

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
 Data File : BP007419.D
 Acq On : 14 Oct 2021 16:36
 Operator : CG/JU
 Sample : M4030-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00T9

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-BP101421.M
 Title : SVOA CALIBRATION

Signal : TIC: BP007419.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	28	rVB	4961468	7529621	100.00%	18.773%
2	3.381	47	50	56	rVB2	17981	26028	0.35%	0.065%
3	3.799	119	121	136	rBV	95901	160603	2.13%	0.400%
4	3.911	136	140	146	rVB	34035	47416	0.63%	0.118%
5	4.046	157	163	169	rBV	40203	73596	0.98%	0.183%
6	4.140	174	179	183	rBV3	14472	25450	0.34%	0.063%
7	4.358	210	216	229	rVB7	27288	80263	1.07%	0.200%
8	4.546	235	248	262	rBV6	48440	190591	2.53%	0.475%
9	5.364	381	387	397	rVB5	9923	26011	0.35%	0.065%
10	5.669	431	439	447	rVB5	20460	51862	0.69%	0.129%
11	5.952	482	487	489	rVV5	9415	20580	0.27%	0.051%
12	5.993	491	494	499	rVB5	11701	18404	0.24%	0.046%
13	6.152	513	521	535	rVV	194904	489164	6.50%	1.220%
14	6.269	537	541	546	rVB6	8567	15829	0.21%	0.039%
15	6.399	557	563	570	rVB4	9622	18276	0.24%	0.046%
16	6.516	576	583	595	rBV2	26654	63258	0.84%	0.158%
17	6.793	627	630	638	rVB9	9019	17394	0.23%	0.043%
18	6.987	656	663	669	rVV4	17910	43346	0.58%	0.108%
19	7.052	669	674	679	rVV3	53825	102185	1.36%	0.255%
20	7.116	679	685	694	rVB	233281	378771	5.03%	0.944%
21	7.287	708	714	721	rBV	189856	298207	3.96%	0.744%
22	7.399	725	733	740	rBV10	13958	30598	0.41%	0.076%
23	7.493	740	749	756	rBV	228402	374184	4.97%	0.933%
24	7.611	765	769	775	rVB3	10667	17561	0.23%	0.044%
25	7.693	775	783	785	rBV9	10219	24355	0.32%	0.061%
26	7.793	798	800	806	rVB6	10130	17799	0.24%	0.044%
27	7.963	819	829	838	rBV	727367	1184677	15.73%	2.954%
28	8.046	838	843	851	rBV9	8910	22716	0.30%	0.057%
29	8.381	894	900	905	rBV3	25204	51077	0.68%	0.127%
30	8.440	905	910	922	rVV2	35996	90715	1.20%	0.226%
31	8.663	940	948	954	rBV	193651	316264	4.20%	0.789%
32	8.710	954	956	960	rVV2	13911	22395	0.30%	0.056%
33	8.781	964	968	976	rVB2	17789	35204	0.47%	0.088%
34	8.963	994	999	1004	rVB3	17237	29216	0.39%	0.073%
35	9.046	1004	1013	1019	rBV	84724	142001	1.89%	0.354%
36	9.116	1019	1025	1032	rBV	195589	326043	4.33%	0.813%

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Integrator: RTE

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
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37	9.446	1072	1081	1088	rBV5	30138	68633	0.91%	0.171%
38	9.846	1143	1149	1156	rVV	116677	212489	2.82%	0.530%
39	9.957	1162	1168	1175	rVB2	18406	32861	0.44%	0.082%
40	10.163	1200	1203	1208	rBV6	9286	18325	0.24%	0.046%

41	10.387	1233	1241	1249	rBV	240215	414902	5.51%	1.034%
42	10.552	1260	1269	1279	rBV2	98167	182619	2.43%	0.455%
43	10.663	1282	1288	1297	rVB2	23067	47641	0.63%	0.119%
44	10.769	1297	1306	1320	rVB	983847	1663019	22.09%	4.146%
45	10.899	1320	1328	1342	rBV	210418	409327	5.44%	1.021%

46	11.322	1397	1400	1405	rVV7	9758	19370	0.26%	0.048%
47	12.069	1521	1527	1532	rBV7	16545	26242	0.35%	0.065%
48	12.175	1541	1545	1548	rBV3	11470	16220	0.22%	0.040%
49	12.210	1548	1551	1557	rVB2	25178	39452	0.52%	0.098%
50	12.293	1557	1565	1570	rBV4	25305	39322	0.52%	0.098%

