

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
 Data File : BP006600.D
 Acq On : 08 Aug 2021 10:50
 Operator : CG/JU
 Sample : M3169-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00A9

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-BP072421.M
 Title : SVOA CALIBRATION

Signal : TIC: BP006600.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	99	103	114	rBV	256439	435831	9.48%	0.754%
2	3.787	115	119	127	rVB	280864	395206	8.60%	0.684%
3	4.993	321	324	331	rVB	57977	83422	1.81%	0.144%
4	5.416	393	396	406	rVB2	45429	81865	1.78%	0.142%
5	5.781	455	458	463	rVB3	44451	64987	1.41%	0.112%
6	6.934	648	654	661	rVB	889583	1372787	29.86%	2.374%
7	7.099	676	682	694	rVB	741650	1159557	25.22%	2.006%
8	7.287	708	714	724	rVB	963295	1483816	32.27%	2.566%
9	7.375	726	729	737	rVB3	46013	97476	2.12%	0.169%
10	7.752	786	793	802	rVB	875235	1364891	29.69%	2.361%
11	8.463	908	914	921	rBV	971102	1514571	32.94%	2.620%
12	8.904	983	989	996	rBV	878351	1462950	31.82%	2.530%
13	8.975	997	1001	1009	rVB2	61460	89854	1.95%	0.155%
14	9.622	1104	1111	1124	rBV	755594	1268802	27.60%	2.195%
15	9.875	1150	1154	1161	rVB8	10202	23329	0.51%	0.040%
16	9.969	1166	1170	1178	rVB9	11755	23967	0.52%	0.041%
17	10.157	1193	1202	1211	rVB	1085775	1771347	38.53%	3.064%
18	10.240	1213	1216	1222	rVB4	17837	32165	0.70%	0.056%
19	10.328	1225	1231	1240	rVB	126464	211662	4.60%	0.366%
20	10.534	1257	1266	1271	rBV	1195195	2080811	45.26%	3.599%
21	10.581	1271	1274	1280	rVB	100262	157486	3.43%	0.272%
22	10.681	1282	1291	1306	rBV	556665	1084272	23.58%	1.875%
23	11.240	1382	1386	1390	rVB4	10875	17773	0.39%	0.031%
24	11.375	1406	1409	1417	rVB10	10890	19246	0.42%	0.033%
25	11.457	1417	1423	1429	rVB7	13150	25760	0.56%	0.045%
26	11.563	1437	1441	1447	rBV2	44437	71264	1.55%	0.123%
27	11.963	1503	1509	1515	rVV	94607	137312	2.99%	0.237%
28	12.040	1519	1522	1526	rVV4	13064	20428	0.44%	0.035%
29	12.110	1529	1534	1540	rVV4	16865	40733	0.89%	0.070%
30	12.198	1540	1549	1555	rVB	145833	233959	5.09%	0.405%
31	12.416	1580	1586	1595	rVV2	105608	176331	3.84%	0.305%
32	12.663	1621	1628	1632	rVV6	18850	36420	0.79%	0.063%
33	12.781	1645	1648	1655	rVV6	14246	29336	0.64%	0.051%
34	12.869	1659	1663	1665	rVV5	11585	18433	0.40%	0.032%
35	12.922	1668	1672	1677	rVV2	32625	53287	1.16%	0.092%
36	13.216	1714	1722	1730	rVV	157274	228586	4.97%	0.395%

