

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009978.D
 Acq On : 20 Apr 2022 16:09
 Operator : CG/JU
 Sample : N2374-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFF1

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-BP040722.M
 Title : SVOA CALIBRATION

Signal : TIC: BP009978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.393	45	52	58	rVB2	66681	105777	3.08%	0.295%
2	3.793	116	120	133	rBV	91660	167196	4.87%	0.466%
3	3.893	133	137	144	rVV	39035	59718	1.74%	0.167%
4	3.964	147	149	155	rVB5	5593	7462	0.22%	0.021%
5	4.122	171	176	186	rVB	90745	134299	3.91%	0.375%
6	4.675	267	270	276	rVB7	10962	16896	0.49%	0.047%
7	5.040	328	332	340	rVB2	10664	22012	0.64%	0.061%
8	5.134	345	348	354	rVB4	7701	12999	0.38%	0.036%
9	5.864	467	472	479	rVB8	4120	8200	0.24%	0.023%
10	5.928	479	483	486	rBV6	2712	4411	0.13%	0.012%
11	6.946	648	656	657	rBV8	3623	6939	0.20%	0.019%
12	7.099	676	682	696	rBV	344439	584240	17.00%	1.629%
13	7.269	705	711	720	rBV	252734	419477	12.21%	1.170%
14	7.475	739	746	757	rVB	336276	562711	16.38%	1.569%
15	7.575	759	763	767	rVB7	3312	5578	0.16%	0.016%
16	7.669	775	779	784	rVB8	3386	6296	0.18%	0.018%
17	7.946	817	826	834	rBV	511417	868145	25.26%	2.421%
18	8.181	862	866	869	rVB6	3485	4362	0.13%	0.012%
19	8.540	924	927	932	rVB7	3040	4426	0.13%	0.012%
20	8.646	937	945	959	rVV	427512	724597	21.09%	2.021%
21	8.763	960	965	973	rVB	52806	89710	2.61%	0.250%
22	9.099	1015	1022	1032	rVV	341482	591579	17.22%	1.650%
23	9.222	1039	1043	1048	rVV8	3446	6273	0.18%	0.017%
24	9.269	1048	1051	1057	rVB7	6016	10598	0.31%	0.030%
25	9.552	1093	1099	1105	rVB	42691	70768	2.06%	0.197%
26	9.822	1136	1145	1153	rBV	280483	496392	14.45%	1.384%
27	9.875	1153	1154	1161	rVB6	5345	8832	0.26%	0.025%
28	9.981	1167	1172	1178	rBV7	5926	11152	0.32%	0.031%
29	10.193	1203	1208	1212	rVB7	4335	6854	0.20%	0.019%
30	10.363	1229	1237	1254	rBV	496580	866532	25.22%	2.417%
31	10.540	1262	1267	1270	rBV7	5752	9046	0.26%	0.025%
32	10.746	1290	1302	1311	rBV	781256	1362640	39.65%	3.800%
33	10.881	1316	1325	1337	rBV	309283	594755	17.31%	1.659%
34	11.157	1369	1372	1377	rBV7	4083	6701	0.20%	0.019%
35	11.287	1387	1394	1403	rVB7	5066	14612	0.43%	0.041%
36	11.546	1431	1438	1445	rBV7	6260	15800	0.46%	0.044%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Title : SVOA CALIBRATION

37	11.787	1474	1479	1484	rBV7	4620	8876	0.26%	0.025%
38	12.046	1521	1523	1527	rVB5	4233	4839	0.14%	0.013%
39	12.181	1541	1546	1553	rVB3	17372	27861	0.81%	0.078%
40	12.328	1567	1571	1578	rVB4	9131	17552	0.51%	0.049%

41	12.716	1632	1637	1639	rBV6	3472	5818	0.17%	0.016%
42	12.810	1648	1653	1657	rBV8	3653	6702	0.20%	0.019%
43	12.987	1682	1683	1688	rVB5	4602	4900	0.14%	0.014%
44	13.128	1704	1707	1713	rVB8	5564	8451	0.25%	0.024%
45	13.193	1713	1718	1723	rBV8	4219	8450	0.25%	0.024%

46	13.410	1750	1755	1762	rVV	26365	40479	1.18%	0.113%
47	13.475	1762	1766	1770	rVB7	8407	11384	0.33%	0.032%
48	13.545	1773	1778	1780	rBV5	4754	7693	0.22%	0.021%
49	13.851	1826	1830	1834	rBV6	5760	10108	0.29%	0.028%
50	13.904	1834	1839	1842	rVB7	4198	5859	0.17%	0.016%

