

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032125.D
 Acq On : 21 Jun 2024 10:22
 Operator : MA/JU
 Sample : P2710-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BM9

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_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN032125.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	26	30	37	rBV	57798	81768	1.07%	0.088%
2	3.434	72	76	84	rBV	27331	44713	0.58%	0.048%
3	3.564	96	98	113	rBV	767356	1202522	15.70%	1.294%
4	3.875	147	151	158	rVB	22366	32084	0.42%	0.035%
5	4.423	239	244	247	rBV3	8420	11463	0.15%	0.012%
6	4.775	299	304	312	rBV	22142	35096	0.46%	0.038%
7	5.028	341	347	349	rBV3	7208	12078	0.16%	0.013%
8	5.358	399	403	407	rBV3	5944	9114	0.12%	0.010%
9	5.740	461	468	476	rBV	13872	30471	0.40%	0.033%
10	6.252	551	555	559	rBV3	6512	11302	0.15%	0.012%
11	6.658	618	624	631	rBV3	13324	25014	0.33%	0.027%
12	6.817	643	651	663	rBV	1166045	1949854	25.45%	2.098%
13	6.981	671	679	692	rVB	965447	1509614	19.70%	1.624%
14	7.169	702	711	719	rBV	1245692	2045418	26.70%	2.201%
15	7.246	719	724	737	rVB	96995	186524	2.43%	0.201%
16	7.634	783	790	798	rBV	1270537	2050293	26.76%	2.206%
17	8.216	884	889	893	rBV8	5357	9854	0.13%	0.011%