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37	13.540	1770	1777	1778	rBV	54843	69456	1.51%	0.120%
38	13.698	1799	1804	1809	rVV	86980	149488	3.25%	0.259%
39	13.751	1809	1813	1816	rVV	72389	105340	2.29%	0.182%
40	13.798	1816	1821	1829	rVV	1787528	2512840	54.65%	4.346%
41	13.869	1829	1833	1837	rVV2	38366	52220	1.14%	0.090%
42	13.940	1837	1845	1848	rVV2	35991	67094	1.46%	0.116%
43	14.069	1856	1867	1881	rBV	2061916	3186345	69.30%	5.511%
44	14.292	1900	1905	1910	rVB	136220	179363	3.90%	0.310%
45	14.381	1910	1920	1926	rBV	1573665	2426950	52.79%	4.198%
46	14.469	1932	1935	1939	rVB2	29266	39682	0.86%	0.069%
47	14.592	1950	1956	1969	rBV	675515	1197082	26.04%	2.070%
48	14.745	1977	1982	1985	rBV2	64555	106440	2.32%	0.184%
49	14.781	1985	1988	1997	rVV2	85414	150530	3.27%	0.260%
50	14.857	1997	2001	2005	rVB	49795	70131	1.53%	0.121%
51	14.910	2006	2010	2019	rVB8	22788	43449	0.95%	0.075%
52	14.998	2019	2025	2030	rBV5	38882	76404	1.66%	0.132%
53	15.051	2030	2034	2039	rVB	49671	67796	1.47%	0.117%
54	15.175	2048	2055	2058	rBV2	35789	57952	1.26%	0.100%
55	15.245	2063	2067	2071	rVB	148445	180837	3.93%	0.313%
56	15.316	2073	2079	2082	rBV4	26225	39111	0.85%	0.068%
57	15.375	2082	2089	2095	rBV	2509741	3568981	77.62%	6.173%
58	15.445	2095	2101	2103	rVV4	29964	59315	1.29%	0.103%
59	15.504	2103	2111	2117	rVB	408086	602402	13.10%	1.042%
60	15.616	2126	2130	2133	rBV3	25740	36542	0.79%	0.063%
61	15.651	2133	2136	2141	rVB2	30055	43074	0.94%	0.075%
62	15.728	2143	2149	2155	rVB	60578	98326	2.14%	0.170%
63	15.875	2169	2174	2181	rVB5	46265	108491	2.36%	0.188%
64	15.963	2181	2189	2195	rBV5	34056	71238	1.55%	0.123%
65	16.110	2209	2214	2222	rBV	190141	282122	6.14%	0.488%
66	16.545	2285	2288	2295	rBV8	21579	38139	0.83%	0.066%
67	16.669	2305	2309	2313	rBV4	39649	66007	1.44%	0.114%
68	16.710	2313	2316	2319	rVV3	29361	36961	0.80%	0.064%
69	16.792	2325	2330	2337	rBV2	83544	146117	3.18%	0.253%
70	16.863	2337	2342	2346	rBV3	52213	97656	2.12%	0.169%
71	16.910	2346	2350	2354	rVV	155773	210650	4.58%	0.364%
72	16.957	2354	2358	2367	rVB5	42153	78775	1.71%	0.136%
73	17.045	2369	2373	2380	rBV2	77061	113852	2.48%	0.197%
74	17.133	2380	2388	2392	rBV	1727050	2536098	55.16%	4.386%
75	17.175	2392	2395	2399	rVV	297953	395806	8.61%	0.685%
76	17.233	2399	2405	2416	rVB2	2619893	3736406	81.27%	6.463%

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77	17.322	2416	2420	2426	rBV5	39165	68864	1.50%	0.119%
78	17.451	2438	2442	2447	rVB2	87436	124423	2.71%	0.215%
79	17.651	2472	2476	2480	rBV2	141658	168828	3.67%	0.292%
80	17.716	2484	2487	2491	rVB2	50715	67589	1.47%	0.117%
81	17.822	2501	2505	2508	rBV2	60197	80433	1.75%	0.139%
82	17.928	2519	2523	2527	rVB3	62494	86058	1.87%	0.149%
83	17.980	2528	2532	2534	rBV	97166	129454	2.82%	0.224%
84	18.004	2534	2536	2539	rVV	97424	124519	2.71%	0.215%
85	18.045	2539	2543	2552	rVB3	595904	903435	19.65%	1.563%
86	18.186	2563	2567	2571	rBV2	109566	154083	3.35%	0.267%
87	18.227	2571	2574	2580	rVB	88844	124490	2.71%	0.215%
88	18.322	2586	2590	2598	rBV2	197750	346707	7.54%	0.600%
89	18.492	2615	2619	2623	rBV	125617	178931	3.89%	0.309%
90	18.780	2665	2668	2670	rBV	44273	50431	1.10%	0.087%
91	18.898	2685	2688	2691	rVB	92311	112102	2.44%	0.194%
92	18.939	2691	2695	2700	rBV2	161506	215635	4.69%	0.373%
93	19.151	2727	2731	2736	rBV	398447	581534	12.65%	1.006%
94	19.280	2750	2753	2760	rVB2	129955	194144	4.22%	0.336%
95	19.475	2781	2786	2800	rBV2	2886276	4597748	100.00%	7.952%
96	20.022	2876	2879	2882	rVB	146327	152478	3.32%	0.264%
97	20.957	3035	3038	3044	rBV	438919	614384	13.36%	1.063%
98	21.233	3080	3085	3089	rBV	2085354	2707408	58.89%	4.683%
99	23.415	3451	3456	3462	rVB	1873560	3140400	68.30%	5.432%
100	23.563	3477	3481	3489	rVB2	1294694	2416948	52.57%	4.180%