51	13.981	1845	1852	1863	rVV	1016939	1453078	42.29%	4.053%
52	14.222	1889	1893	1894	rBV3	10486	11829	0.34%	0.033%
53	14.269	1894	1901	1914	rVB	1075717	1620695	47.16%	4.520%
54	14.481	1933	1937	1942	rBV3	9779	14660	0.43%	0.041%
55	14.575	1946	1953	1966	rVV	1303527	1968603	57.29%	5.490%

56	14.757	1978	1984	1995	rBV	440240	709464	20.65%	1.979%
57	14.910	2007	2010	2016	rVB6	13246	17882	0.52%	0.050%
58	14.987	2019	2023	2030	rVB7	13925	20835	0.61%	0.058%
59	15.216	2057	2062	2063	rBV5	6167	9404	0.27%	0.026%
60	15.381	2086	2090	2095	rVV3	13489	23230	0.68%	0.065%

61	15.434	2096	2099	2103	rVB5	7553	10456	0.30%	0.029%
62	15.475	2103	2106	2110	rBV6	3345	4935	0.14%	0.014%
63	15.569	2115	2122	2128	rBV	1544583	2339245	68.07%	6.524%
64	15.681	2135	2141	2150	rBV	350068	508818	14.81%	1.419%
65	15.810	2159	2163	2172	rVB3	16784	29244	0.85%	0.082%

66	16.122	2213	2216	2217	rBV3	7892	8783	0.26%	0.024%
67	16.210	2227	2231	2235	rBV5	28223	41124	1.20%	0.115%
68	16.292	2240	2245	2247	rBV4	23782	38915	1.13%	0.109%
69	16.410	2260	2265	2268	rBV	34974	47974	1.40%	0.134%
70	16.463	2270	2274	2281	rVV3	36257	82280	2.39%	0.229%

71	16.528	2281	2285	2288	rVV2	38146	51617	1.50%	0.144%
72	16.569	2288	2292	2296	rVV2	31760	44034	1.28%	0.123%
73	16.622	2296	2301	2304	rVV5	18804	38638	1.12%	0.108%
74	16.675	2308	2310	2314	rVV3	16861	19071	0.55%	0.053%
75	16.722	2314	2318	2325	rVB4	49821	86165	2.51%	0.240%

76	16.798	2326	2331	2335	rVV	38793	57540	1.67%	0.160%
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77	16.869	2339	2343	2347	rVB4	24889	36245	1.05%	0.101%
78	17.322	2414	2420	2425	rBV	1575059	2363898	68.79%	6.593%
79	17.369	2425	2428	2432	rVV	154189	215145	6.26%	0.600%
80	17.422	2432	2437	2447	rVB	1768479	2615556	76.12%	7.295%
81	17.551	2457	2459	2466	rVB	15207	19530	0.57%	0.054%
82	17.639	2470	2474	2477	rVV2	31773	42944	1.25%	0.120%
83	17.710	2482	2486	2492	rBV5	43486	79242	2.31%	0.221%
84	17.904	2516	2519	2522	rBV4	17190	22055	0.64%	0.062%
85	17.998	2530	2535	2541	rBV	313996	374052	10.89%	1.043%
86	18.210	2564	2571	2574	rBV2	190608	316962	9.22%	0.884%
87	18.375	2596	2599	2603	rBV4	30984	41819	1.22%	0.117%
88	18.910	2686	2690	2694	rVB2	195506	241711	7.03%	0.674%
89	19.128	2722	2727	2736	rVB	535187	703310	20.47%	1.962%
90	19.251	2746	2748	2752	rVB	83909	90518	2.63%	0.252%
91	19.328	2757	2761	2766	rVB	386509	502530	14.62%	1.402%
92	19.386	2768	2771	2776	rVB2	84675	99142	2.89%	0.277%
93	19.439	2776	2780	2784	rBV	123360	163810	4.77%	0.457%
94	19.657	2811	2817	2821	rBV	2340410	3436318	100.00%	9.584%
95	21.110	3061	3064	3073	rVB2	407316	592716	17.25%	1.653%
96	21.316	3096	3099	3102	rBV	148118	158761	4.62%	0.443%
97	21.404	3109	3114	3119	rBV	1691975	2574653	74.92%	7.181%
98	23.110	3401	3404	3411	rVB	299727	467542	13.61%	1.304%
99	23.704	3499	3505	3510	rBV2	881370	1671404	48.64%	4.662%
100	23.863	3526	3532	3540	rVB2	812968	1709575	49.75%	4.768%