51	13.363	1739	1747	1752	rBV6	14756	31315	0.42%	0.078%
52	13.434	1753	1759	1767	rVV4	16828	31095	0.41%	0.078%
53	13.516	1767	1773	1777	rVV	26460	42673	0.57%	0.106%
54	13.563	1777	1781	1787	rVB5	22571	33235	0.44%	0.083%
55	14.010	1849	1857	1863	rVV	486759	684016	9.08%	1.705%

56	14.293	1899	1905	1914	rVB	554633	830541	11.03%	2.071%
57	14.522	1939	1944	1948	rVB2	19292	26978	0.36%	0.067%
58	14.604	1948	1958	1963	rBV	1427589	2135490	28.36%	5.324%
59	14.651	1963	1966	1970	rVB5	21890	28707	0.38%	0.072%
60	14.775	1981	1987	1995	rBV	131102	216874	2.88%	0.541%

61	14.857	1996	2001	2002	rBV3	14395	18507	0.25%	0.046%
62	15.022	2024	2029	2035	rVV	129780	180765	2.40%	0.451%
63	15.422	2092	2097	2101	rBV6	9121	18749	0.25%	0.047%
64	15.475	2102	2106	2109	rVB2	15081	20028	0.27%	0.050%
65	15.598	2121	2127	2133	rBV	731336	1074661	14.27%	2.679%

66	15.698	2139	2144	2150	rBV	81758	118631	1.58%	0.296%
67	16.339	2249	2253	2257	rVB	28399	33525	0.45%	0.084%
68	16.487	2273	2278	2286	rVB5	27385	46001	0.61%	0.115%
69	16.763	2320	2325	2331	rBV2	37309	54396	0.72%	0.136%
70	16.904	2344	2349	2354	rBV5	14440	22142	0.29%	0.055%

71	17.139	2385	2389	2393	rVV2	21333	31946	0.42%	0.080%
72	17.298	2413	2416	2419	rVV5	14473	19621	0.26%	0.049%
73	17.357	2419	2426	2431	rVV	1758388	2555103	33.93%	6.371%
74	17.398	2431	2433	2437	rVV	59835	69425	0.92%	0.173%
75	17.457	2437	2443	2453	rVV	745015	1113833	14.79%	2.777%

76	17.539	2454	2457	2467	rVB10	25401	45203	0.60%	0.113%
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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

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 Title : SVOA CALIBRATION

77	17.757	2490	2494	2498	rVB3	14117	19596	0.26%	0.049%
78	18.039	2538	2542	2549	rVB3	35287	53404	0.71%	0.133%
79	18.134	2553	2558	2563	rBV6	19485	34798	0.46%	0.087%
80	18.263	2570	2580	2601	rBV	1764318	2723873	36.18%	6.791%
81	18.710	2652	2656	2658	rBV4	14106	16945	0.23%	0.042%
82	19.092	2718	2721	2727	rVB7	20844	36936	0.49%	0.092%
83	19.175	2729	2735	2739	rVB5	47419	68255	0.91%	0.170%
84	19.269	2748	2751	2755	rVB6	16278	17084	0.23%	0.043%
85	19.304	2755	2757	2760	rBV3	18415	23360	0.31%	0.058%
86	19.363	2760	2767	2775	rVV2	161995	355356	4.72%	0.886%
87	19.492	2784	2789	2802	rBV	1095346	1584561	21.04%	3.951%
88	19.639	2811	2814	2817	rBV2	28141	33636	0.45%	0.084%
89	19.686	2817	2822	2830	rVV	1081013	1587487	21.08%	3.958%
90	20.198	2906	2909	2912	rVB4	32992	36831	0.49%	0.092%
91	20.233	2912	2915	2919	rBV2	42020	49587	0.66%	0.124%
92	20.551	2967	2969	2971	rBV	22140	23206	0.31%	0.058%
93	20.722	2995	2998	3001	rVB	59296	63948	0.85%	0.159%
94	21.175	3070	3075	3079	rBV3	117864	170080	2.26%	0.424%
95	21.439	3115	3120	3125	rBV	2310125	3050002	40.51%	7.604%
96	21.622	3148	3151	3154	rVB2	72100	77459	1.03%	0.193%
97	22.098	3229	3232	3239	rVB2	105893	143770	1.91%	0.358%
98	23.198	3415	3419	3424	rVB2	136468	198783	2.64%	0.496%
99	23.739	3505	3511	3518	rBV2	696844	1334181	17.72%	3.326%
100	23.898	3527	3538	3547	rBV2	1505881	3369490	44.75%	8.401%

