

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032178.D
 Acq On : 22 Jun 2024 22:30
 Operator : MA/JU
 Sample : P2899-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

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: BN032178.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	27	30	37	rVB	48074	61801	1.60%	0.114%
2	3.434	73	76	85	rVB	31803	50103	1.29%	0.092%
3	3.581	98	101	112	rBV	94850	142139	3.67%	0.261%
4	3.670	113	116	122	rVB	30596	39750	1.03%	0.073%
5	3.875	148	151	159	rVB	19069	28651	0.74%	0.053%
6	4.240	208	213	220	rVB	31848	46930	1.21%	0.086%
7	4.375	232	236	240	rVV2	13432	19106	0.49%	0.035%
8	4.422	240	244	249	rVV	34895	52282	1.35%	0.096%
9	4.475	249	253	257	rVB	18533	26242	0.68%	0.048%
10	4.769	297	303	314	rBV	293688	440371	11.37%	0.809%
11	5.017	337	345	351	rBV4	15297	34002	0.88%	0.062%
12	5.658	447	454	460	rBV5	13572	25601	0.66%	0.047%
13	5.734	460	467	474	rVB	39471	70568	1.82%	0.130%
14	6.152	531	538	546	rBV8	9193	25874	0.67%	0.048%
15	6.316	560	566	573	rVB	213686	346656	8.95%	0.637%
16	6.616	610	617	620	rBV6	15479	28546	0.74%	0.052%
17	6.664	620	625	631	rVB2	30996	55579	1.44%	0.102%
18	6.822	637	652	666	rBV	784720	1398514	36.11%	2.570%
19	6.975	672	678	688	rVV	714998	1154393	29.81%	2.122%
20	7.064	688	693	703	rVV	175251	320146	8.27%	0.588%
21	7.169	704	711	720	rVV	927817	1505693	38.88%	2.767%
22	7.246	720	724	733	rVV3	33976	72340	1.87%	0.133%
23	7.440	752	757	767	rBV3	35186	64694	1.67%	0.119%
24	7.634	777	790	797	rBV	1107583	1832147	47.31%	3.367%
25	7.711	797	803	812	rVB5	24500	56197	1.45%	0.103%
26	7.840	818	825	829	rBV5	20867	37381	0.97%	0.069%
27	7.899	829	835	841	rVB	43066	74091	1.91%	0.136%
28	8.228	885	891	898	rVB	574626	885148	22.86%	1.627%