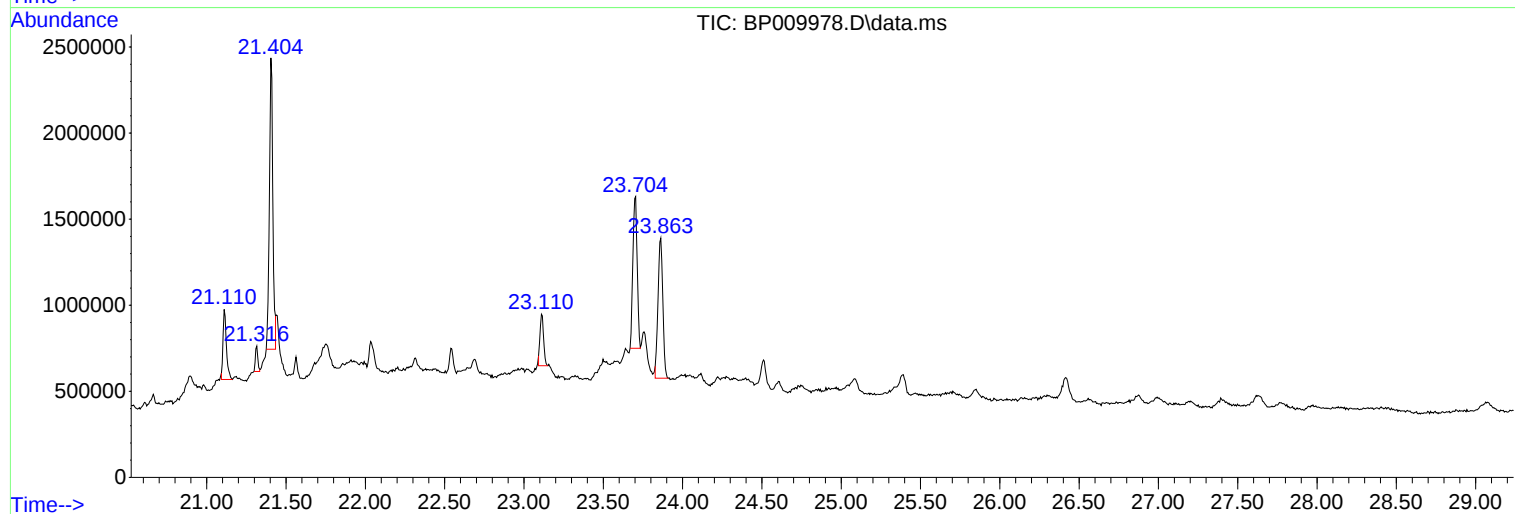
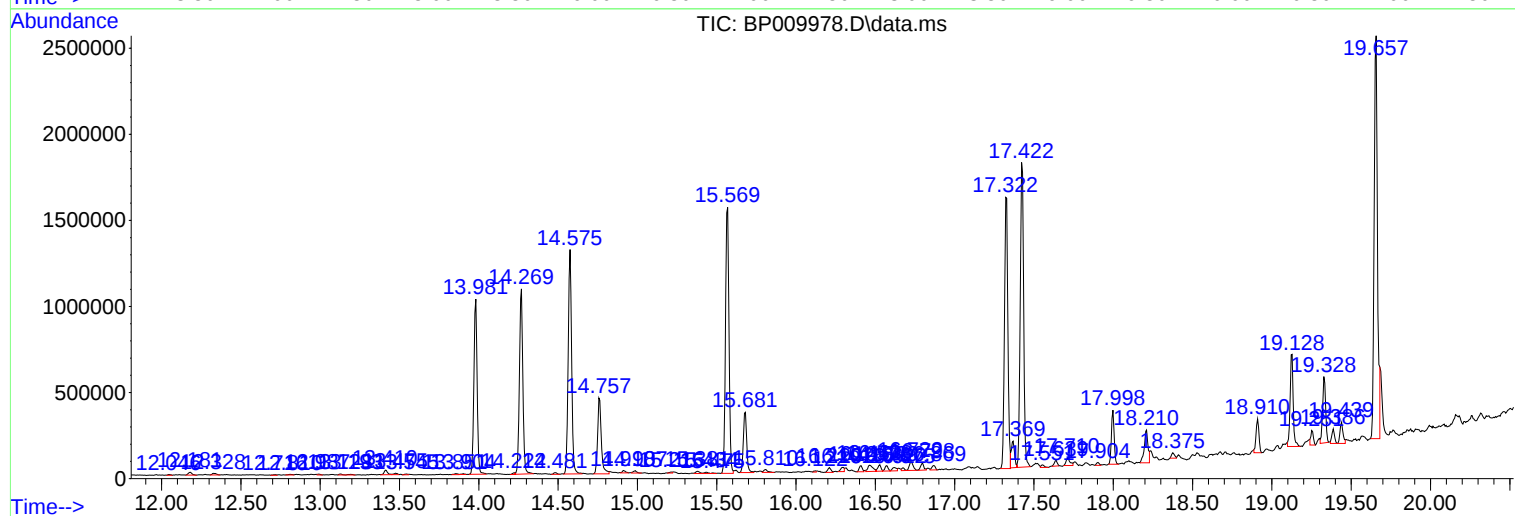
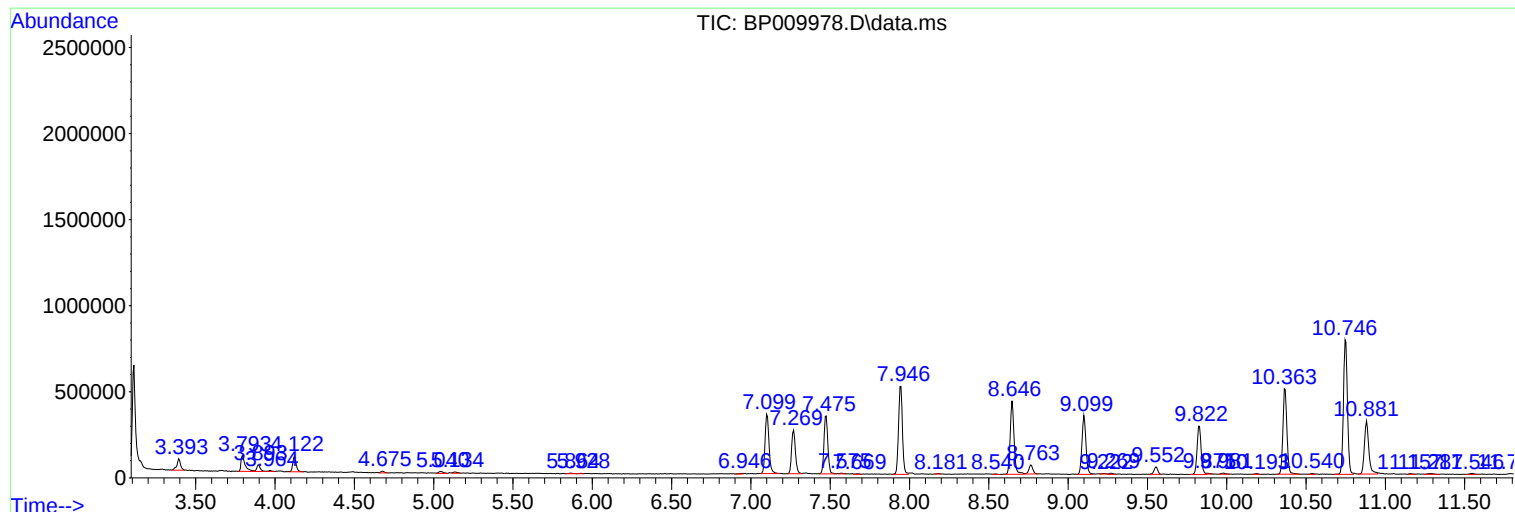
Sum of corrected areas: 35854914