18	8.346	903	911	927	rBV	1564537	2643863	34.51%	2.845%
19	8.793	979	987	1001	rBV	1198742	1989922	25.97%	2.141%
20	8.952	1010	1014	1020	rVB7	5880	10188	0.13%	0.011%
21	9.169	1043	1051	1056	rVV8	6381	15047	0.20%	0.016%
22	9.234	1056	1062	1066	rVB6	4438	7848	0.10%	0.008%
23	9.358	1076	1083	1091	rBV	26996	49331	0.64%	0.053%
24	9.510	1101	1109	1120	rBV	1012406	1732477	22.61%	1.864%
25	9.752	1143	1150	1157	rBV3	13351	27206	0.36%	0.029%
26	9.940	1176	1182	1188	rVB5	6744	12751	0.17%	0.014%
27	10.046	1192	1200	1216	rBV	1584932	2853448	37.24%	3.070%
28	10.210	1224	1228	1235	rVB7	11032	21890	0.29%	0.024%
29	10.416	1255	1263	1273	rBV	2016555	3416386	44.59%	3.676%
30	10.563	1280	1288	1304	rBV	1523732	2677955	34.95%	2.882%
31	10.946	1347	1353	1354	rBV5	9495	11669	0.15%	0.013%
32	11.163	1385	1390	1396	rBV	47225	101056	1.32%	0.109%
33	11.216	1396	1399	1406	rVB6	15574	29867	0.39%	0.032%
34	11.922	1509	1519	1524	rBV4	11258	22519	0.29%	0.024%
35	12.010	1527	1534	1544	rVV2	29904	59141	0.77%	0.064%
36	12.881	1676	1682	1688	rBV9	5464	11763	0.15%	0.013%

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37	13.093	1715	1718	1724	rVB6	6712	8831	0.12%	0.010%
38	13.175	1724	1732	1741	rBV	785245	1230455	16.06%	1.324%