Sum of corrected areas: 57816416

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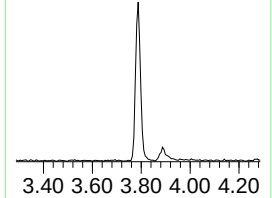
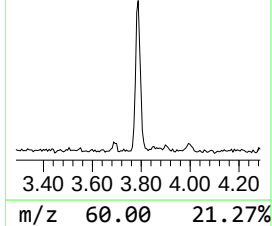
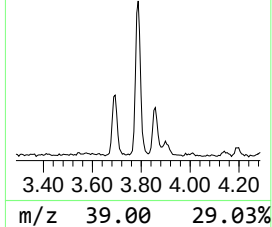
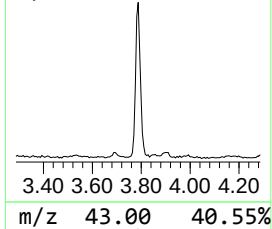
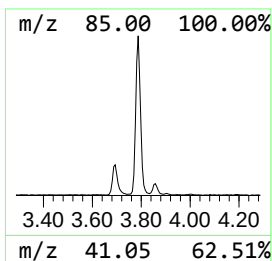
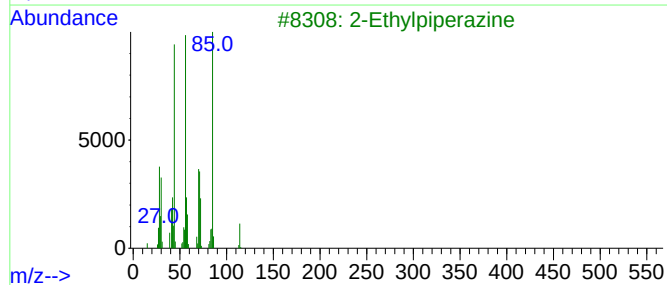
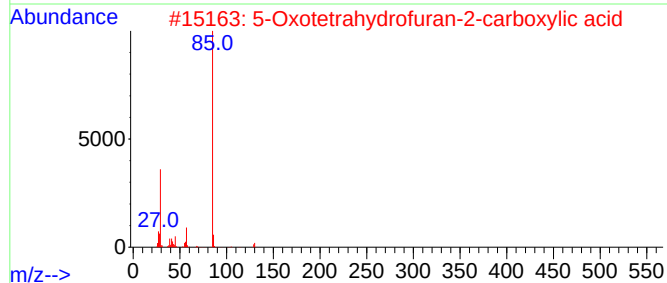
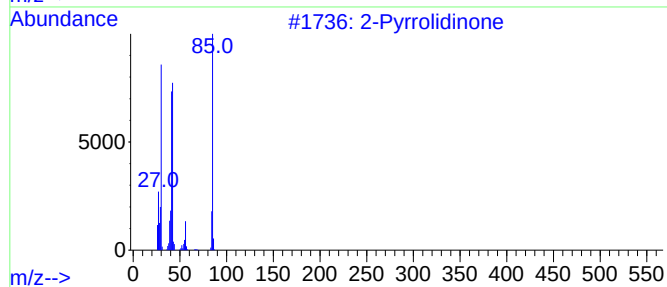
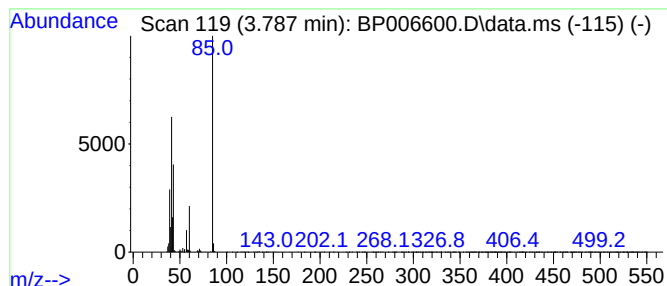
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.790	5.79 ng/ul	395206	1,4-Dichlorobenzene-d4	7.752