29	8.346	905	911	922	rBV	695681	1187609	30.67%	2.183%
30	8.458	924	930	939	rVV	147606	256775	6.63%	0.472%
31	8.716	967	974	979	rBV9	7928	17969	0.46%	0.033%
32	8.793	979	987	1000	rVV	808761	1441830	37.23%	2.650%
33	8.893	1000	1004	1009	rVV3	11848	27941	0.72%	0.051%
34	8.952	1009	1014	1022	rVB7	18823	40276	1.04%	0.074%
35	9.175	1044	1052	1055	rBV4	8034	17947	0.46%	0.033%
36	9.352	1077	1082	1090	rVV	96406	161020	4.16%	0.296%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	9.505	1101	1108	1117	rBV	685298	1180755	30.49%	2.170%
38	9.581	1117	1121	1127	rVB5	17871	34275	0.89%	0.063%
39	9.693	1132	1140	1143	rBV	45613	97638	2.52%	0.179%
40	9.863	1166	1169	1175	rVB	19846	32676	0.84%	0.060%
41	10.046	1193	1200	1218	rVV	986218	1807314	46.67%	3.322%
42	10.193	1220	1225	1234	rVB8	11734	30799	0.80%	0.057%
43	10.410	1252	1262	1269	rBV	1432292	2491843	64.34%	4.580%
44	10.510	1275	1279	1282	rBV2	44394	64263	1.66%	0.118%
45	10.563	1282	1288	1302	rVB	137988	309497	7.99%	0.569%
46	10.722	1310	1315	1322	rVB7	17440	29644	0.77%	0.054%
47	10.987	1349	1360	1374	rBV3	115718	524290	13.54%	0.964%
48	11.163	1384	1390	1395	rBV	117317	214901	5.55%	0.395%
49	11.216	1396	1399	1405	rVB4	24810	37791	0.98%	0.069%
50	11.357	1419	1423	1429	rBV6	22280	37241	0.96%	0.068%
51	11.416	1429	1433	1438	rVB6	11772	17397	0.45%	0.032%
52	11.663	1470	1475	1482	rVB6	9054	19234	0.50%	0.035%
53	11.734	1482	1487	1489	rBV5	9432	16739	0.43%	0.031%
54	11.828	1499	1503	1509	rVB4	20688	32897	0.85%	0.060%
55	12.004	1525	1533	1541	rVB2	23265	50291	1.30%	0.092%
56	12.081	1541	1546	1555	rBV	34461	68673	1.77%	0.126%
57	12.304	1579	1584	1591	rVB	28161	43656	1.13%	0.080%
58	12.404	1598	1601	1605	rBV2	14242	22329	0.58%	0.041%
