

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029563.D
 Acq On : 08 Feb 2024 01:54
 Operator : MA/JU
 Sample : P1303-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FH3

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-BN020724.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN029563.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.329	37	41	49	rVB	52394	72118	2.23%	0.167%
2	3.746	108	112	119	rBV	145602	239284	7.39%	0.554%
3	3.805	119	122	128	rVV	78495	106802	3.30%	0.247%
4	3.858	128	131	135	rVB2	15727	17434	0.54%	0.040%
5	3.970	148	150	157	rVB3	17548	21856	0.68%	0.051%
6	4.058	161	165	170	rVB4	29850	47460	1.47%	0.110%
7	4.440	226	230	234	rVB2	19971	24924	0.77%	0.058%
8	4.575	251	253	257	rBV4	4522	6646	0.21%	0.015%
9	4.628	257	262	267	rVV	57130	84080	2.60%	0.195%
10	4.676	267	270	279	rVB2	26027	42497	1.31%	0.098%
11	4.981	318	322	332	rVB	42449	67780	2.09%	0.157%
12	5.581	421	424	431	rVB7	3742	7109	0.22%	0.016%
13	5.775	455	457	463	rVB7	8204	12726	0.39%	0.029%
14	6.734	614	620	621	rBV5	3538	6456	0.20%	0.015%
15	7.046	667	673	692	rVB	738853	1235392	38.17%	2.860%
16	7.228	697	704	713	rBV	621273	979179	30.25%	2.267%
17	7.411	728	735	746	rBV	749415	1180443	36.47%	2.733%
18	7.511	749	752	754	rBV4	7436	8374	0.26%	0.019%
19	7.581	759	764	770	rVB6	10599	19005	0.59%	0.044%
20	7.887	808	816	824	rBV	751808	1220947	37.72%	2.827%
21	8.128	852	857	863	rBV7	6661	10599	0.33%	0.025%
22	8.593	929	936	946	rBV	806086	1270444	39.25%	2.942%
23	8.716	950	957	965	rVB2	56268	97015	3.00%	0.225%
24	9.052	1006	1014	1026	rBV	687107	1123223	34.70%	2.601%
25	9.152	1027	1031	1035	rVV7	4244	6331	0.20%	0.015%
26	9.228	1039	1044	1046	rBV6	4978	6078	0.19%	0.014%
27	9.440	1076	1080	1085	rVB	8597	15160	0.47%	0.035%
28	9.769	1127	1136	1146	rBV	473930	794221	24.54%	1.839%
29	9.899	1154	1158	1167	rVV9	5919	12714	0.39%	0.029%
30	10.052	1179	1184	1189	rBV7	4244	6240	0.19%	0.014%
31	10.134	1194	1198	1205	rVB7	8782	15599	0.48%	0.036%
32	10.305	1220	1227	1236	rBV	775920	1298114	40.10%	3.006%
33	10.552	1265	1269	1274	rBV7	5193	7078	0.22%	0.016%
34	10.681	1284	1291	1301	rVB	985392	1673288	51.70%	3.874%
35	10.828	1308	1316	1329	rBV	693914	1246109	38.50%	2.885%
36	11.063	1351	1356	1360	rBV7	4409	8391	0.26%	0.019%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029563.D
 Acq On : 08 Feb 2024 01:54
 Operator : MA/JU
 Sample : P1303-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FH3

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-BN020724.MA.M
 Title : SVOA CALIBRATION

37	11.240	1381	1386	1390	rBV7	3980	9601	0.30%	0.022%
38	11.369	1406	1408	1412	rVB5	5681	6703	0.21%	0.016%
39	11.446	1415	1421	1424	rBV7	6860	13957	0.43%	0.032%
40	11.493	1424	1429	1431	rVV6	3589	6496	0.20%	0.015%

41	12.116	1530	1535	1540	rVB5	7011	11082	0.34%	0.026%
42	12.275	1556	1562	1567	rVB3	13824	22396	0.69%	0.052%
43	13.357	1741	1746	1750	rBV4	17779	26561	0.82%	0.061%
44	13.428	1753	1758	1764	rVV	62363	102328	3.16%	0.237%
45	13.499	1767	1770	1777	rVB7	4522	7747	0.24%	0.018%

