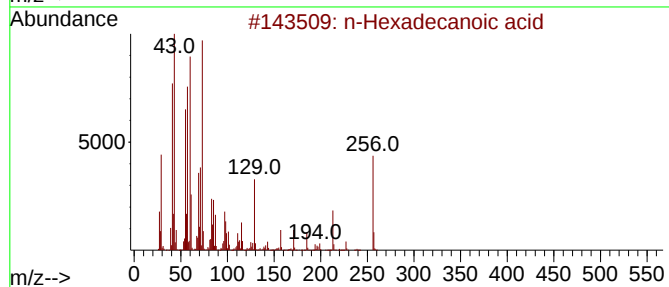
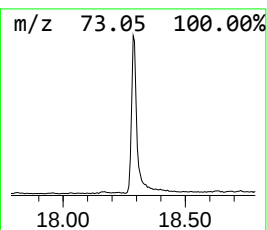
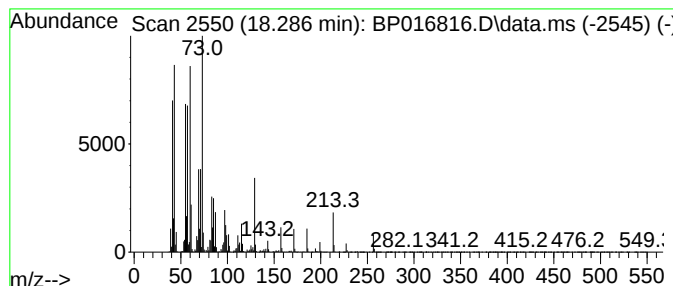
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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.
18.286	8.45 ng/ul	2199430	Phenanthrene-d10	17.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	94



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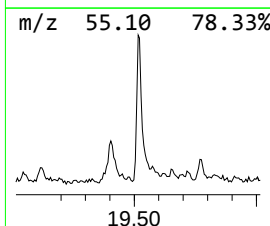
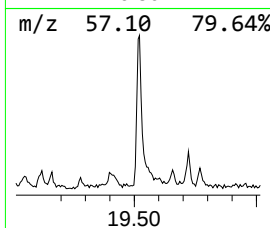
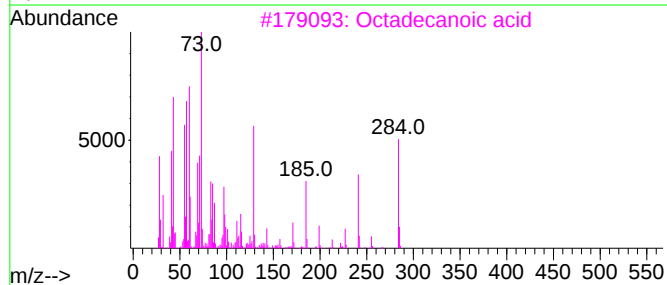
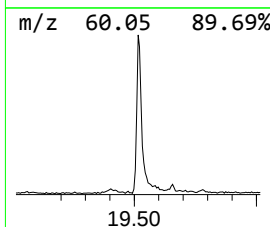
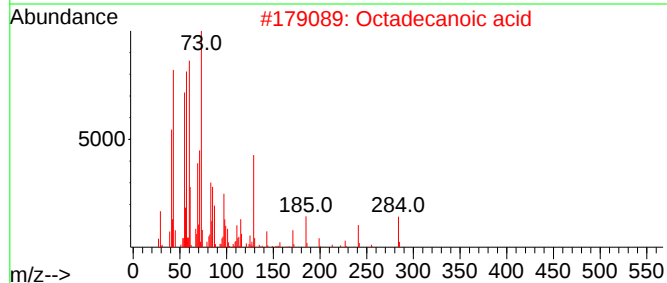
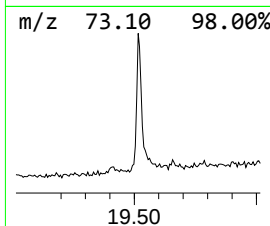
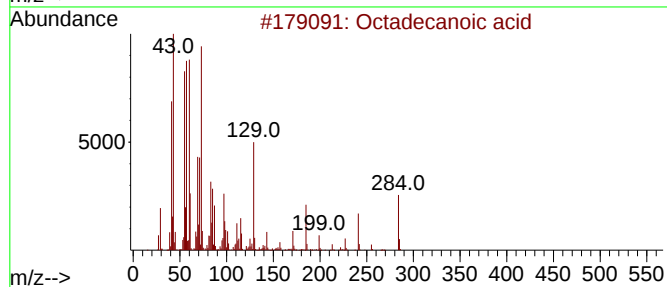
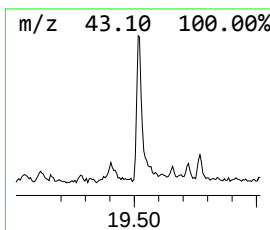
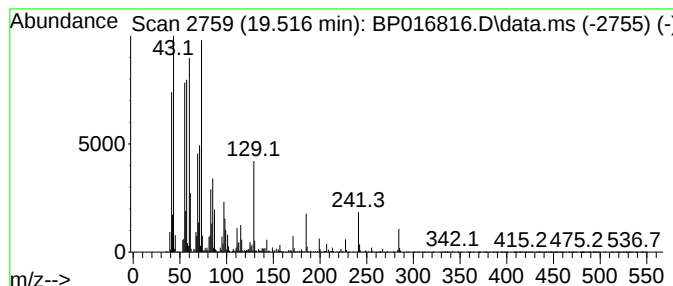
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	2.37 ng/ul	577671	Chrysene-d12	21.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	96
5			Octadecanoic acid	284	C18H36O2	000057-11-4	96