59	12.551	1620	1626	1633	rBV2	12033	26583	0.69%	0.049%
60	12.622	1633	1638	1641	rBV3	24468	36761	0.95%	0.068%
61	13.034	1697	1708	1713	rBV3	14255	42082	1.09%	0.077%
62	13.093	1714	1718	1722	rVV2	24550	38964	1.01%	0.072%
63	13.140	1722	1726	1733	rVB4	40580	60613	1.57%	0.111%
64	13.210	1734	1738	1746	rBV3	18355	35762	0.92%	0.066%
65	13.428	1765	1775	1777	rBV8	21604	55678	1.44%	0.102%
66	13.540	1789	1794	1798	rBV7	21896	41346	1.07%	0.076%
67	13.587	1798	1802	1808	rVB4	59261	101420	2.62%	0.186%
68	13.651	1808	1813	1814	rBV	22526	29006	0.75%	0.053%
69	13.693	1814	1820	1827	rVV	1679871	2435628	62.89%	4.477%
70	13.757	1828	1831	1834	rVV4	21271	31208	0.81%	0.057%
71	13.793	1834	1837	1841	rVV5	21148	28430	0.73%	0.052%
72	13.969	1855	1867	1875	rBV	2088644	3136472	80.99%	5.765%
73	14.110	1887	1891	1895	rBV4	34563	46752	1.21%	0.086%
74	14.169	1895	1901	1906	rVB3	31016	65810	1.70%	0.121%
75	14.228	1907	1911	1913	rBV2	24815	32863	0.85%	0.060%
76	14.281	1913	1920	1926	rBV	1932159	2953937	76.27%	5.429%

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 Title : SVOA CALIBRATION

77	14.340	1926	1930	1933	rBV2	53742	73894	1.91%	0.136%
78	14.522	1950	1961	1971	rBV2	711808	1419819	36.66%	2.610%
79	14.663	1980	1985	1989	rBV2	68389	115309	2.98%	0.212%
80	14.704	1990	1992	1995	rVV3	15914	21600	0.56%	0.040%
81	14.804	2006	2009	2017	rVB7	18830	41274	1.07%	0.076%
82	14.951	2030	2034	2038	rVB6	15988	25047	0.65%	0.046%
83	15.069	2050	2054	2058	rVV4	25641	49399	1.28%	0.091%
84	15.128	2061	2064	2067	rVV	30451	39660	1.02%	0.073%
85	15.187	2068	2074	2081	rVB7	44987	79616	2.06%	0.146%
86	15.275	2081	2089	2102	rBV	2554634	3774422	97.46%	6.937%
87	15.410	2107	2112	2119	rBV	483074	718928	18.56%	1.321%