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone			85	C4H7NO	000616-45-5	9
2	5-Oxotetrahydrofuran-2-carboxyli...			130	C5H6O4	004344-84-7	9
3	2-Ethylpiperazine			114	C6H14N2	013961-37-0	9
4	4-Methoxy-3-buten-2-one			100	C5H8O2	004652-27-1	9
5	2(3H)-Furanone, 5-ethylidihydro-			114	C6H10O2	000695-06-7	9



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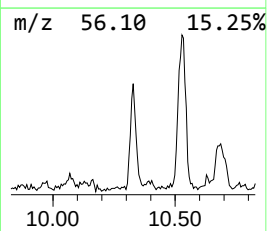
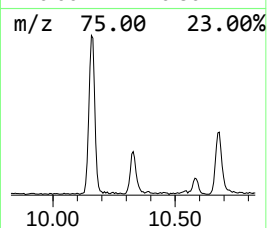
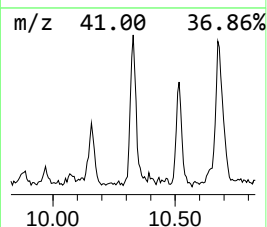
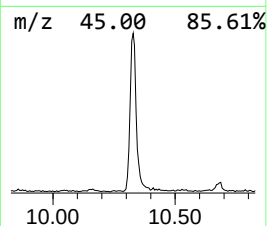
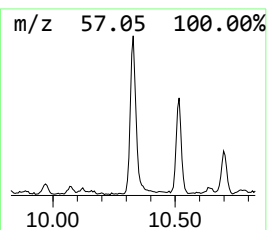
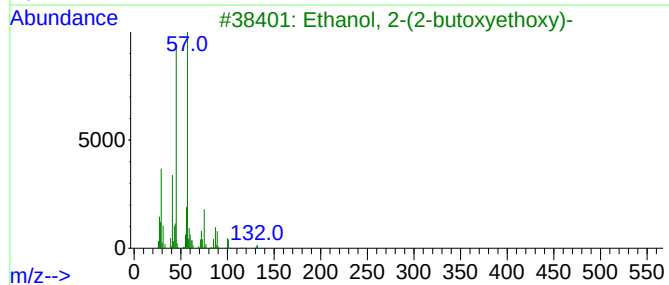
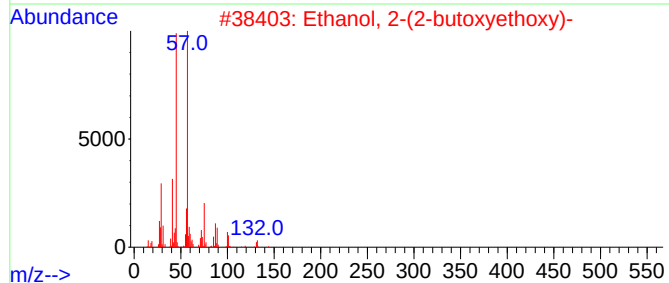
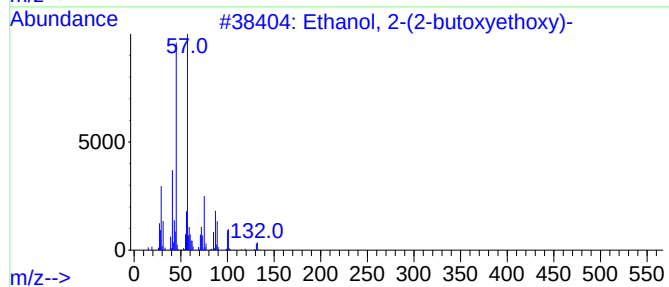
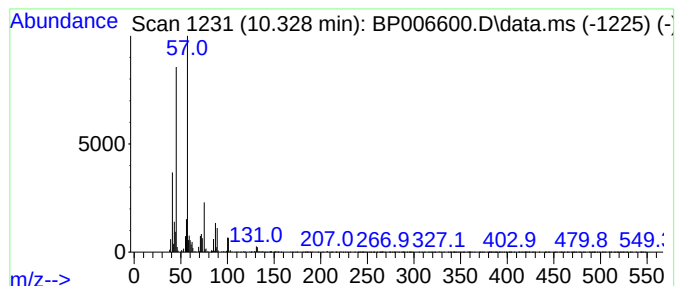
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.330	2.03 ng/ul	211662	Naphthalene-d8	10.534