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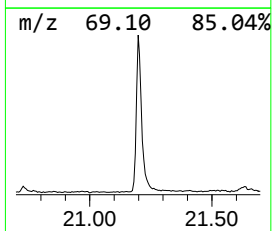
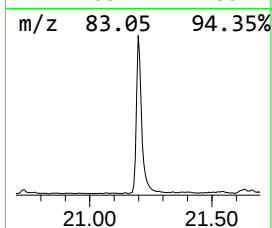
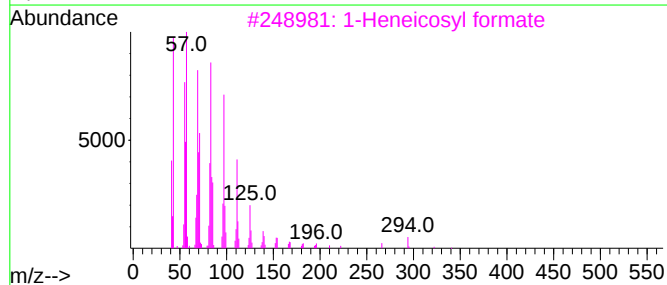
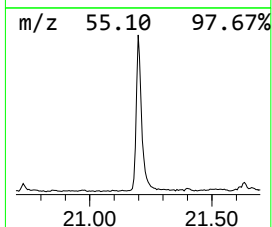
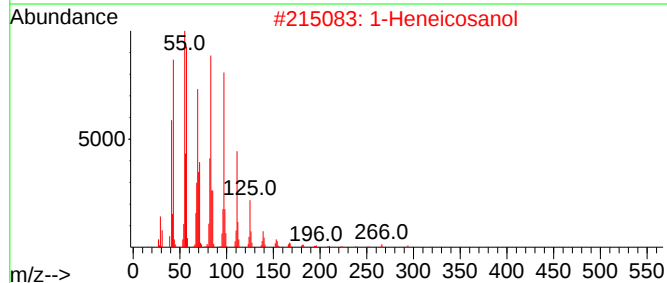
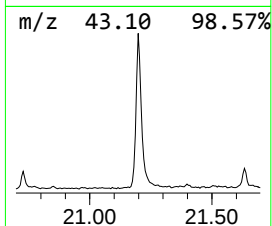
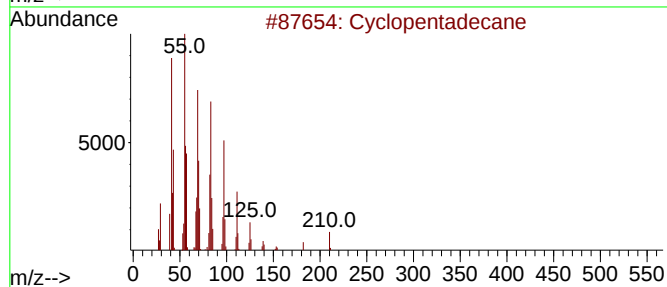
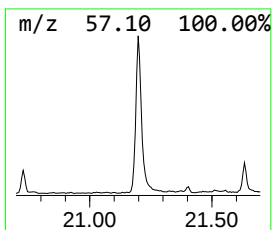
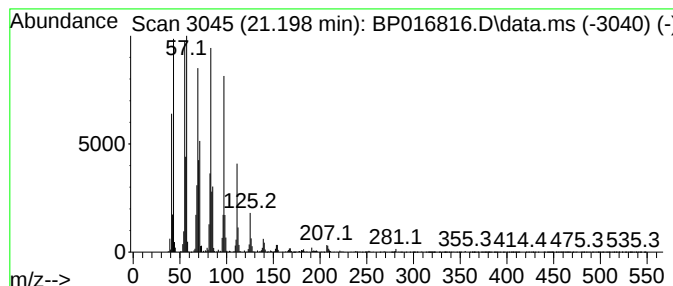
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.198 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	9.11 ng/ul	2218820	Chrysene-d12	21.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	96
2			1-Heneicosanol	312	C21H44O	015594-90-8	95
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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DCHJ8

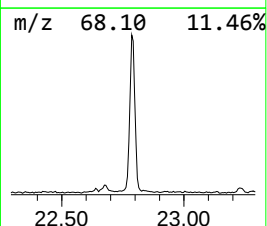
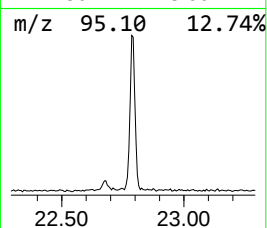
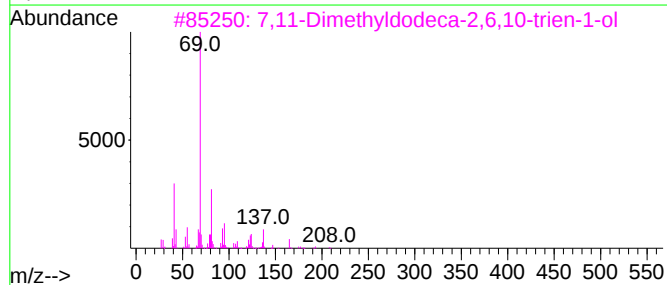
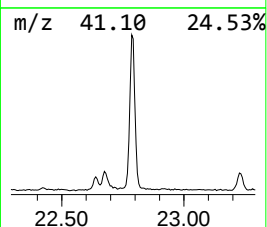
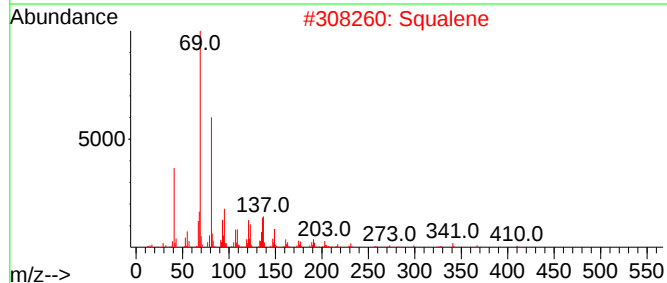
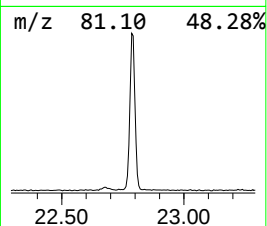