88	15.851	2182	2187	2192	rBV2	69179	105227	2.72%	0.193%
89	16.004	2207	2213	2219	rBV4	57281	141042	3.64%	0.259%
90	16.292	2260	2262	2266	rBV4	16634	22267	0.57%	0.041%
91	16.439	2283	2287	2292	rBV5	56693	104218	2.69%	0.192%
92	16.692	2326	2330	2336	rVB4	41565	65726	1.70%	0.121%
93	16.934	2368	2371	2378	rBV3	73876	139314	3.60%	0.256%
94	17.028	2382	2387	2393	rVV	2248427	3188889	82.34%	5.861%
95	17.128	2398	2404	2414	rVB2	2535633	3714708	95.92%	6.828%
96	17.934	2536	2541	2550	rBV	1937145	2921111	75.43%	5.369%
97	18.551	2642	2646	2650	rBV3	239801	329103	8.50%	0.605%
98	19.222	2757	2760	2766	rBV	850613	1291130	33.34%	2.373%
99	19.433	2791	2796	2801	rVB	2663386	3743320	96.66%	6.880%
100	21.269	3104	3108	3120	rVB2	2264801	3872781	100.00%	7.118%

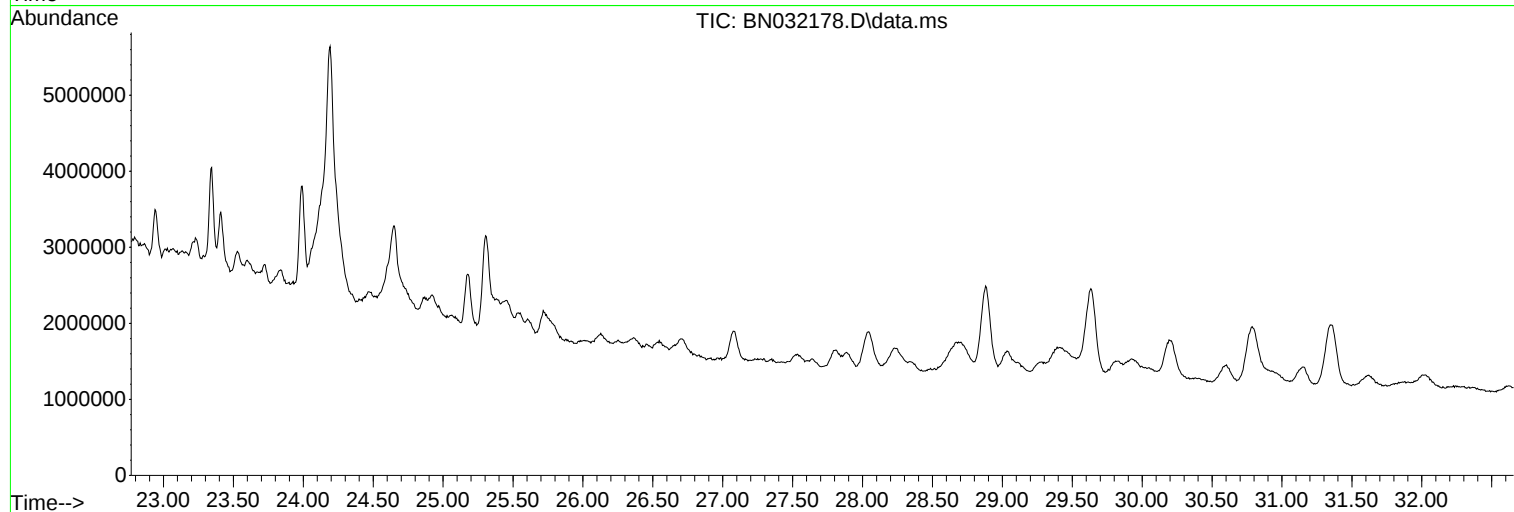
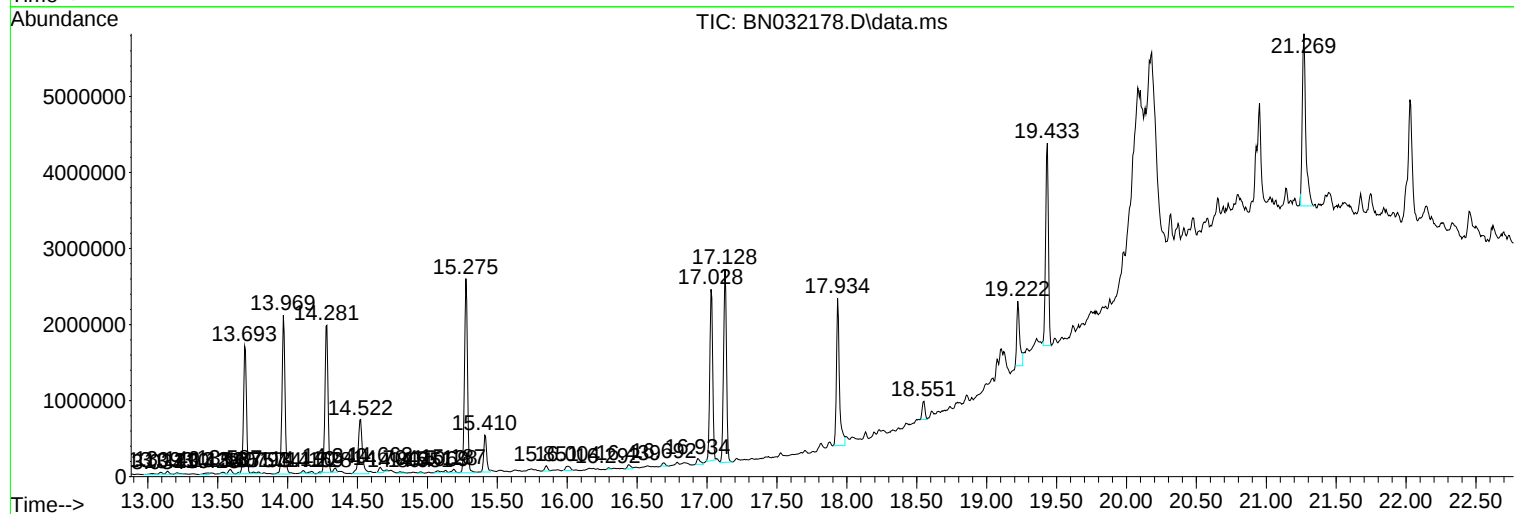
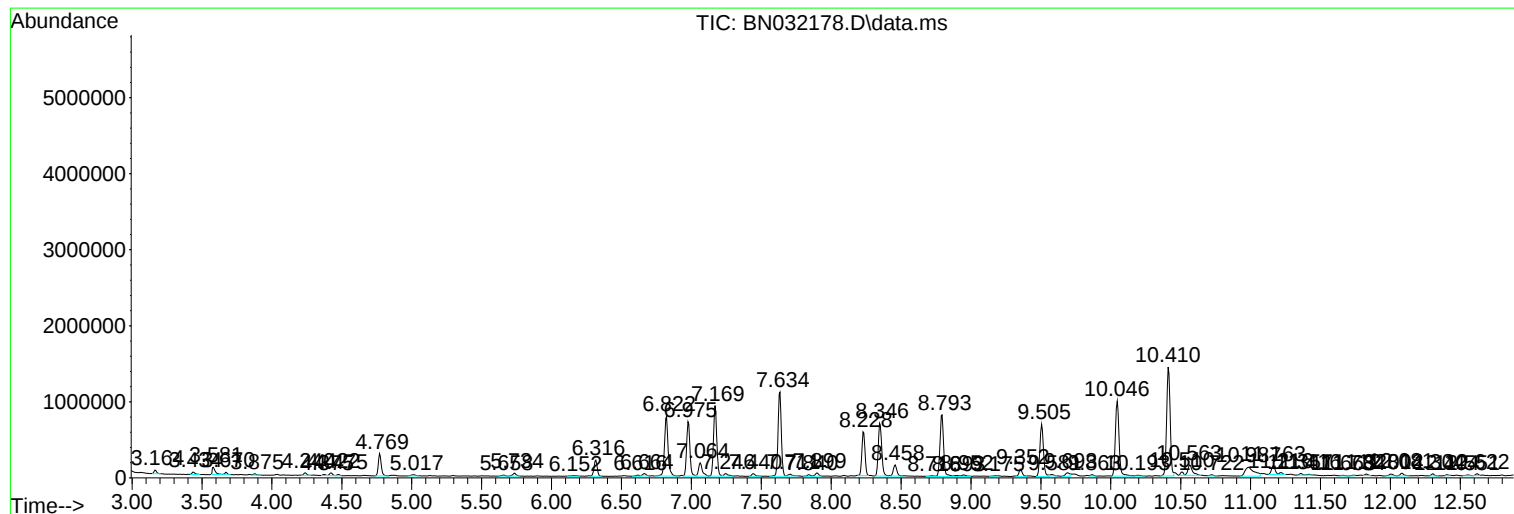
Sum of corrected areas: 54407574

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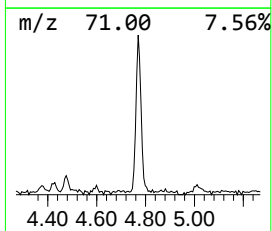
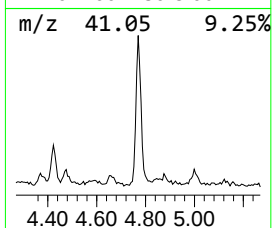
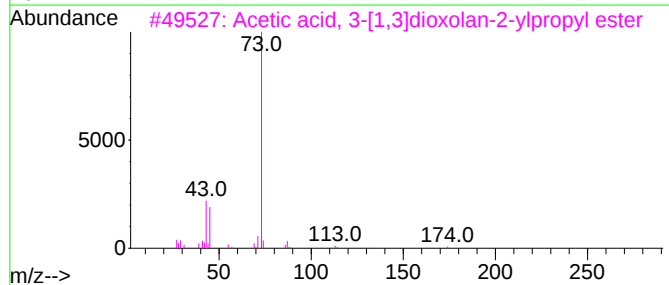
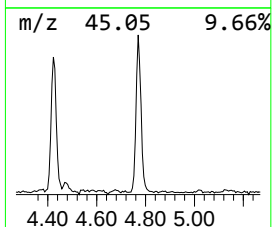
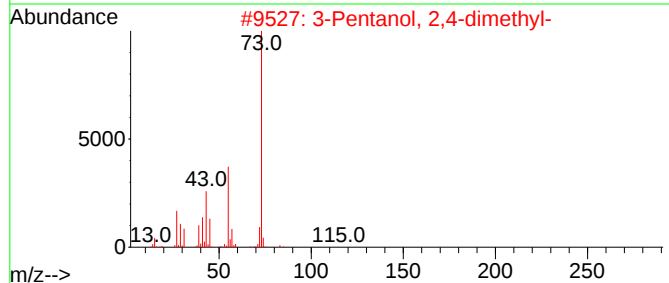
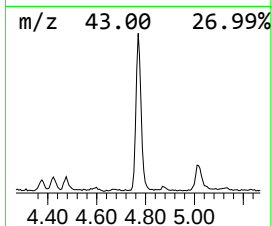
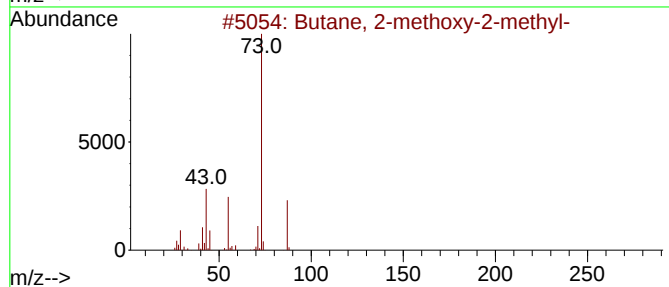
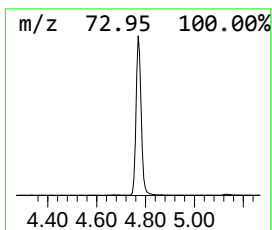
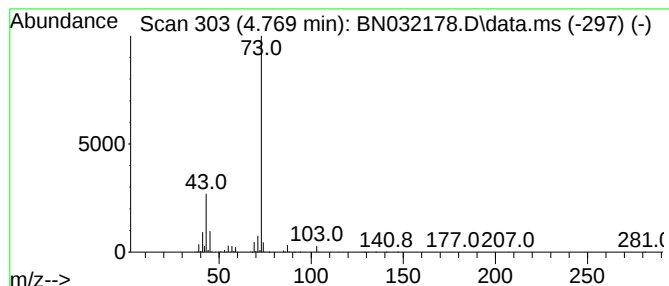
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.769	4.81 ng/ul	440371	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	36
3			Acetic acid, 3-[1,3]dioxolan-2-yl...	174	C8H14O4	1000186-02-3	33
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	28
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	23



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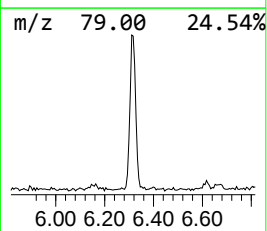