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
3			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
4			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	86
5			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83



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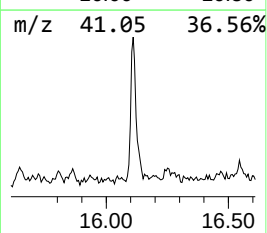
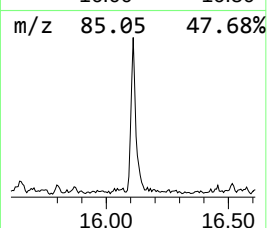
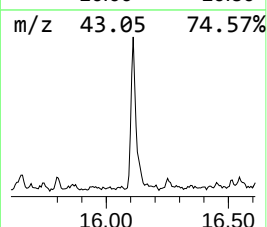
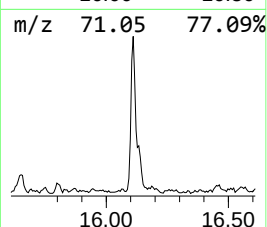
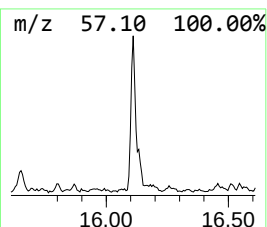
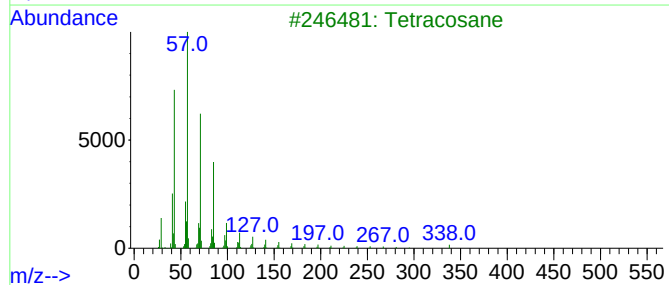
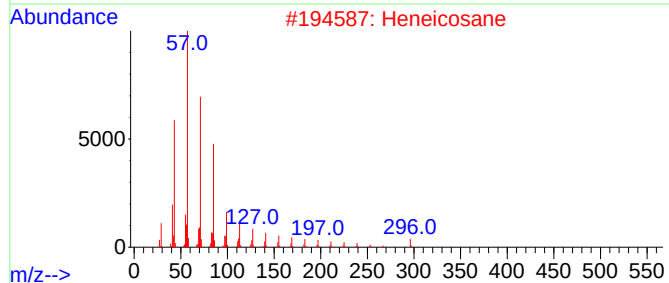
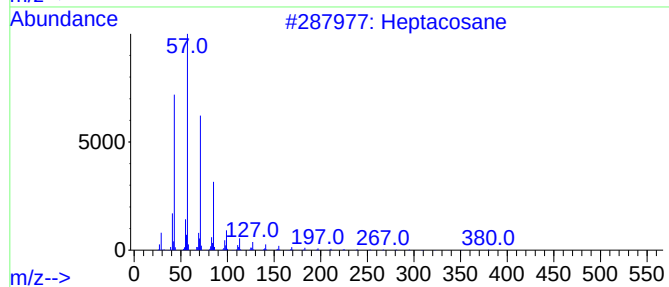
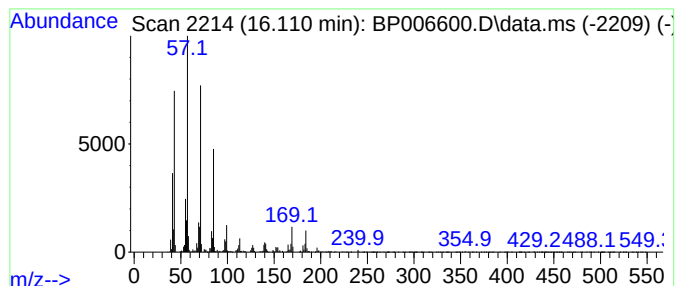
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	2.22 ng/ul	282122	Phenanthrene-d10	17.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Heneicosane	296	C21H44	000629-94-7	81
3			Tetracosane	338	C24H50	000646-31-1	80
4			Heptadecane	240	C17H36	000629-78-7	80
5			Tetracosane	338	C24H50	000646-31-1	78