46	13.781	1810	1818	1826	rVV	93707	161788	5.00%	0.375%
47	13.863	1828	1832	1836	rVV7	8851	13357	0.41%	0.031%
48	13.946	1840	1846	1856	rVV	1347724	1906632	58.90%	4.415%
49	14.016	1856	1858	1862	rVV5	5422	6315	0.20%	0.015%
50	14.063	1862	1866	1869	rVB6	4015	5992	0.19%	0.014%

51	14.222	1882	1893	1903	rBV2	1508314	2248707	69.47%	5.207%
52	14.375	1913	1919	1921	rBV6	3614	5939	0.18%	0.014%
53	14.528	1938	1945	1954	rVV	1300101	1930120	59.63%	4.469%
54	14.681	1967	1971	1974	rBV2	25175	38017	1.17%	0.088%
55	14.728	1974	1979	1983	rVV	511686	744301	23.00%	1.723%

56	14.781	1983	1988	2004	rVB	1403252	2086515	64.46%	4.831%
57	14.957	2013	2018	2024	rVB5	42388	69790	2.16%	0.162%
58	15.051	2032	2034	2039	rVB6	4890	7487	0.23%	0.017%
59	15.316	2075	2079	2080	rBV4	7901	9552	0.30%	0.022%
60	15.381	2085	2090	2096	rVV5	16268	27774	0.86%	0.064%

61	15.522	2105	2114	2121	rBV	1994946	2845448	87.91%	6.588%
62	15.640	2128	2134	2144	rBV	417810	610460	18.86%	1.413%
63	15.763	2151	2155	2158	rBV6	7427	9062	0.28%	0.021%
64	16.087	2206	2210	2214	rBV6	5087	11018	0.34%	0.026%
65	16.169	2221	2224	2229	rBV6	8211	13486	0.42%	0.031%

66	16.234	2231	2235	2241	rVV	18194	37023	1.14%	0.086%
67	16.304	2245	2247	2251	rVB5	6876	9252	0.29%	0.021%
68	16.687	2309	2312	2317	rVB6	6577	9243	0.29%	0.021%
69	16.828	2332	2336	2339	rBV5	11297	14975	0.46%	0.035%
70	16.887	2344	2346	2350	rVB5	5806	7007	0.22%	0.016%

71	17.051	2371	2374	2378	rBV5	6874	9912	0.31%	0.023%
72	17.104	2380	2383	2388	rVB7	9144	13403	0.41%	0.031%
73	17.281	2406	2413	2423	rVV	1447242	2126794	65.71%	4.924%
74	17.375	2423	2429	2441	rVV2	1904539	2779005	85.86%	6.434%
75	17.481	2441	2447	2452	rVB4	42798	66990	2.07%	0.155%

76	17.675	2477	2480	2484	rBV6	5512	8200	0.25%	0.019%
----	--------	------	------	------	------	------	------	-------	--------

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029563.D
 Acq On : 08 Feb 2024 01:54
 Operator : MA/JU
 Sample : P1303-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FH3

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-BN020724.MA.M
 Title : SVOA CALIBRATION

77	17.792	2497	2500	2503	rVB5	8336	9633	0.30%	0.022%
78	17.969	2525	2530	2535	rBV	51589	66737	2.06%	0.155%
79	18.063	2542	2546	2551	rBV8	7947	13233	0.41%	0.031%
80	18.187	2563	2567	2579	rBV	278047	430633	13.30%	0.997%
81	18.487	2615	2618	2623	rBV7	8959	13065	0.40%	0.030%
82	18.628	2639	2642	2645	rVB2	17621	17417	0.54%	0.040%
83	18.992	2701	2704	2708	rVB4	16164	20386	0.63%	0.047%
84	19.075	2716	2718	2720	rBV3	7428	6919	0.21%	0.016%
85	19.151	2728	2731	2736	rVB7	15305	19022	0.59%	0.044%
86	19.239	2741	2746	2750	rBV4	30286	48054	1.48%	0.111%
87	19.310	2754	2758	2763	rVV2	25130	50584	1.56%	0.117%
88	19.351	2763	2765	2770	rVB5	15104	17864	0.55%	0.041%
89	19.475	2781	2786	2791	rBV2	103472	145831	4.51%	0.338%
90	19.622	2807	2811	2814	rBV4	13581	20759	0.64%	0.048%
91	19.675	2814	2820	2829	rVV	2442822	3236792	100.00%	7.494%
92	20.210	2908	2911	2914	rBV5	11700	18352	0.57%	0.042%
93	21.204	3076	3080	3088	rBV	287185	370567	11.45%	0.858%
94	21.475	3120	3126	3138	rBV	1537515	2068959	63.92%	4.790%
95	21.657	3155	3157	3162	rVB2	41360	43531	1.34%	0.101%
96	22.757	3340	3344	3348	rVB2	60344	95486	2.95%	0.221%
97	23.175	3412	3415	3420	rVB4	44160	65436	2.02%	0.152%
98	23.692	3496	3503	3515	rBV2	1527937	3069034	94.82%	7.106%
99	23.851	3523	3530	3540	rVB	1031144	2135745	65.98%	4.945%
100	24.616	3656	3660	3668	rVB6	84488	174414	5.39%	0.404%