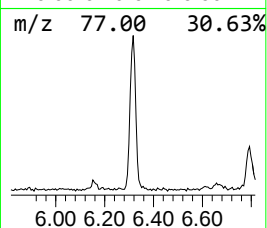
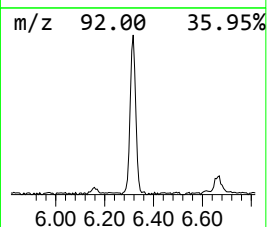
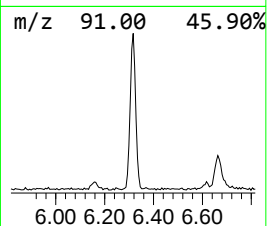
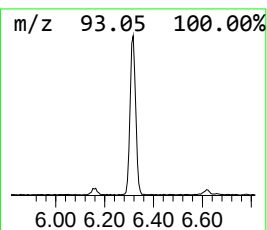
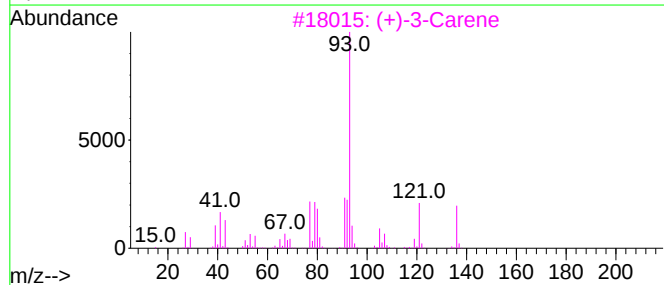
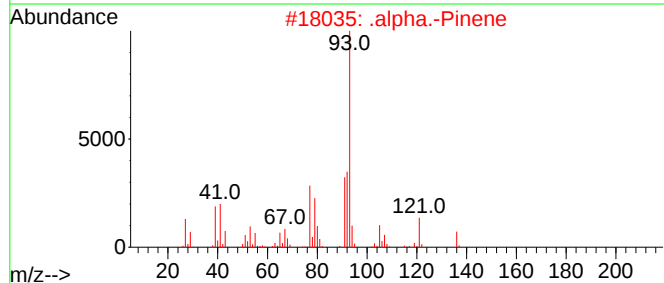
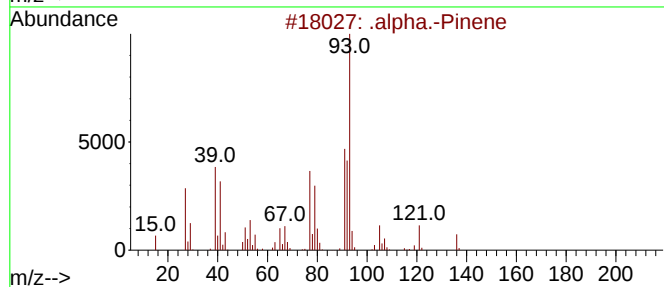
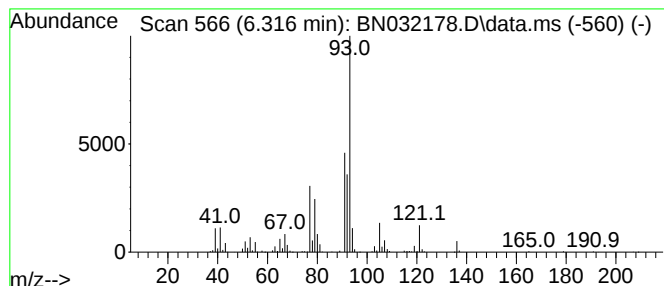
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.316	3.78 ng/ul	346656	1,4-Dichlorobenzene-d4	7.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	(+)-3-Carene	136	C10H16	000498-15-7	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	3-Carene	136	C10H16	013466-78-9	90



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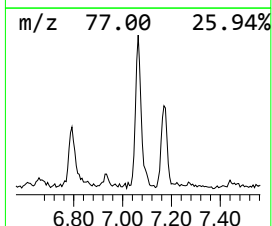
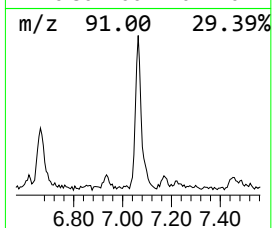
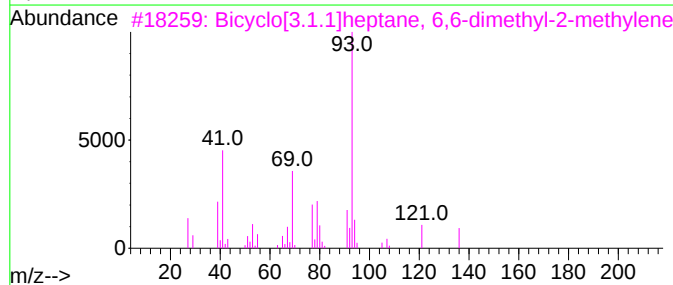
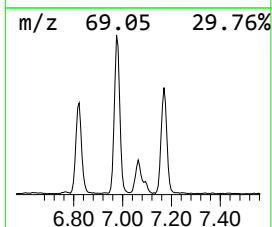
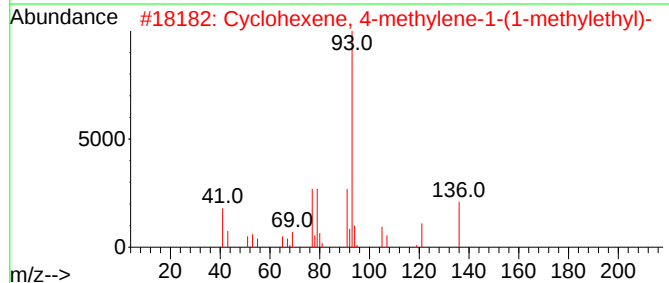
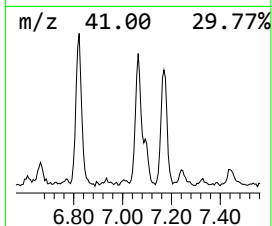
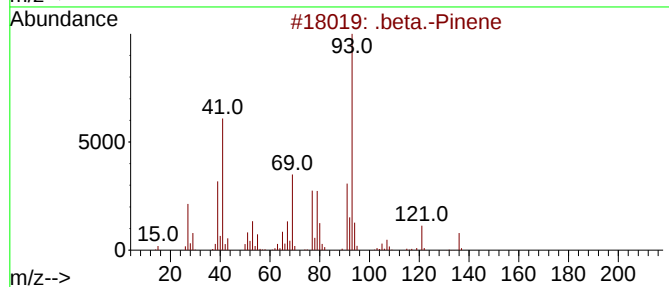
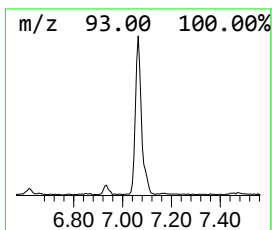
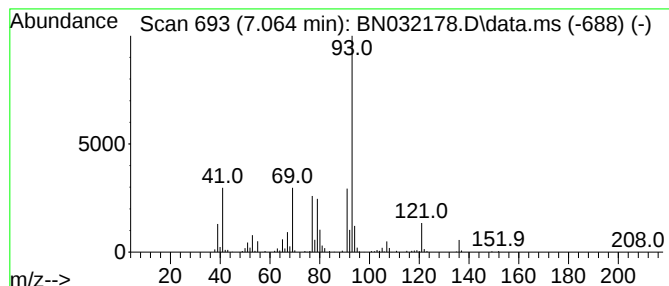
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 .beta.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.064	3.49 ng/ul	320146	1,4-Dichlorobenzene-d4	7.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Pinene	136	C10H16	000127-91-3	91
2		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
3		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032178.D
Acq On : 22 Jun 2024 22:30
Operator : MA/JU
Sample : P2899-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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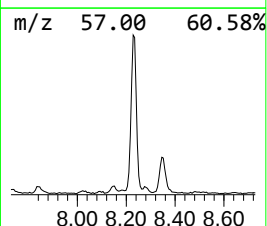
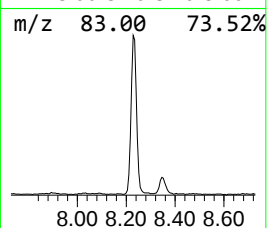