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ClientSampleId :
C00A9

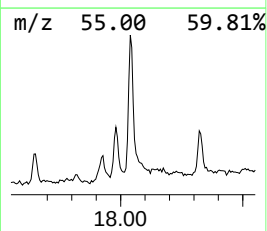
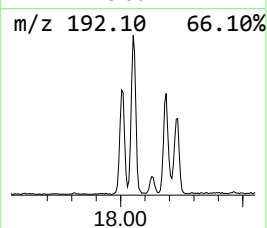
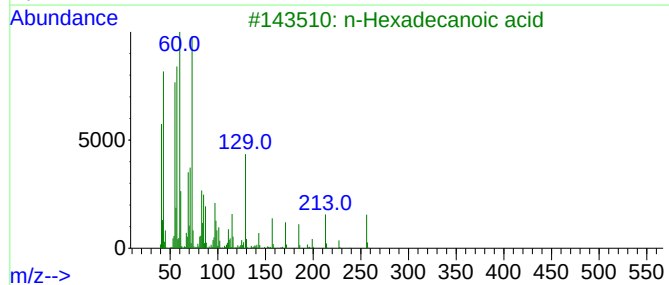
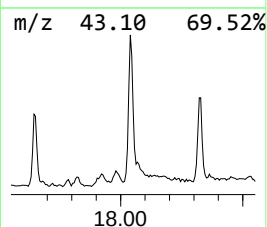
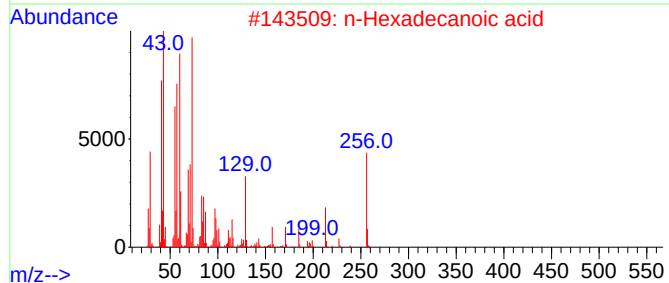
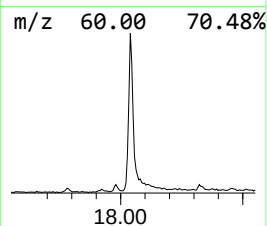
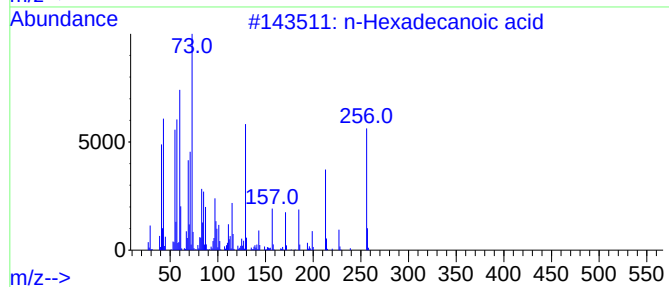
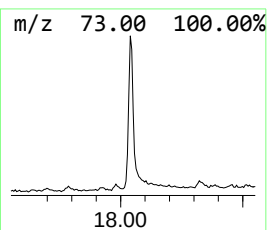
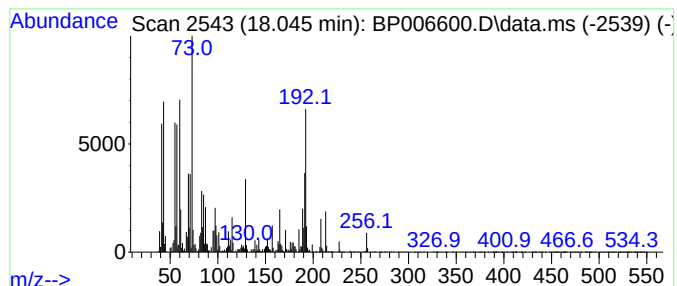
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	7.12 ng/ul	903435	Phenanthrene-d10	17.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97		
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93		
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93		
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006600.D
Acq On : 08 Aug 2021 10:50
Operator : CG/JU
Sample : M3169-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00A9