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

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



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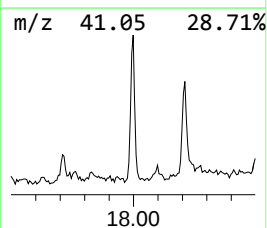
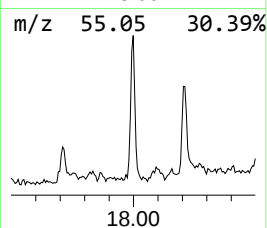
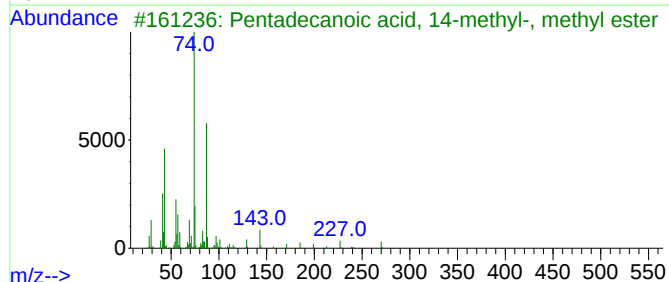
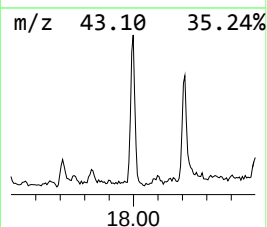
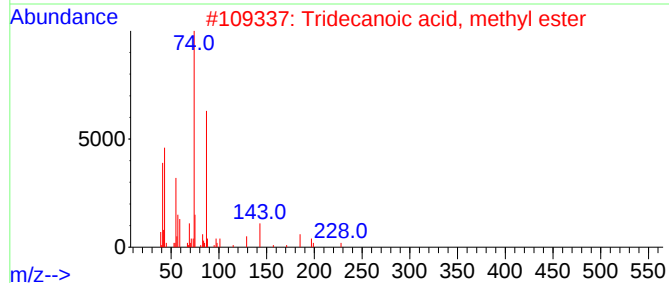
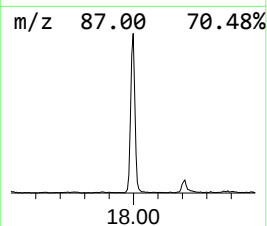
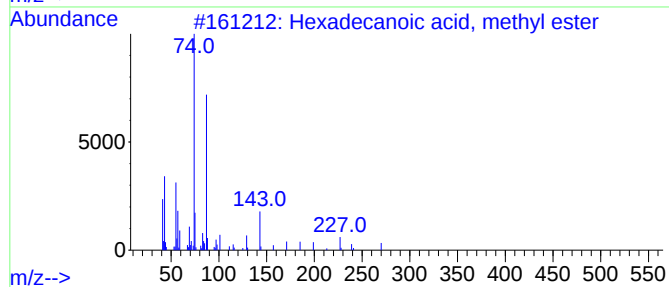
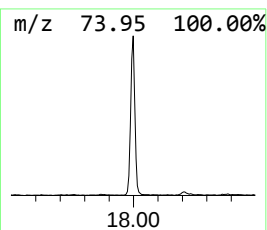
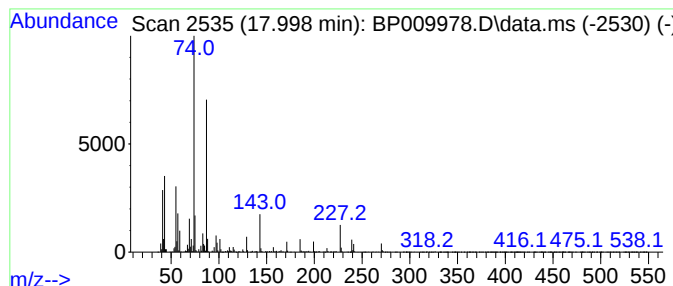
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	3.16 ng/ul	374052	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
5			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91