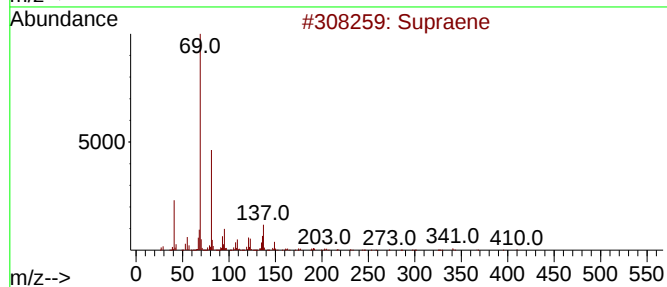
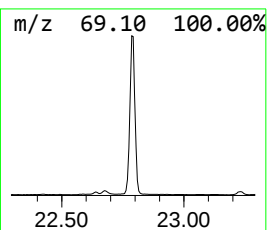
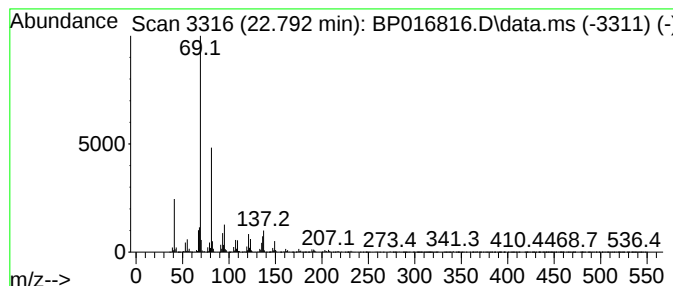
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.792	7.90 ng/ul	1925650	Chrysene-d12	21.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			Squalene	410	C30H50	000111-02-4	90
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
4			trans-Farnesol	222	C15H26O	000106-28-5	72
5			Farnesol isomer a	222	C15H26O	1000108-92-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016816.D
Acq On : 29 Aug 2023 05:27
Operator : MA/JU
Sample : 04134-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHJ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.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 ...	18.286	8.4	ng/ul	2199430	4	17.451	5204880	20.0
Octadecanoic acid	19.516	2.4	ng/ul	577671	5	21.545	4873830	20.0
(DEL) Alkane: C...	21.198	9.1	ng/ul	2218820	5	21.545	4873830	20.0
Supraene	22.792	7.9	ng/ul	1925650	5	21.545	4873830	20.0