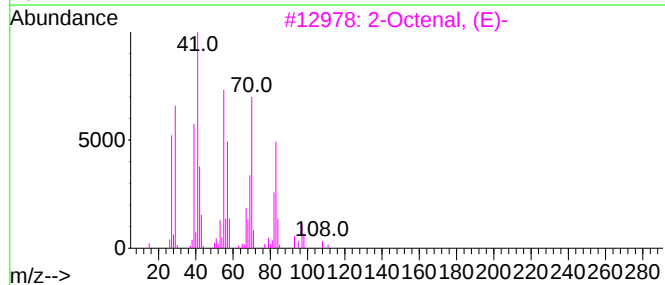
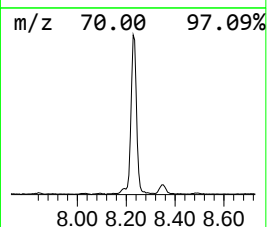
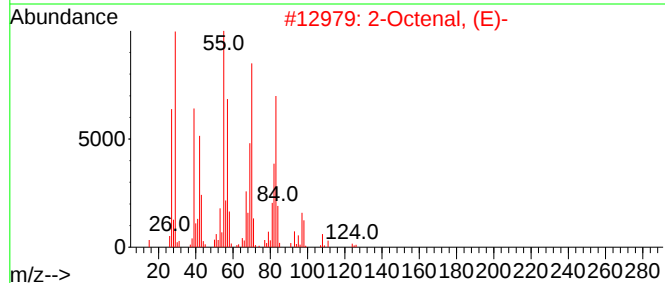
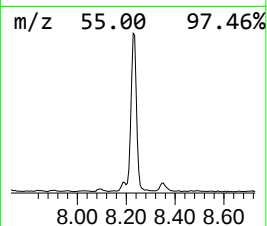
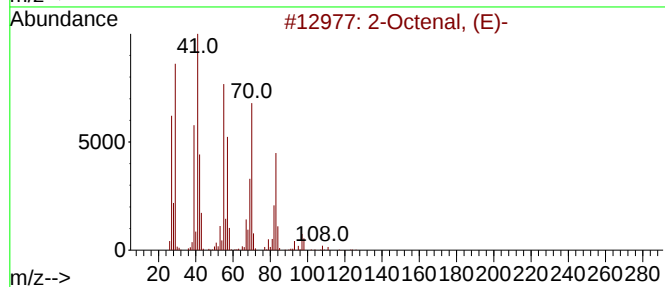
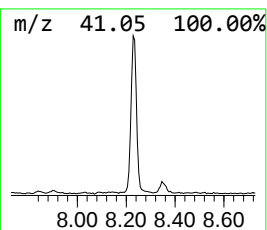
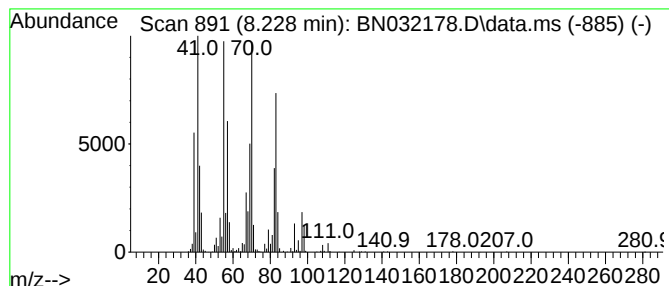
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2-Octenal, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.228	9.66 ng/ul	885148	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-			126	C8H14O	002548-87-0	83
2	2-Octenal, (E)-			126	C8H14O	002548-87-0	72
3	2-Octenal, (E)-			126	C8H14O	002548-87-0	64
4	2-Octenal, (E)-			126	C8H14O	002548-87-0	53
5	Cyclopentane, 1,2-dimethyl-, cis-			98	C7H14	001192-18-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032178.D
Acq On : 22 Jun 2024 22:30
Operator : MA/JU
Sample : P2899-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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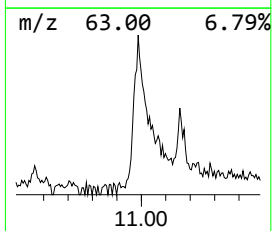
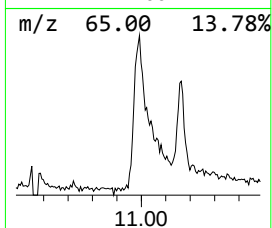
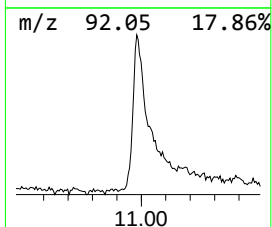
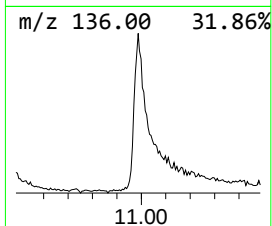
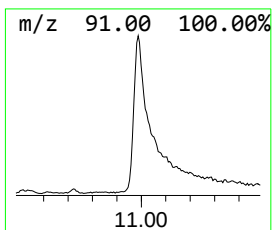
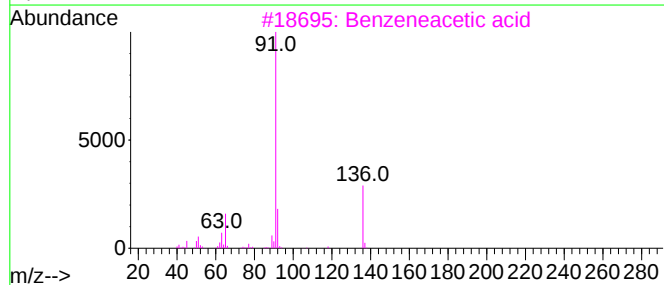
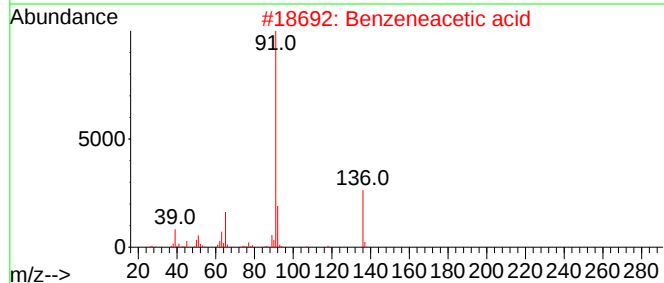
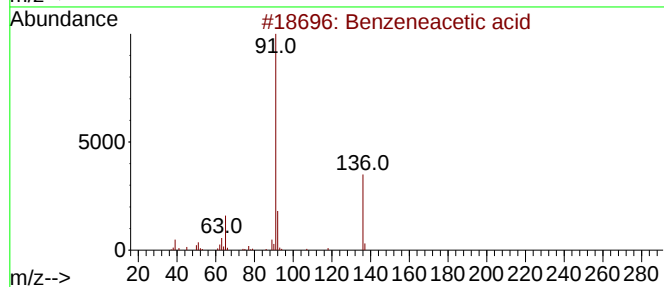
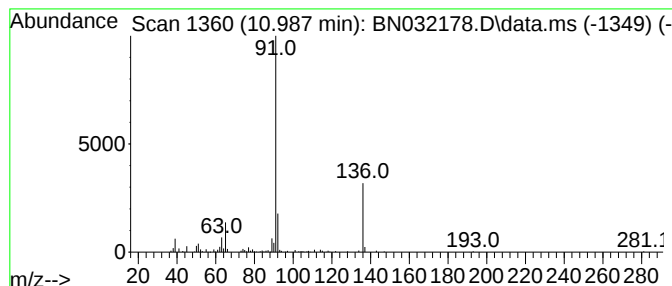
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzeneacetic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.987	4.21 ng/ul	524290	Naphthalene-d8	10.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetic acid	136	C8H8O2	000103-82-2	93
2			Benzeneacetic acid	136	C8H8O2	000103-82-2	90
3			Benzeneacetic acid	136	C8H8O2	000103-82-2	90
4			Benzeneacetic acid	136	C8H8O2	000103-82-2	87