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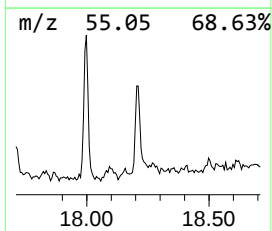
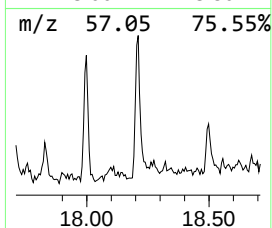
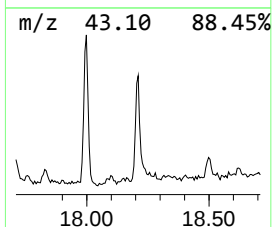
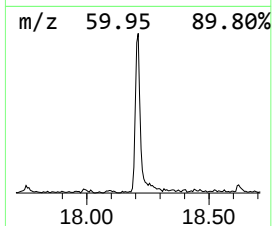
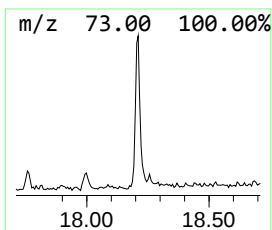
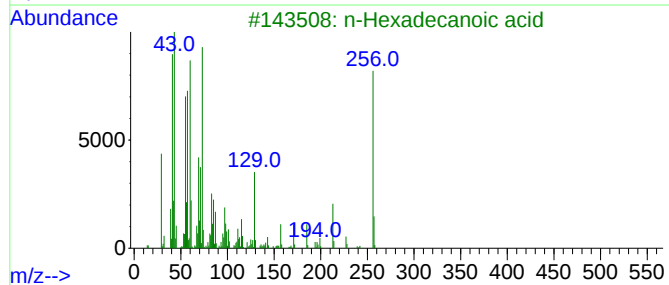
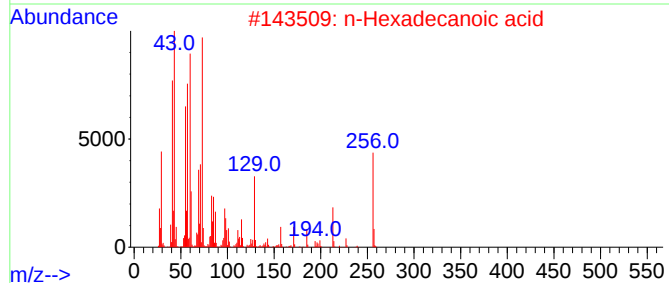
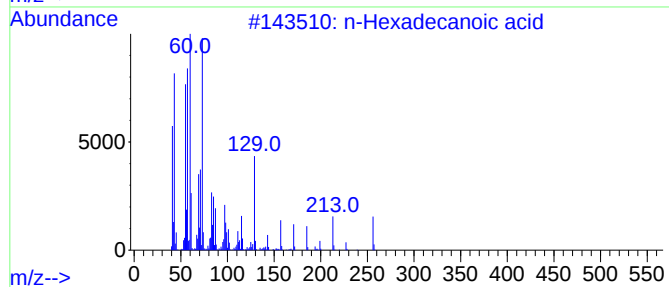
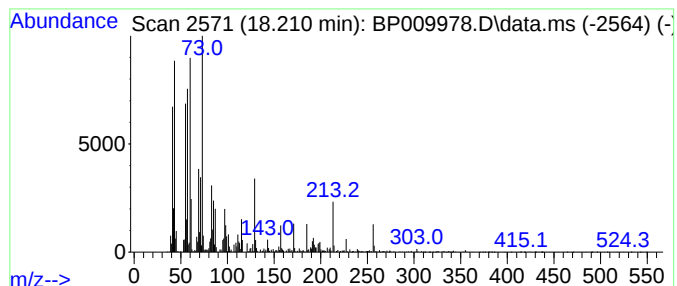
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	2.68 ng/ul	316962	Phenanthrene-d10	17.322