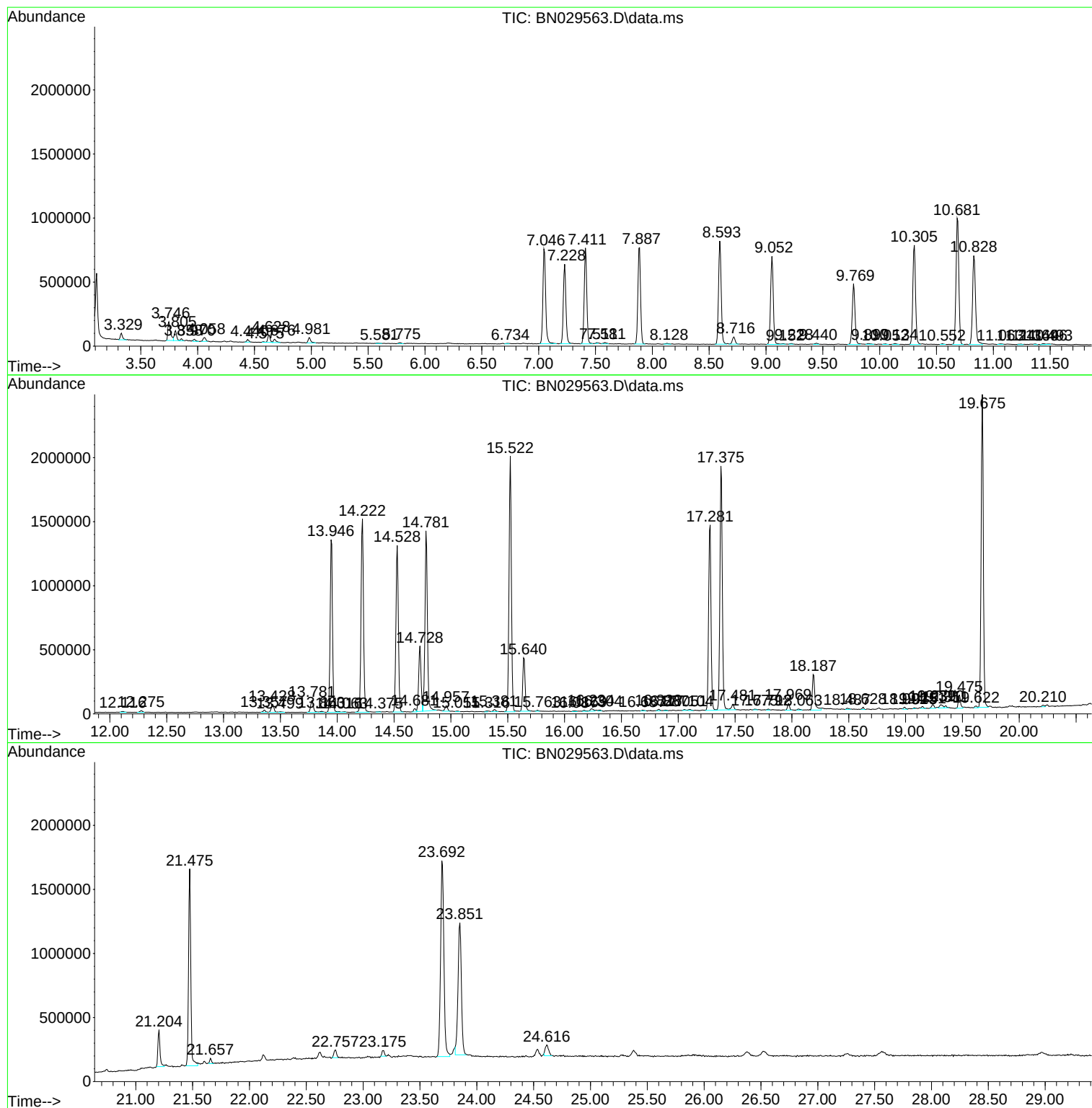
Sum of corrected areas: 43190004

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029563.D
Acq On : 08 Feb 2024 01:54
Operator : MA/JU
Sample : P1303-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FH3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029563.D
Acq On : 08 Feb 2024 01:54
Operator : MA/JU
Sample : P1303-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FH3