5			Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032178.D
Acq On : 22 Jun 2024 22:30
Operator : MA/JU
Sample : P2899-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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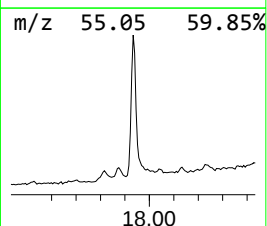
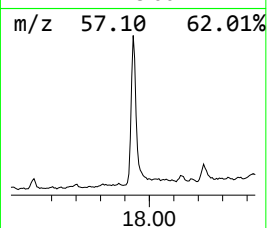
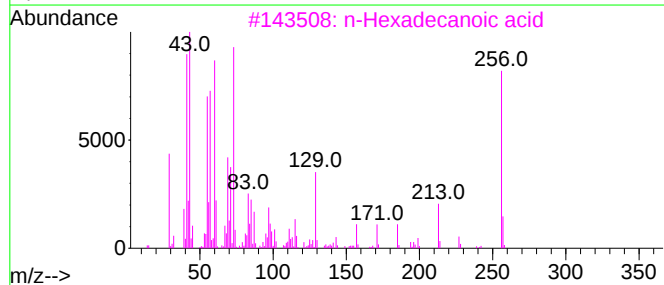
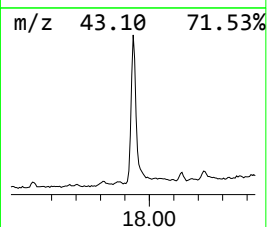
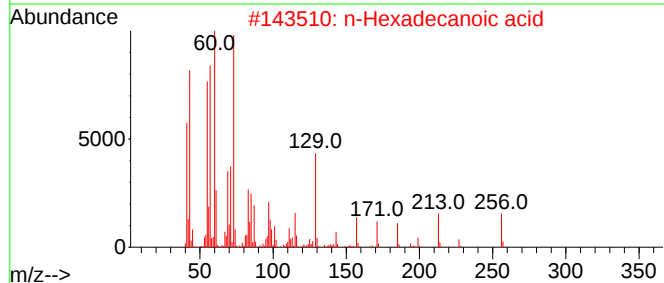
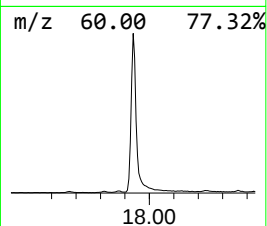
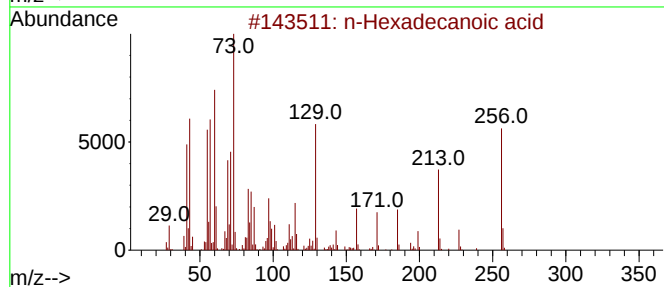
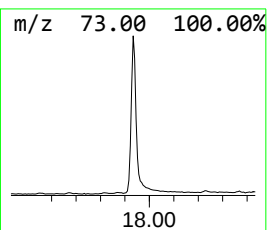
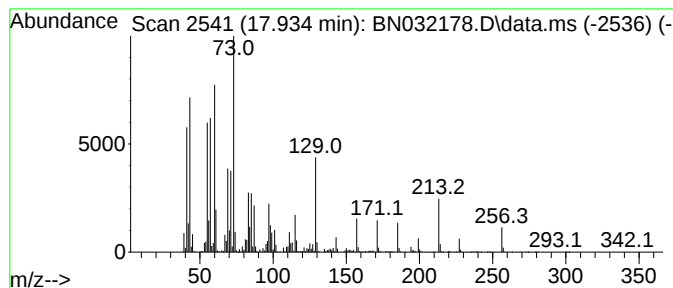
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	18.32 ng/ul	2921110	Phenanthrene-d10	17.028

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			Tridecanoic acid	214	C13H26O2	000638-53-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032178.D
Acq On : 22 Jun 2024 22:30
Operator : MA/JU
Sample : P2899-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

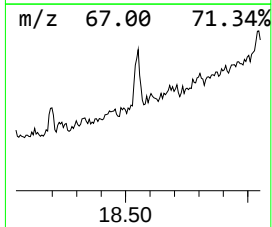
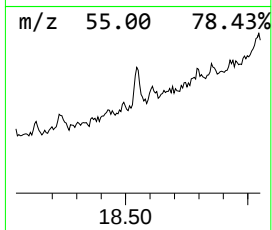
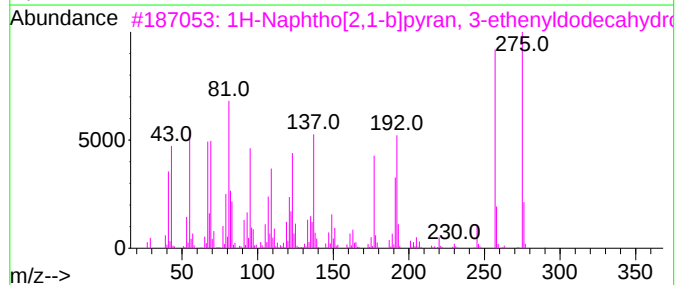
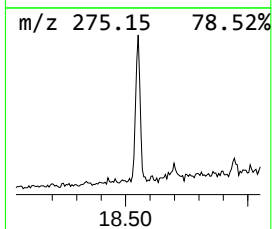
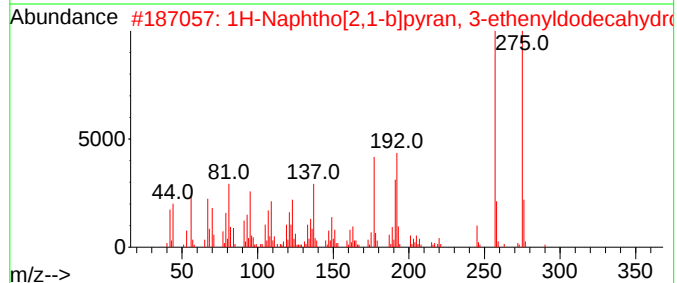
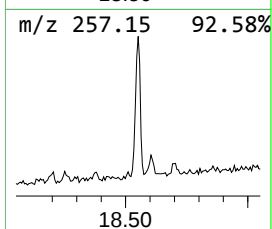
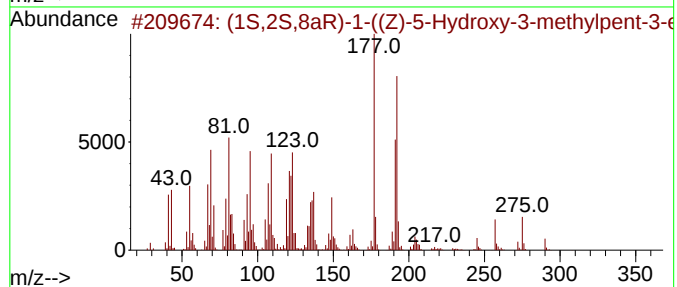
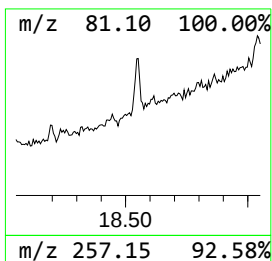
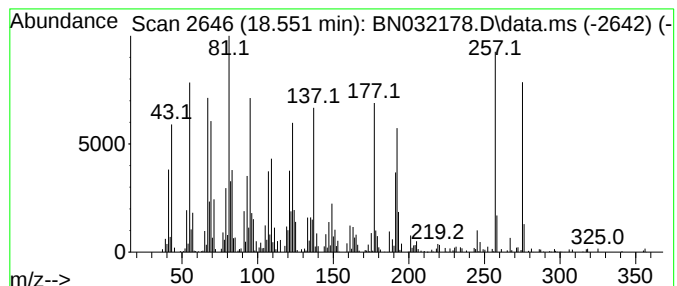
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (1S,2S,8aR)-1-((Z)-5-Hydrox... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.551	2.06 ng/ul	329103	Phenanthrene-d10			17.028
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	(1S,2S,8aR)-1-((Z)-5-Hydroxy-3-m...		308	C20H36O2	1000494-38-5	60
2	1H-Naphtho[2,1-b]pyran, 3-etheny...		290	C20H34O	000596-84-9	58