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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5			Tridecanoic acid	214	C13H26O2	000638-53-9	93



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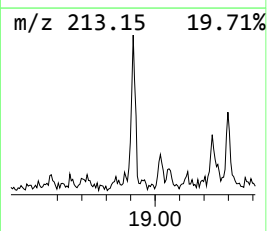
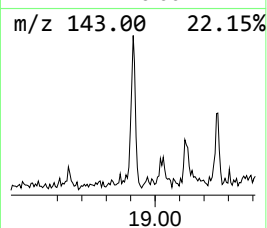
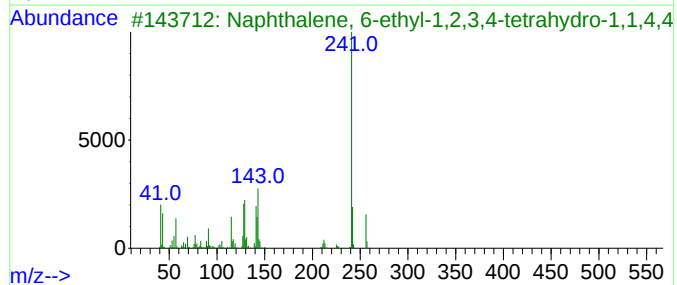
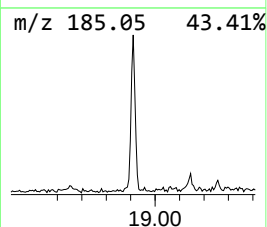
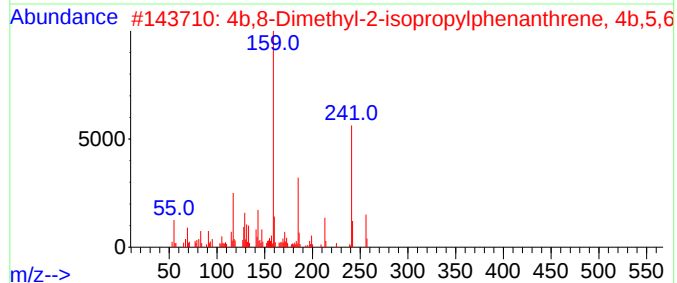
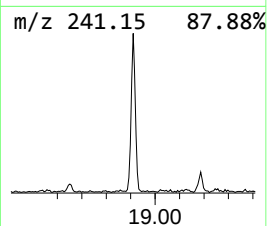
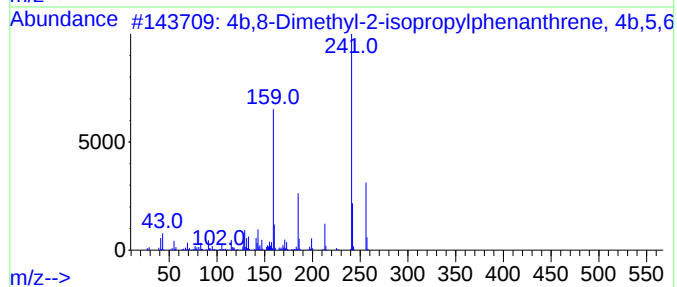
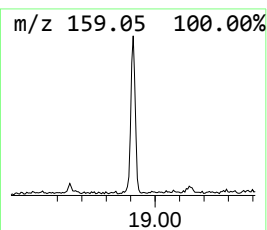
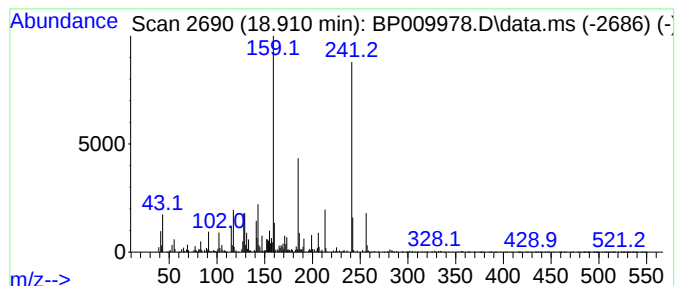
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.910	2.05 ng/ul	241711	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	53
3			Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
4			3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	35
5			Silane, diethylbutoxy(2-fluoroph...	270	C14H23FO2Si	1000363-30-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP009978.D
Acq On : 20 Apr 2022 16:09
Operator : CG/JU
Sample : N2374-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFFF1