39	13.240	1741	1743	1749	rVB5	11390	19239	0.25%	0.021%
40	13.499	1783	1787	1793	rVB8	7588	11002	0.14%	0.012%
41	13.699	1813	1821	1834	rBV	2921379	4201548	54.84%	4.521%
42	13.975	1856	1868	1886	rBV	3548092	5345165	69.77%	5.752%
43	14.281	1913	1920	1928	rBV	3350367	5042249	65.81%	5.426%
44	14.340	1928	1930	1935	rVV4	15808	23635	0.31%	0.025%
45	14.381	1935	1937	1945	rVB8	8736	18233	0.24%	0.020%
46	14.510	1951	1959	1978	rBV	1109536	1950687	25.46%	2.099%
47	14.704	1989	1992	2003	rVB9	21136	52167	0.68%	0.056%
48	14.798	2005	2008	2014	rVB8	6125	13795	0.18%	0.015%
49	15.075	2050	2055	2059	rBV3	12473	21864	0.29%	0.024%
50	15.281	2082	2090	2097	rBV	4199492	6443286	84.10%	6.933%
51	15.328	2097	2098	2106	rVV4	14169	19931	0.26%	0.021%
52	15.416	2106	2113	2123	rVV	840351	1227892	16.03%	1.321%
53	15.516	2126	2130	2139	rVB4	30872	58753	0.77%	0.063%
54	15.628	2145	2149	2150	rBV4	8561	8236	0.11%	0.009%
55	15.734	2164	2167	2172	rVB6	10322	12672	0.17%	0.014%
56	15.840	2181	2185	2190	rBV6	13063	24144	0.32%	0.026%
57	15.998	2208	2212	2216	rVV6	11532	19157	0.25%	0.021%
58	16.063	2221	2223	2231	rVB6	6164	8907	0.12%	0.010%
59	16.145	2234	2237	2239	rBV3	8695	10541	0.14%	0.011%