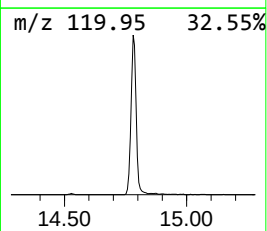
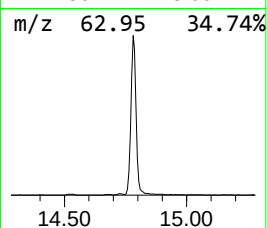
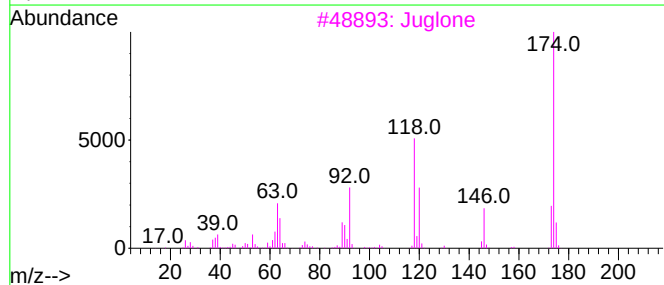
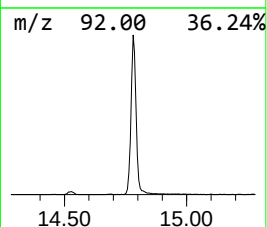
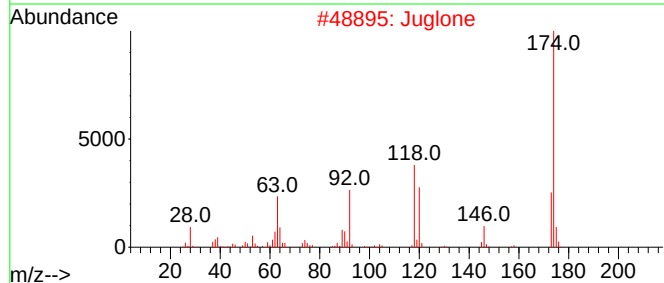
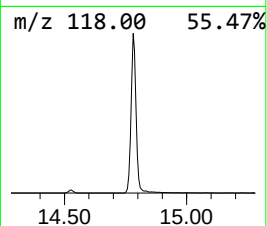
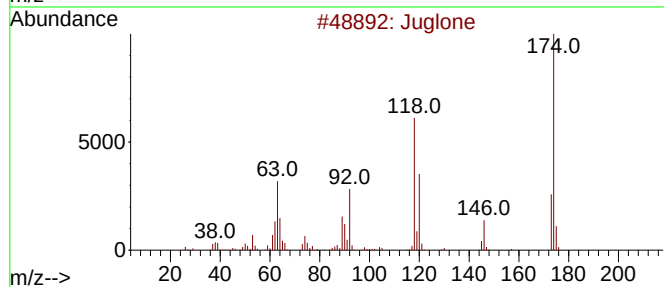
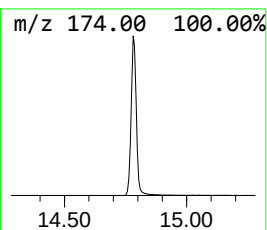
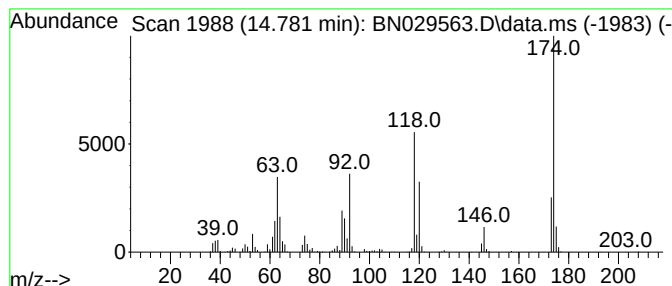
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Juglone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.781	21.62 ng/ul	2086520	Acenaphthene-d10	14.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Juglone			174	C10H6O3	000481-39-0	98
2	Juglone			174	C10H6O3	000481-39-0	97
3	Juglone			174	C10H6O3	000481-39-0	93
4	Juglone			174	C10H6O3	000481-39-0	93
5	1-Methyl-5-(4-methylphenyl)tetra...			174	C9H10N4	068826-33-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029563.D
Acq On : 08 Feb 2024 01:54
Operator : MA/JU
Sample : P1303-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FH3