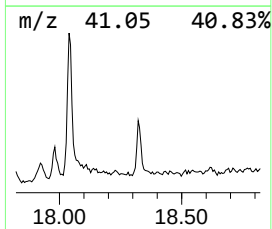
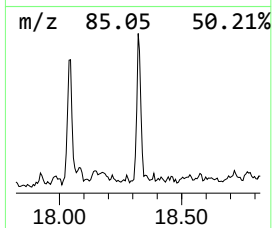
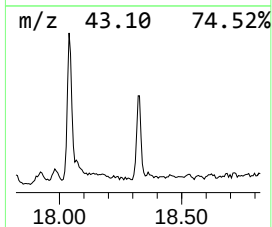
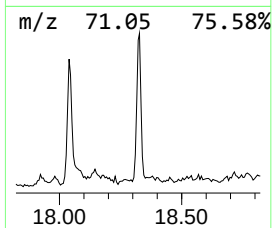
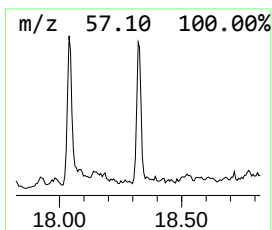
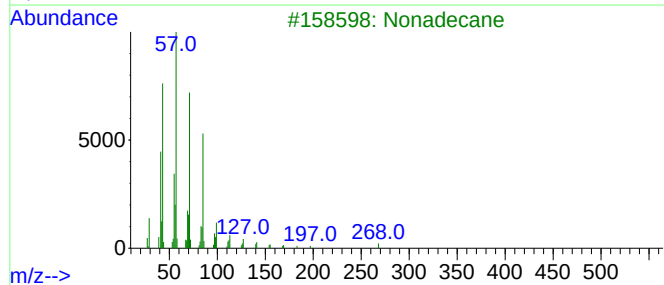
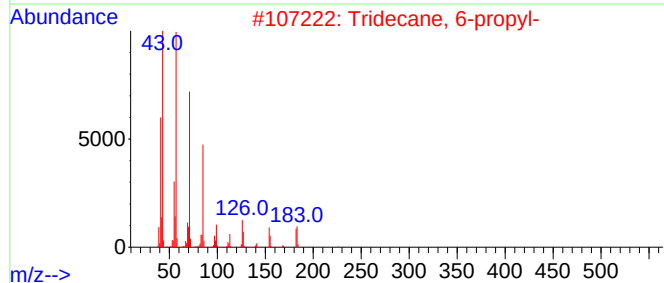
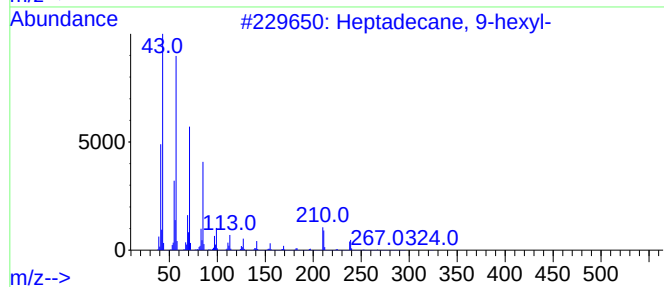
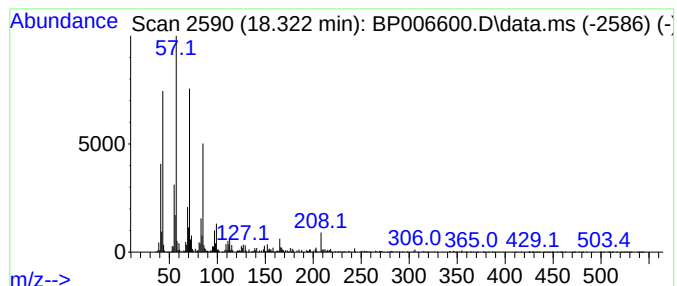
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.320	2.73 ng/ul	346707	Phenanthrene-d10	17.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
3			Nonadecane	268	C19H40	000629-92-5	87
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5			Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006600.D
Acq On : 08 Aug 2021 10:50
Operator : CG/JU
Sample : M3169-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00A9