60	16.298	2258	2263	2268	rBV	20992	40211	0.52%	0.043%
61	16.440	2283	2287	2295	rVV3	35304	59820	0.78%	0.064%
62	16.492	2295	2296	2302	rVB5	4955	7807	0.10%	0.008%
63	16.569	2307	2309	2316	rVB8	6320	10141	0.13%	0.011%
64	16.704	2328	2332	2336	rVB7	9624	15589	0.20%	0.017%
65	16.792	2344	2347	2349	rBV3	16852	22047	0.29%	0.024%
66	16.951	2371	2374	2378	rVB6	20555	27088	0.35%	0.029%
67	17.034	2380	2388	2393	rBV	3972244	5959311	77.78%	6.412%
68	17.075	2393	2395	2399	rVV	150902	177694	2.32%	0.191%
69	17.134	2399	2405	2414	rVV	4508151	6667042	87.02%	7.174%
70	17.210	2414	2418	2426	rVV5	26214	55285	0.72%	0.059%
71	17.322	2431	2437	2444	rBV2	35617	82045	1.07%	0.088%
72	17.416	2451	2453	2454	rBV2	11861	10134	0.13%	0.011%
73	17.704	2498	2502	2507	rVB	83025	104917	1.37%	0.113%
74	17.804	2515	2519	2528	rBV4	45393	94239	1.23%	0.101%
75	17.934	2534	2541	2550	rBV	1252805	1904941	24.86%	2.050%
76	18.098	2566	2569	2573	rBV3	28162	39948	0.52%	0.043%

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77	18.263	2593	2597	2602	rBV2	71216	120096	1.57%	0.129%
78	18.857	2696	2698	2699	rBV2	22967	21090	0.28%	0.023%
79	18.886	2699	2703	2707	rVB	184262	207222	2.70%	0.223%
80	18.992	2717	2721	2724	rBV2	65438	85580	1.12%	0.092%