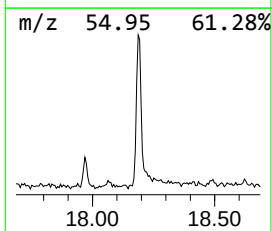
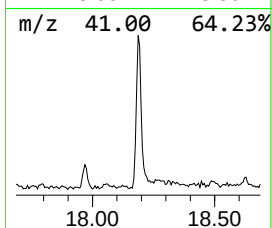
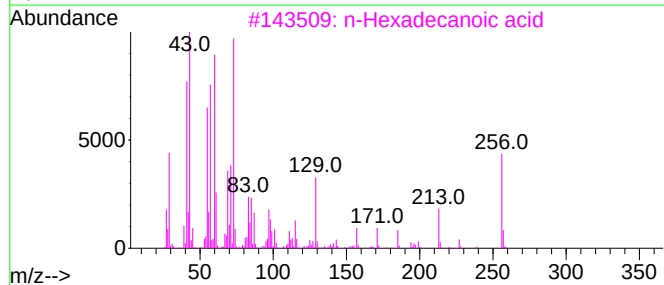
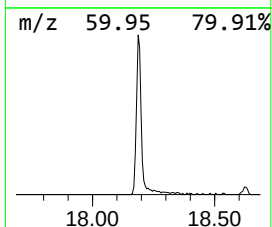
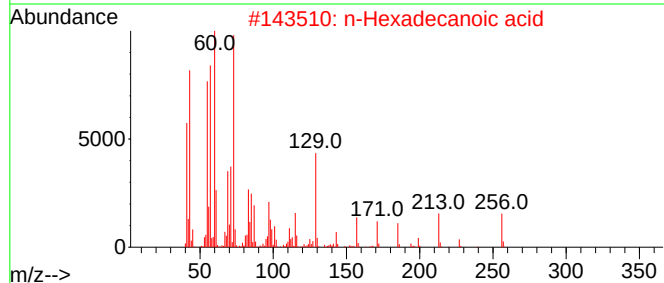
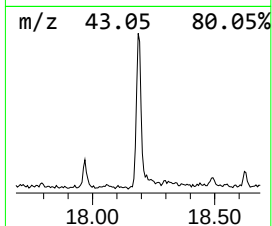
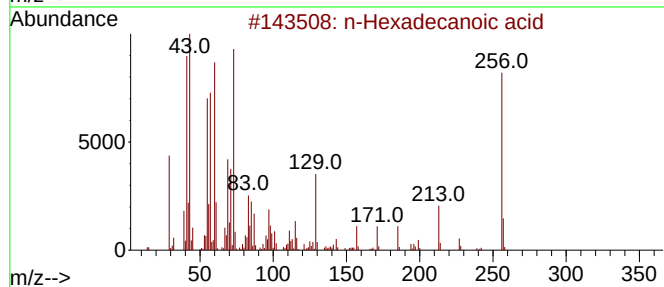
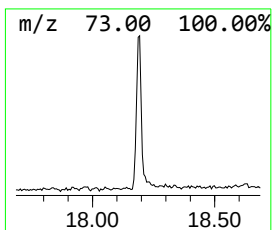
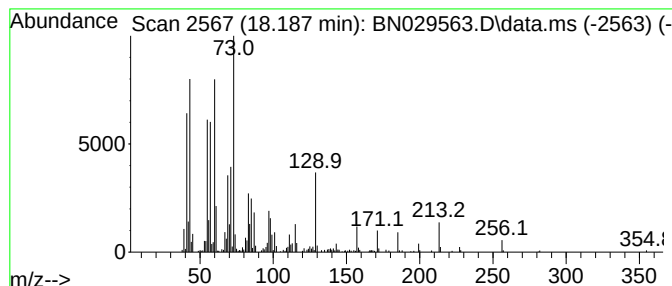
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.187	4.05 ng/ul	430633	Phenanthrene-d10	17.281

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	99
5			Tridecanoic acid	214	C13H26O2	000638-53-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029563.D
Acq On : 08 Feb 2024 01:54
Operator : MA/JU
Sample : P1303-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