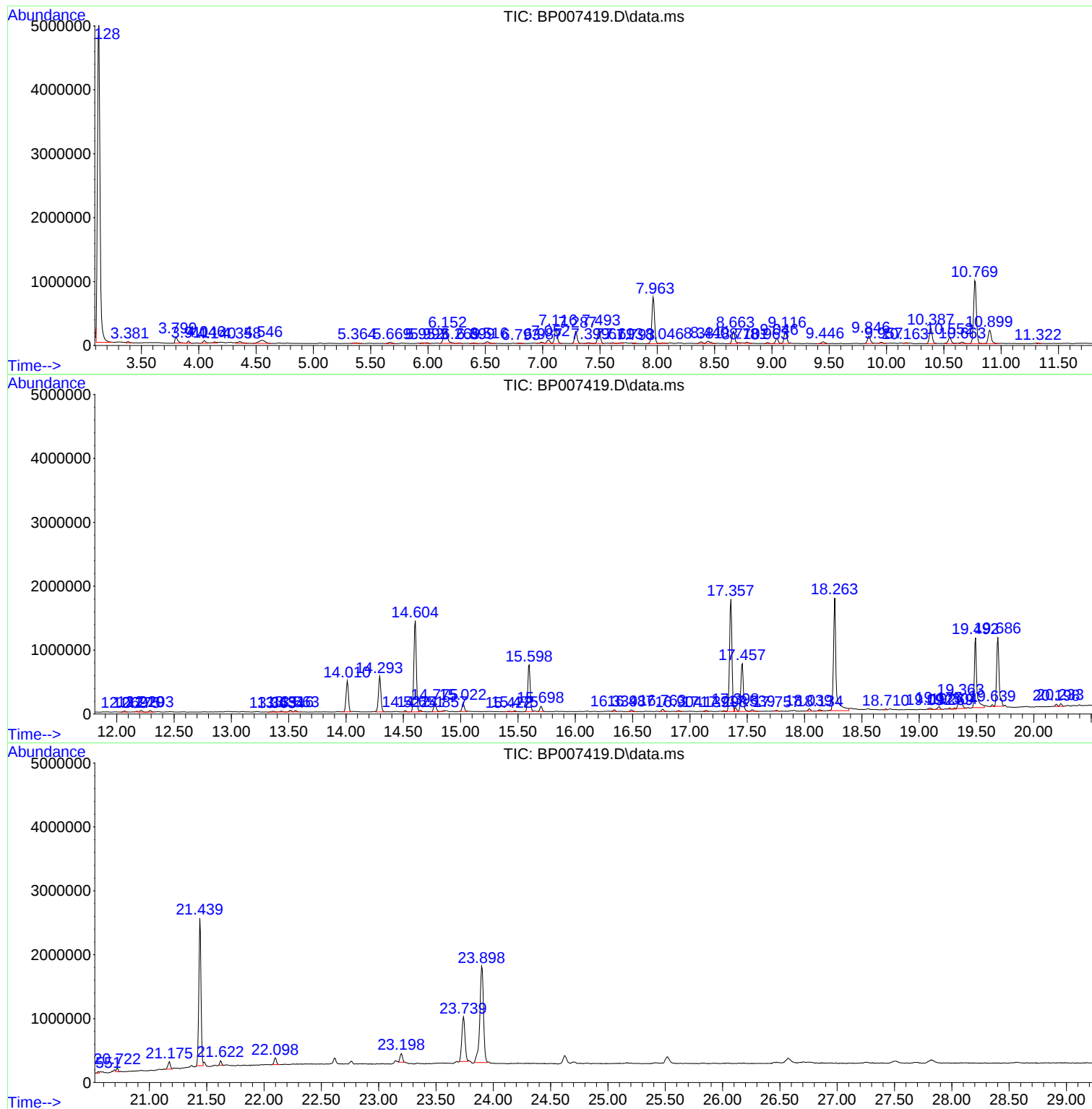
Sum of corrected areas: 40108170

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
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Instrument :
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C00T9