81	19.098	2730	2739	2747	rBV2	361815	732997	9.57%	0.789%
82	19.222	2756	2760	2770	rBV	336300	558567	7.29%	0.601%
83	19.369	2782	2785	2789	rVB3	64970	76917	1.00%	0.083%
84	19.433	2790	2796	2809	rVV2	5007778	7661653	100.00%	8.244%
85	20.475	2970	2973	2977	rBV	151478	177835	2.32%	0.191%
86	20.951	3050	3054	3063	rBV	788863	1162062	15.17%	1.250%
87	21.269	3102	3108	3113	rBV2	3377788	5159897	67.35%	5.552%
88	22.004	3230	3233	3237	rBV	148186	187995	2.45%	0.202%
89	22.792	3363	3367	3374	rVB	338586	580686	7.58%	0.625%
90	23.980	3561	3569	3589	rVB2	2086229	5477732	71.50%	5.894%
91	24.180	3595	3603	3614	rBV	1932783	4731883	61.76%	5.092%

Sum of corrected areas: 92934369

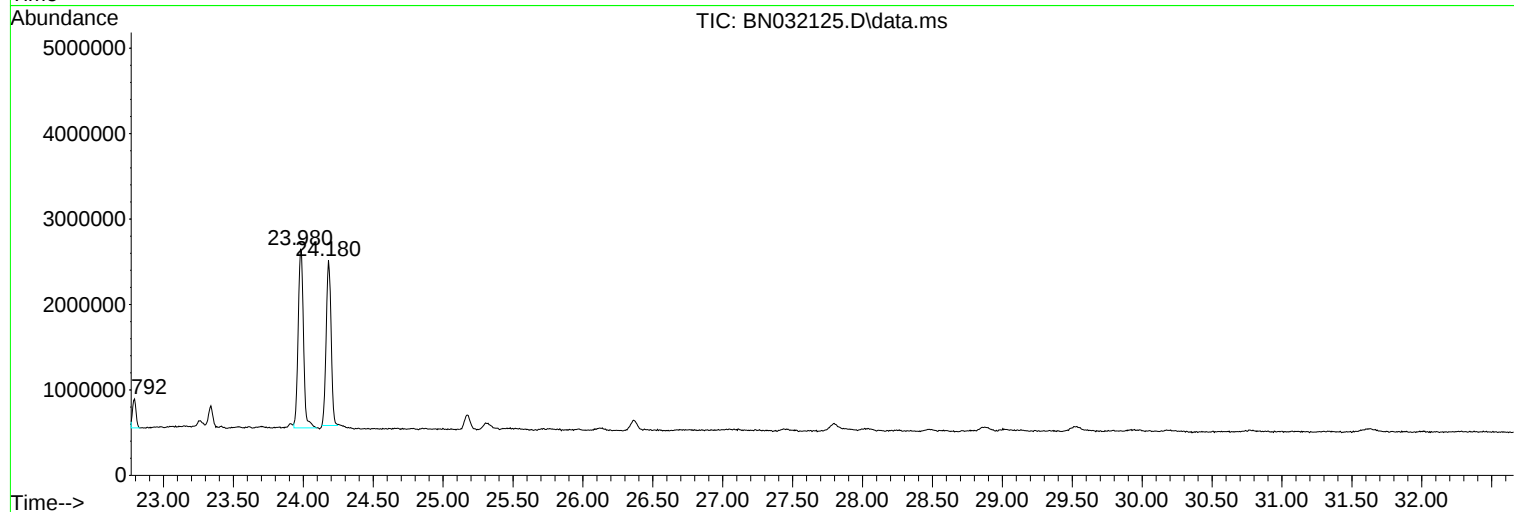
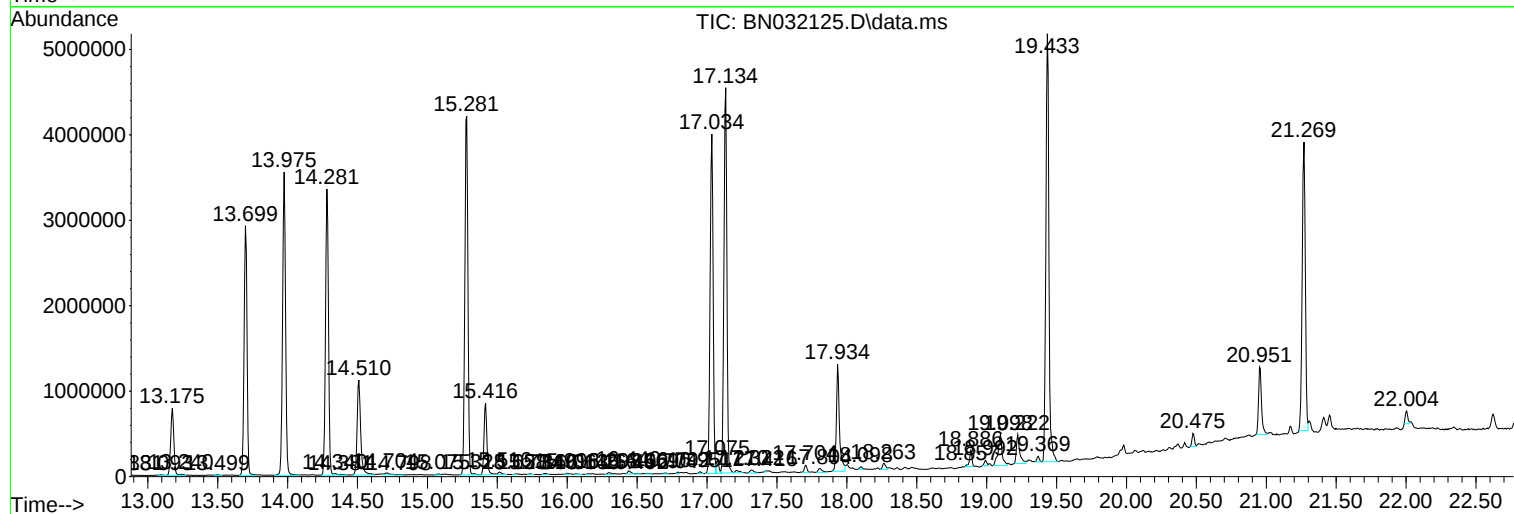
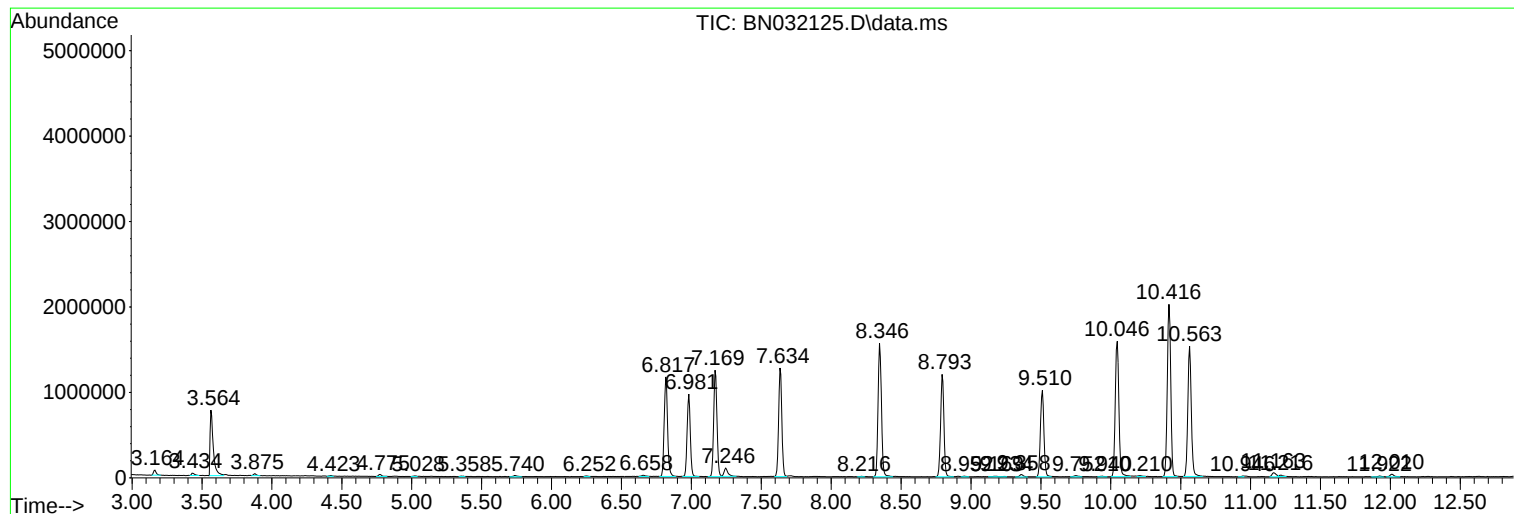
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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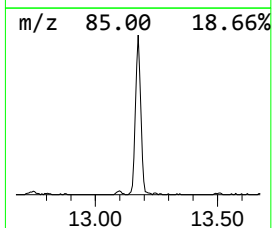
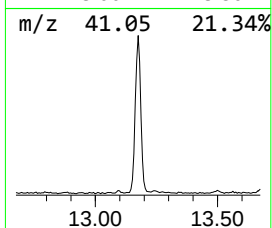
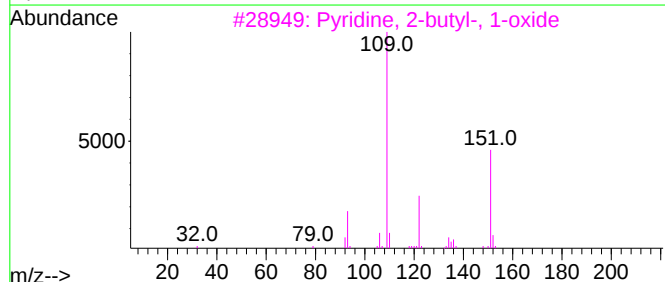
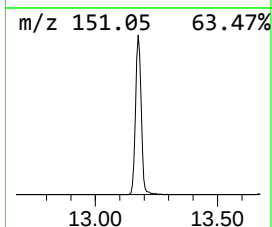
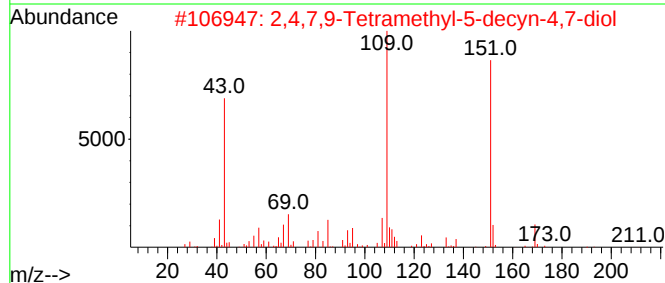
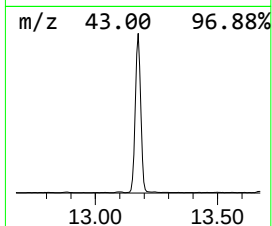
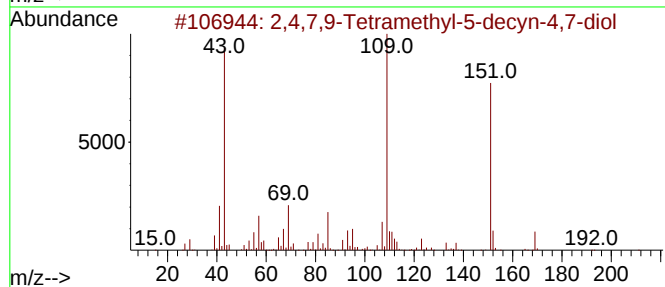