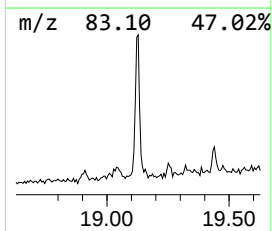
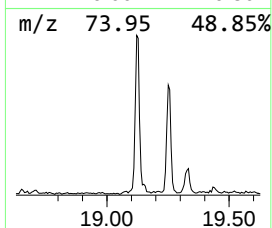
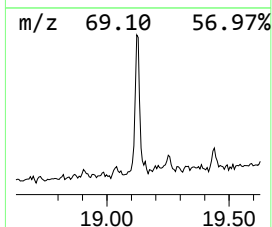
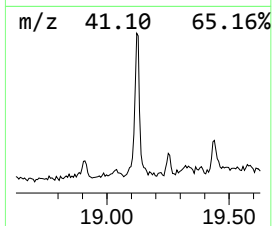
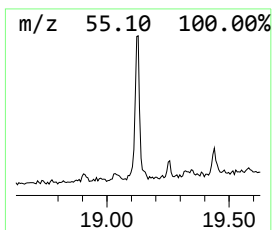
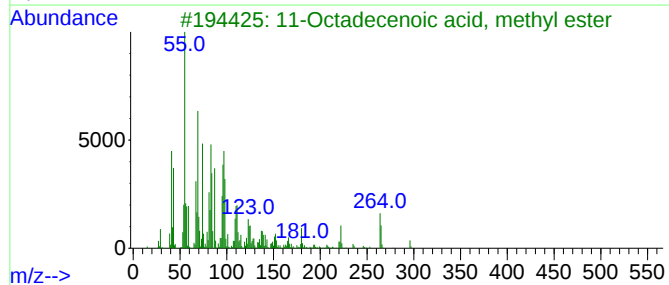
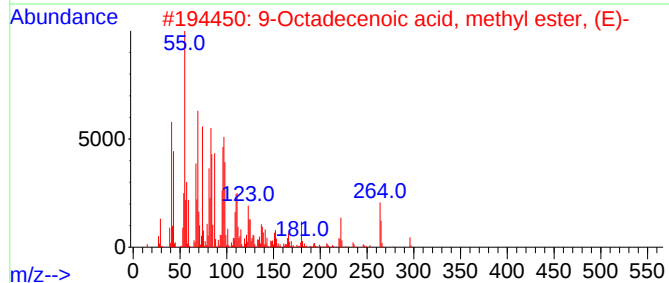
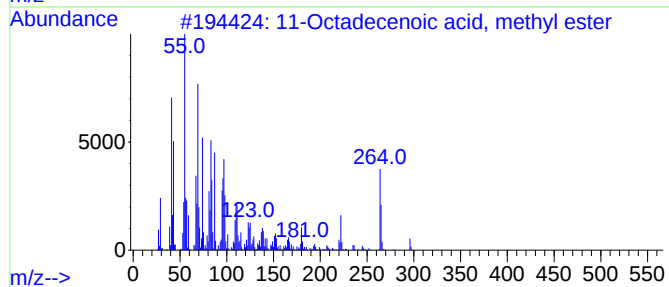
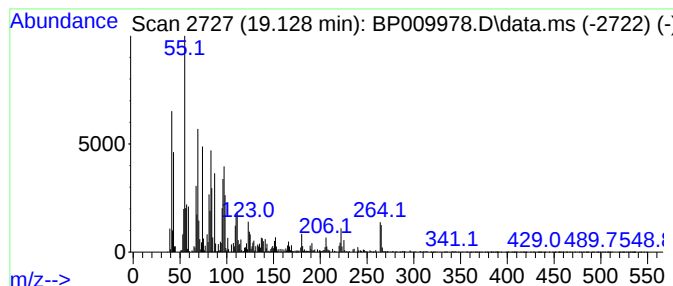
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 11-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	5.95 ng/ul	703310	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	95
2			9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	94
3			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
4			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
5			11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP009978.D
Acq On : 20 Apr 2022 16:09
Operator : CG/JU
Sample : N2374-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