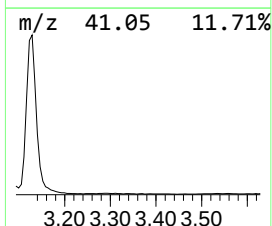
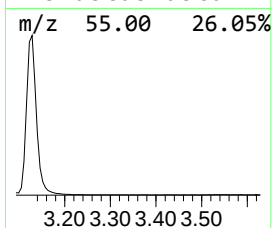
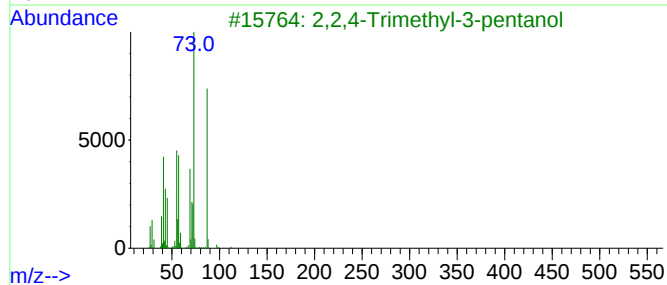
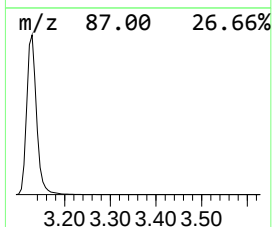
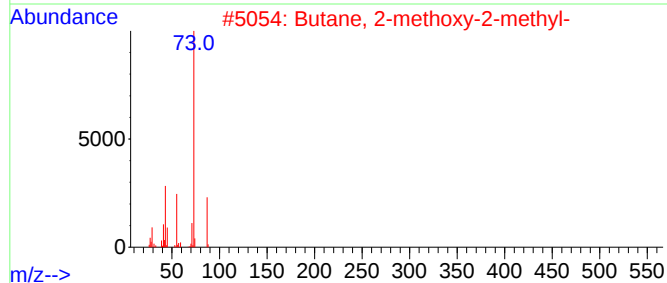
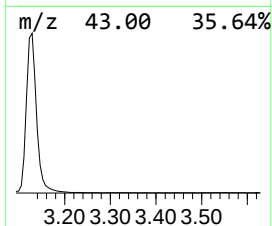
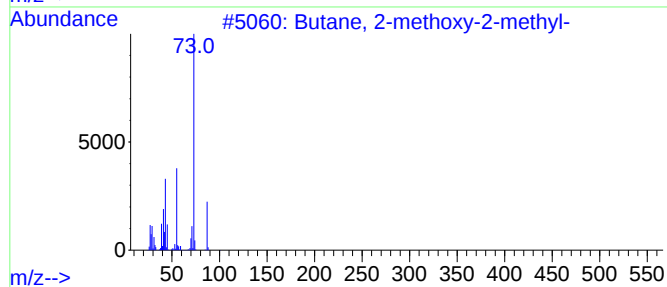
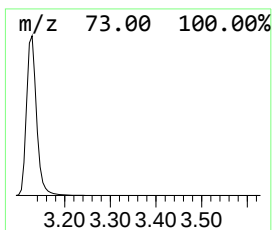
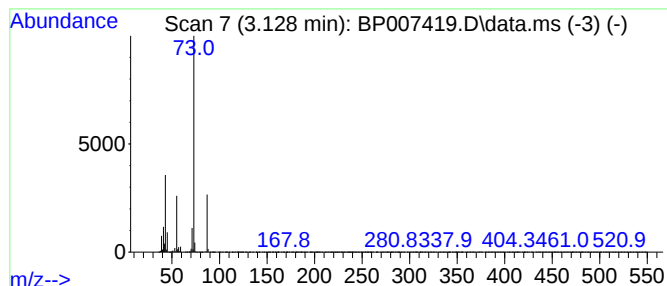
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	127.12 ng/ul	7529620	1,4-Dichlorobenzene-d4	7.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83		
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78		
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40		
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17		
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12		