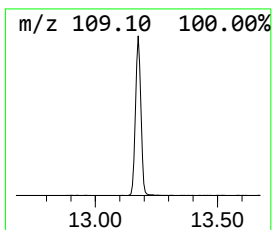
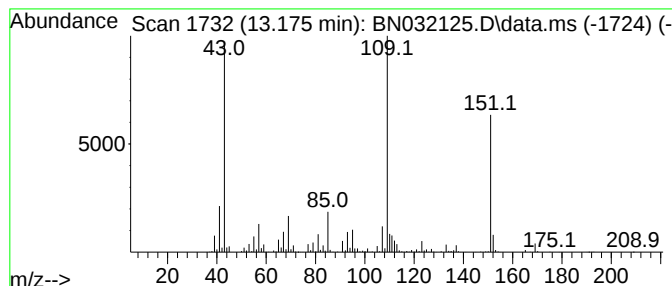
Instrument :
BNA_N
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A4BM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.175	4.88 ng/ul	1230460	Acenaphthene-d10	14.281	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53



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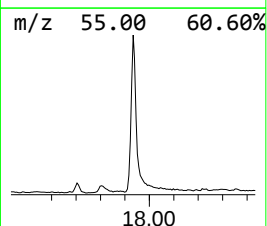
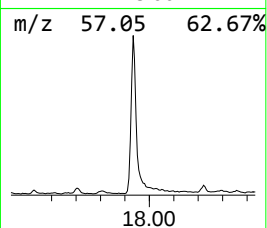
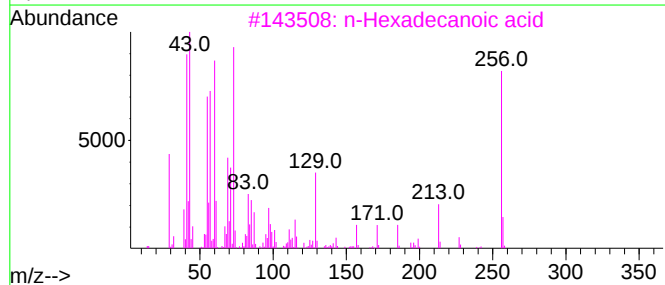
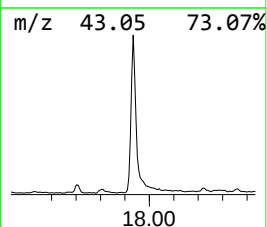
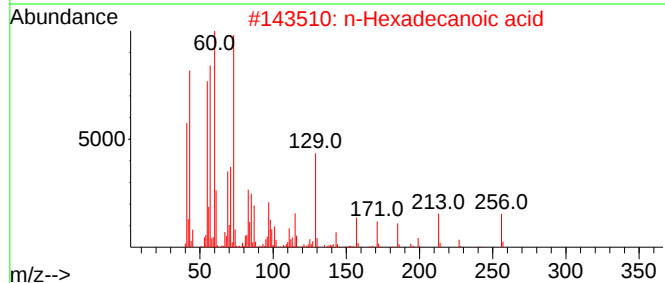
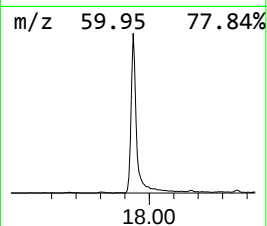
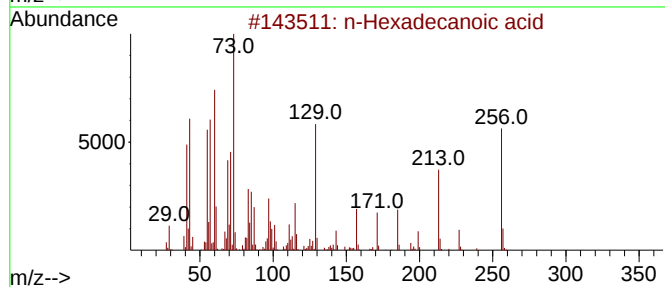
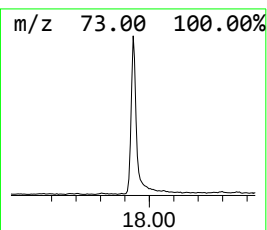
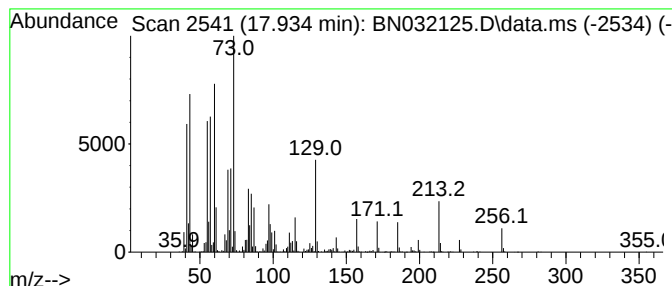
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.934	6.39 ng/ul	1904940	Phenanthrene-d10	17.034

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	96
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	91



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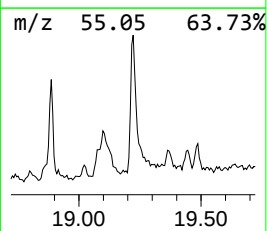
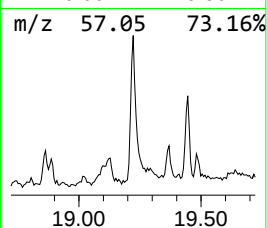
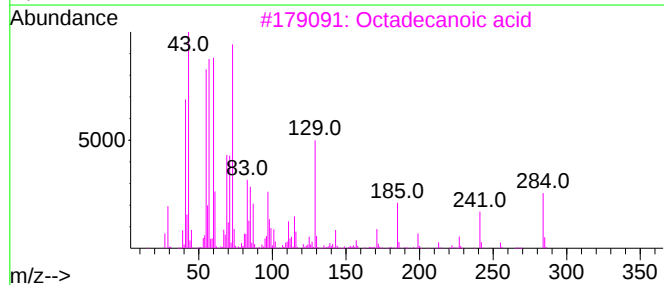
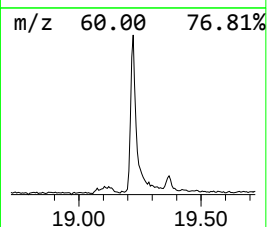