3	1H-Naphtho[2,1-b]pyran, 3-etheny...		290	C20H34O	000596-84-9	38
4	1H-Naphtho[2,1-b]pyran, 3-etheny...		290	C20H34O	001227-93-6	38
5	4a,7,7,10a-Tetramethyl-dodecahyd...		264	C17H28O2	938512-84-6	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032178.D
Acq On : 22 Jun 2024 22:30
Operator : MA/JU
Sample : P2899-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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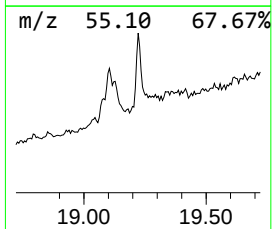
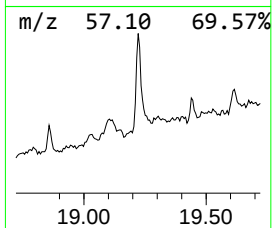
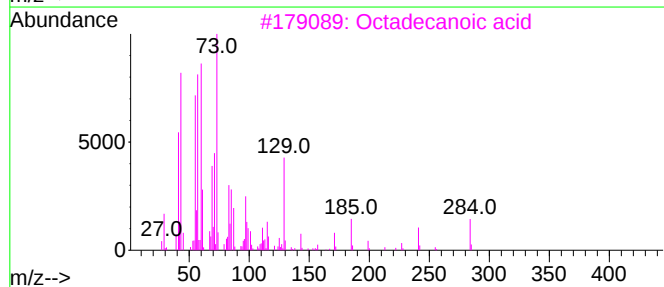
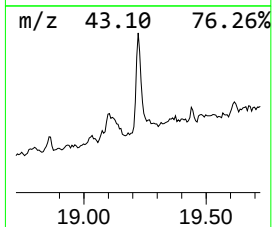
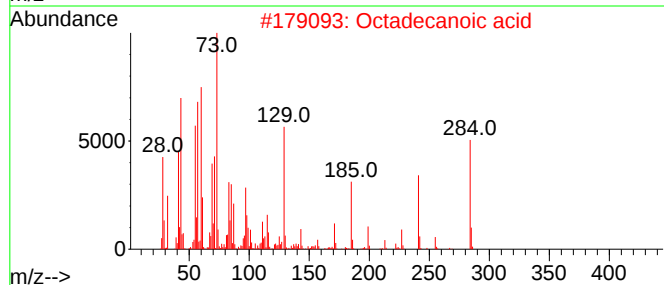
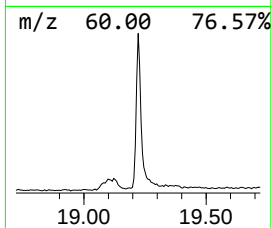
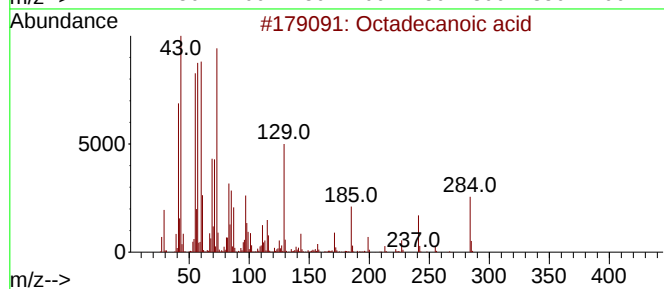
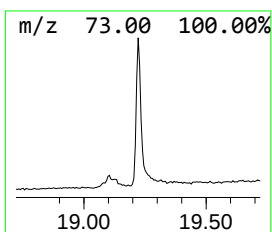
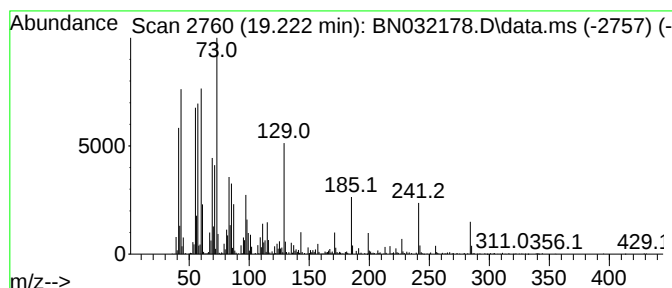
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	6.67 ng/ul	1291130	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	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	99
5			Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032178.D
Acq On : 22 Jun 2024 22:30
Operator : MA/JU
Sample : P2899-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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					#	RT	Resp	Conc
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.alpha.-Pinene	6.316	3.8	ng/ul	346656	1	7.634	1832150	20.0
.beta.-Pinene	7.064	3.5	ng/ul	320146	1	7.634	1832150	20.0
2-Octenal, (E)-	8.228	9.7	ng/ul	885148	1	7.634	1832150	20.0
Benzeneacetic acid	10.987	4.2	ng/ul	524290	2	10.410	2491840	20.0
n-Hexadecanoic ...	17.933	18.3	ng/ul	2921110	4	17.028	3188890	20.0
(1S,2S,8aR)-1-(...	18.551	2.1	ng/ul	329103	4	17.028	3188890	20.0
Octadecanoic acid	19.222	6.7	ng/ul	1291130	5	21.269	3872780	20.0