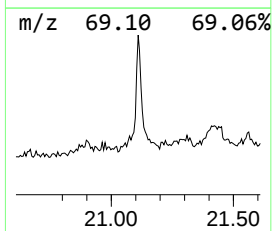
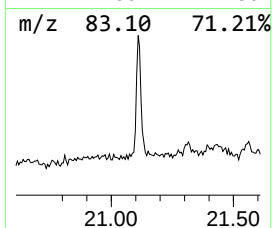
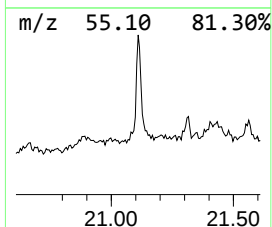
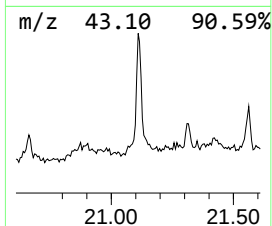
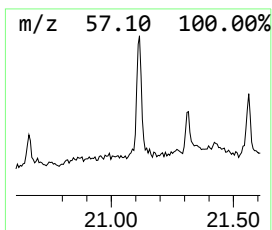
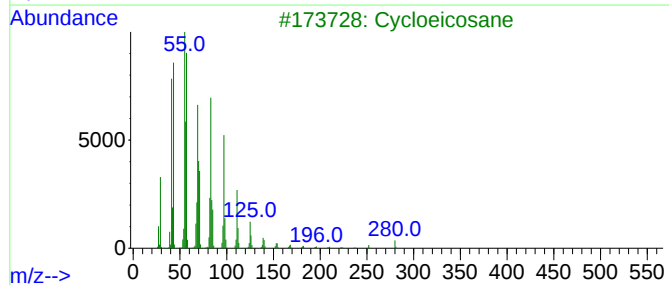
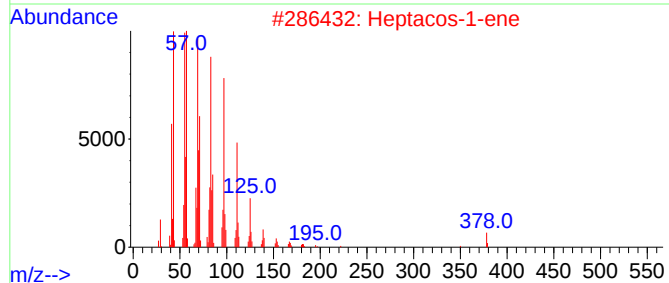
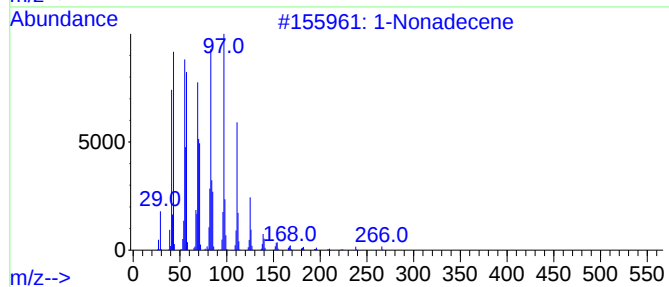
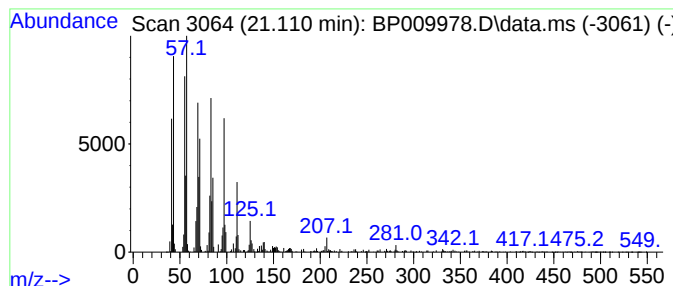
Instrument :
BNA_P
ClientSampleId :
BFFF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.110	4.60 ng/ul	592716	Chrysene-d12	21.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Heptacos-1-ene	378	C27H54	015306-27-1	96
3	Cycloeicosane	280	C20H40	000296-56-0	95
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
5	Cyclotetracosane	336	C24H48	000297-03-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP009978.D
Acq On : 20 Apr 2022 16:09
Operator : CG/JU
Sample : N2374-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFFF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.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
Hexadecanoic ac...	17.998	3.2	ng/ul	374052	4	17.322	2363900	20.0
n-Hexadecanoic ...	18.210	2.7	ng/ul	316962	4	17.322	2363900	20.0
4b,8-Dimethyl-2...	18.910	2.0	ng/ul	241711	4	17.322	2363900	20.0
11-Octadecenoic...	19.128	6.0	ng/ul	703310	4	17.322	2363900	20.0
(DEL) Alkane: S...	21.110	4.6	ng/ul	592716	5	21.404	2574650	20.0