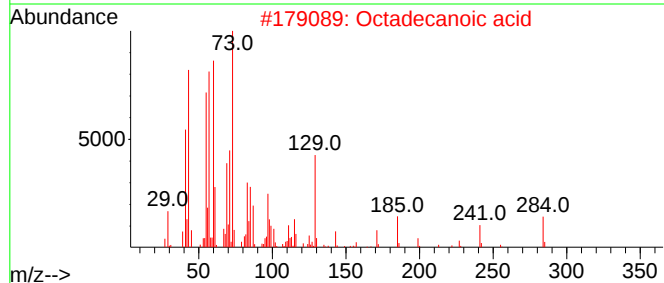
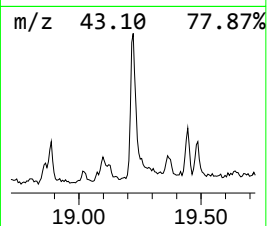
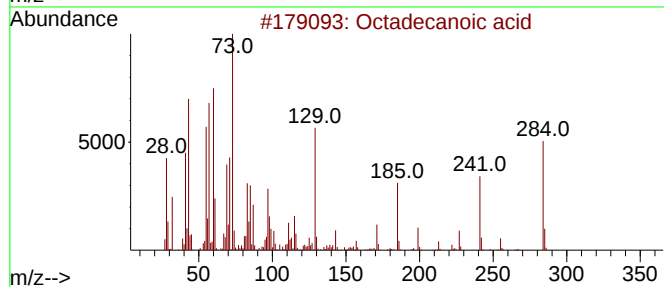
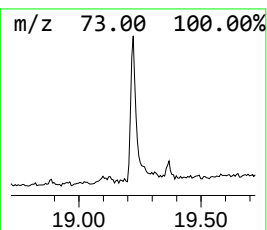
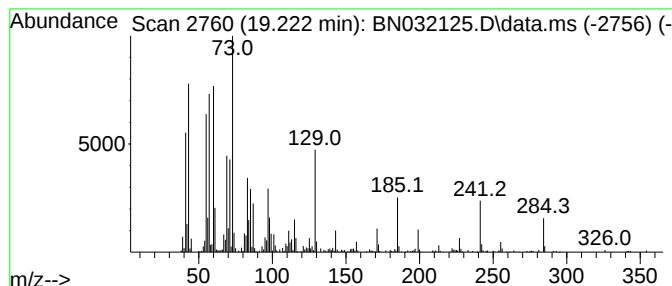
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	2.17 ng/ul	558567	Chrysene-d12	21.269

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	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032125.D
Acq On : 21 Jun 2024 10:22
Operator : MA/JU
Sample : P2710-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

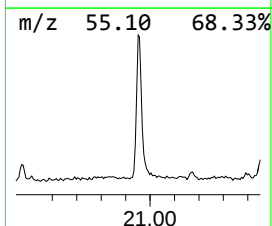
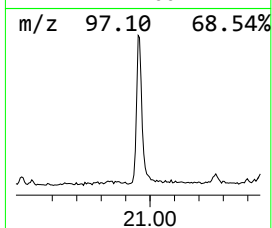
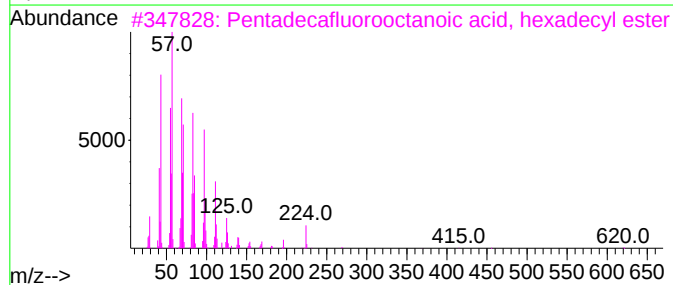
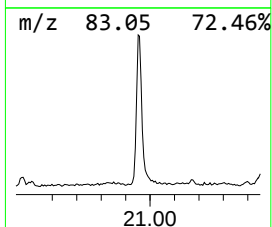
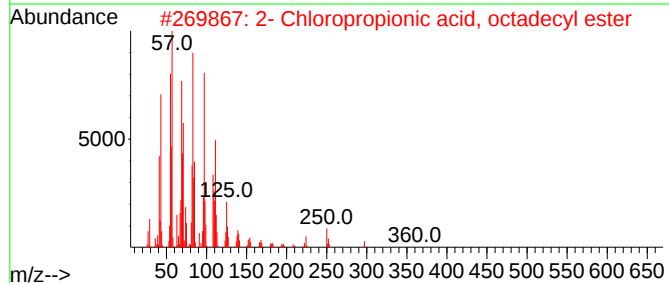
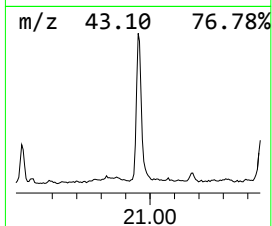
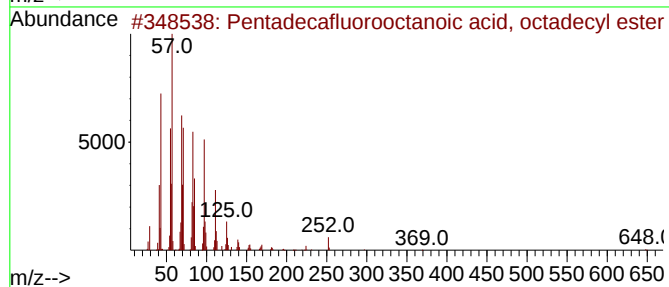
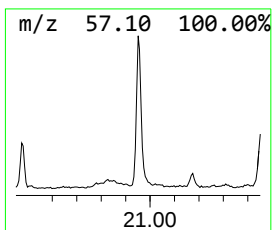
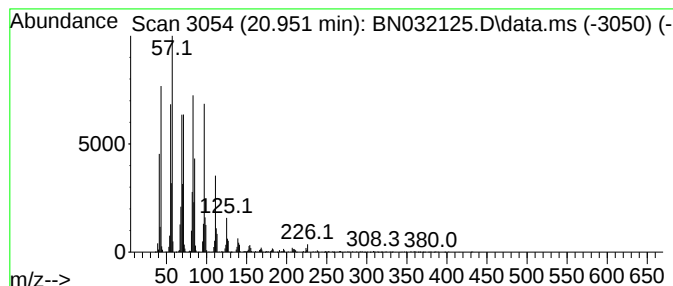
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.951	4.50 ng/ul	1162060	Chrysene-d12	21.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032125.D
Acq On : 21 Jun 2024 10:22
Operator : MA/JU
Sample : P2710-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BM9

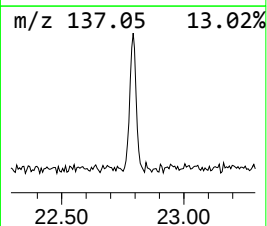