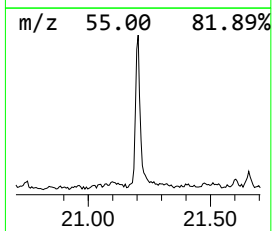
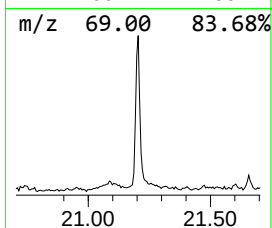
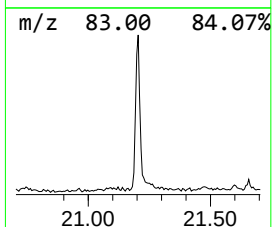
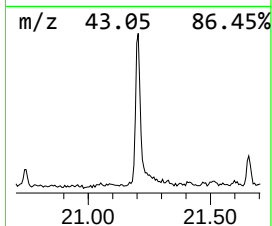
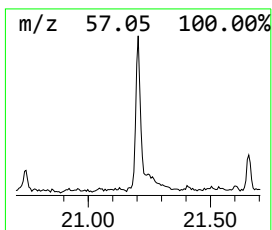
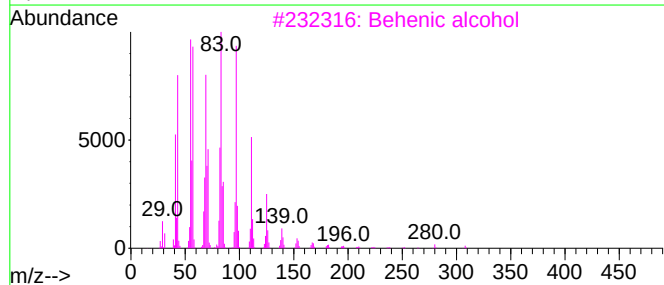
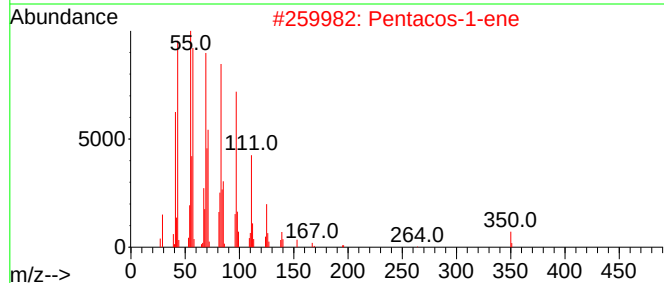
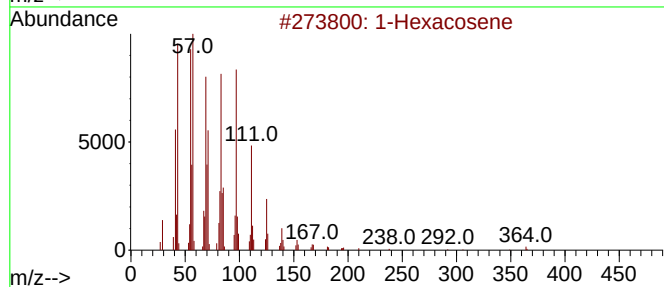
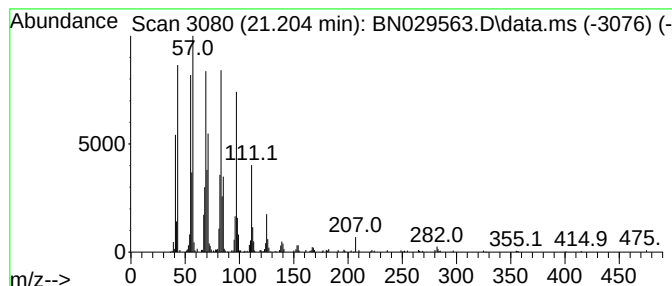
Instrument :
BNA_N
ClientSampleId :
C0FH3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.204	3.58 ng/ul	370567	Chrysene-d12	21.475	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029563.D
Acq On : 08 Feb 2024 01:54
Operator : MA/JU
Sample : P1303-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FH3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.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
Juglone	14.781	21.6	ng/ul	2086520	3	14.528	1930120	20.0
n-Hexadecanoic ...	18.187	4.0	ng/ul	430633	4	17.281	2126790	20.0
(DEL) Alkane: S...	21.204	3.6	ng/ul	370567	5	21.475	2068960	20.0