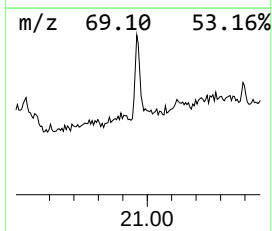
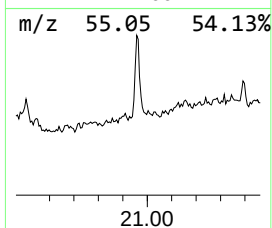
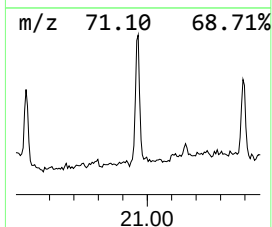
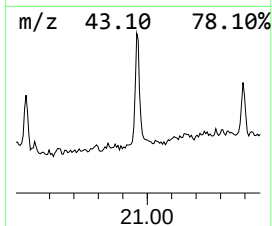
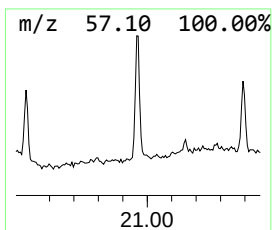
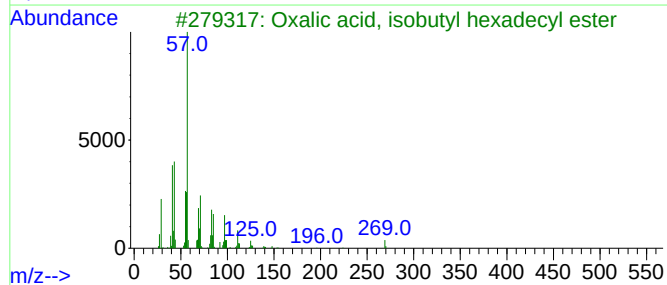
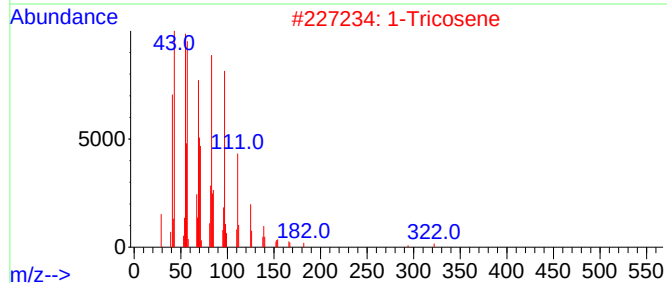
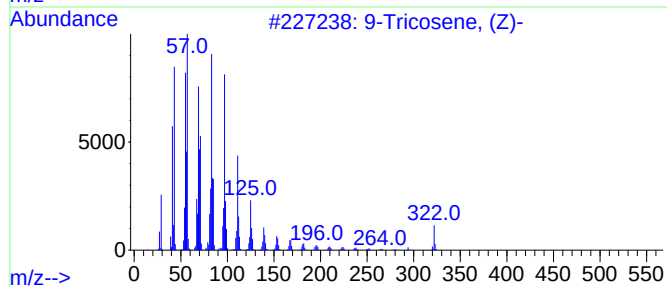
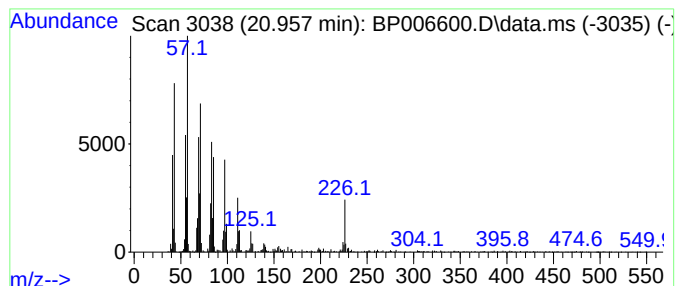
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.960	4.54 ng/ul	614384	Chrysene-d12	21.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-			322	C23H46	027519-02-4	91
2	1-Tricosene			322	C23H46	018835-32-0	90
3	Oxalic acid, isobutyl hexadecyl ...			370	C22H42O4	1000309-38-1	87
4	Cyclohexadecane			224	C16H32	000295-65-8	83
5	Pentadecafluorooctanoic acid, oc...			666	C26H37F15O2	1000406-04-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006600.D
Acq On : 08 Aug 2021 10:50
Operator : CG/JU
Sample : M3169-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00A9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.790	5.8	ng/ul	395206	1	7.752	1364890	20.0
Ethanol, 2-(2-b...	10.330	2.0	ng/ul	211662	2	10.534	2080810	20.0
(DEL) Alkane: S...	16.110	2.2	ng/ul	282122	4	17.134	2536100	20.0
n-Hexadecanoic ...	18.050	7.1	ng/ul	903435	4	17.134	2536100	20.0
(DEL) Alkane: S...	18.320	2.7	ng/ul	346707	4	17.134	2536100	20.0
(DEL) Alkane: S...	20.960	4.5	ng/ul	614384	5	21.233	2707410	20.0