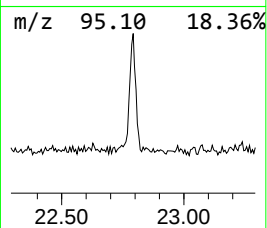
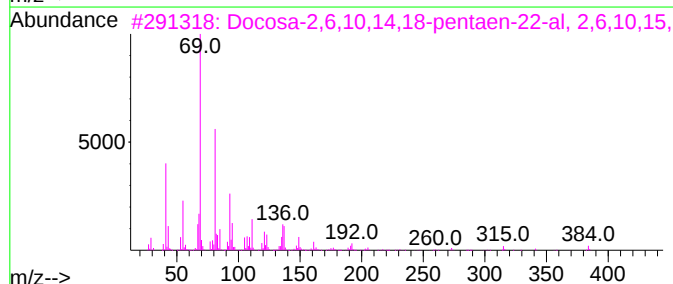
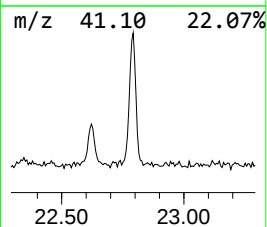
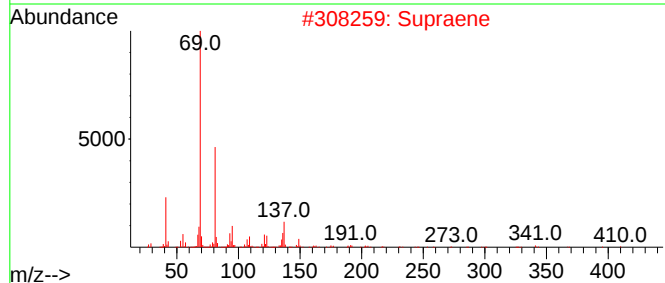
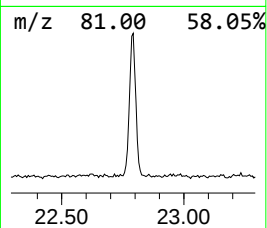
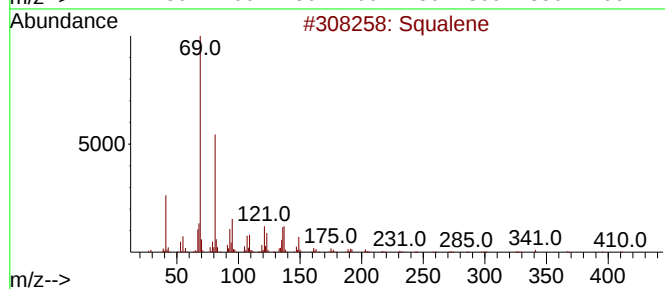
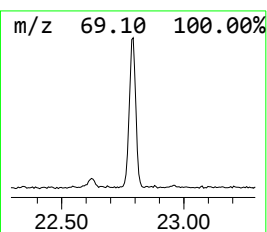
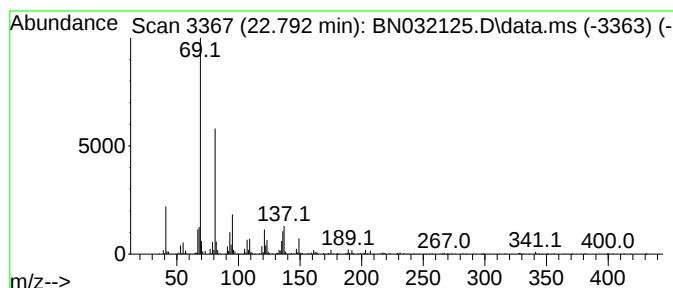
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.792	2.45 ng/ul	580686	Perylene-d12	24.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	98
2			Supraene	410	C30H50	007683-64-9	87
3			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	86
4			2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
5			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032125.D
Acq On : 21 Jun 2024 10:22
Operator : MA/JU
Sample : P2710-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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
2,4,7,9-Tetrame...	13.175	4.9	ng/u1	1230460	3	14.281	5042250	20.0
n-Hexadecanoic ...	17.934	6.4	ng/u1	1904940	4	17.034	5959310	20.0
Octadecanoic acid	19.222	2.2	ng/u1	558567	5	21.269	5159900	20.0
Pentadecafluoro...	20.951	4.5	ng/u1	1162060	5	21.269	5159900	20.0
Squalene	22.792	2.5	ng/u1	580686	6	24.180	4731880	20.0