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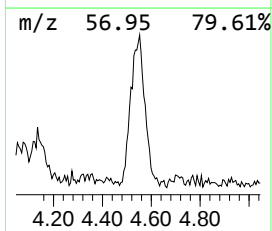
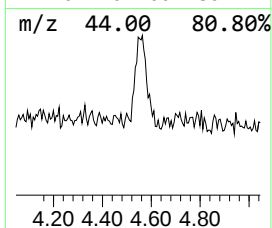
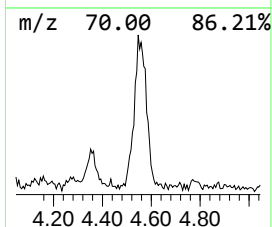
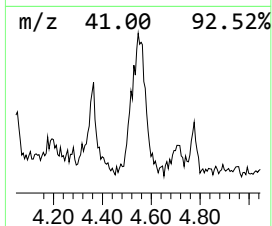
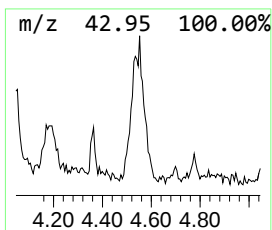
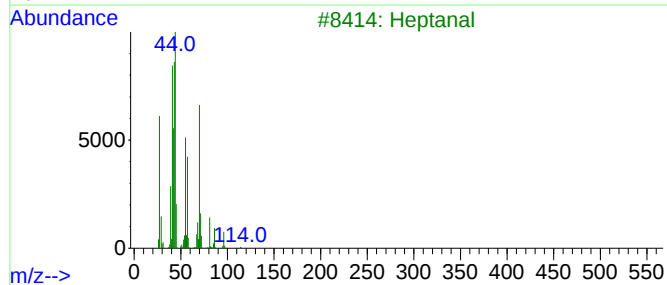
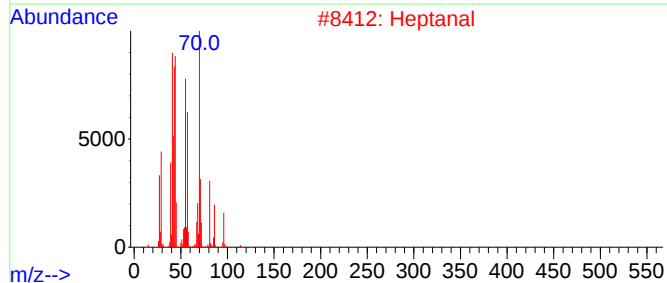
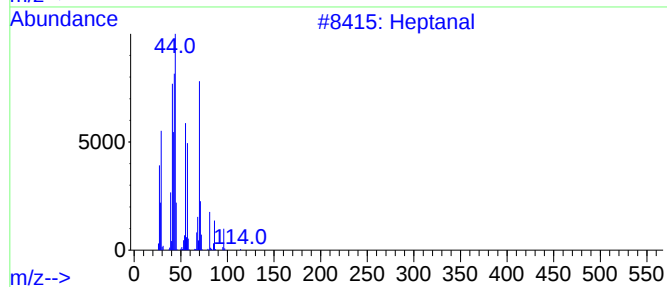
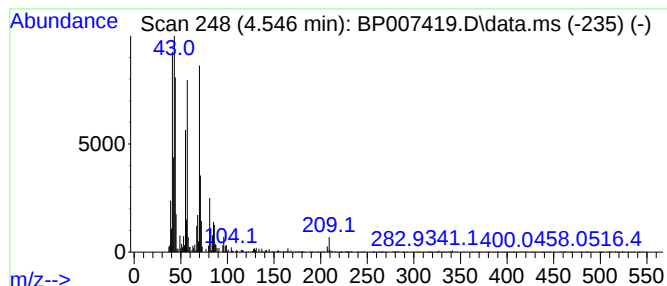
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.546	3.22 ng/ul	190591	1,4-Dichlorobenzene-d4	7.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	86
2	Heptanal			114	C7H14O	000111-71-7	80
3	Heptanal			114	C7H14O	000111-71-7	78
4	Heptanal			114	C7H14O	000111-71-7	78
5	Heptanal			114	C7H14O	000111-71-7	78



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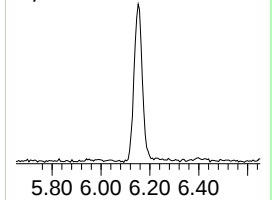
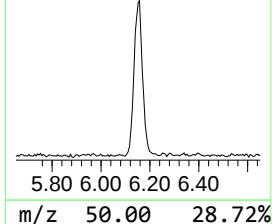
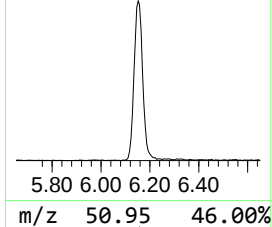
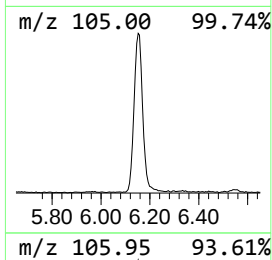
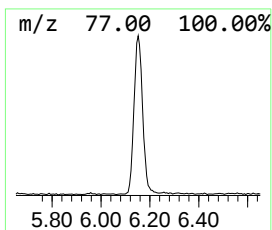
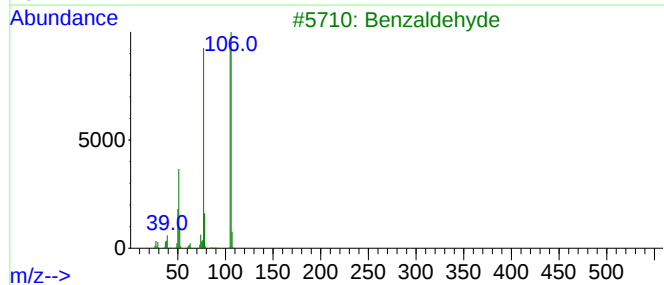
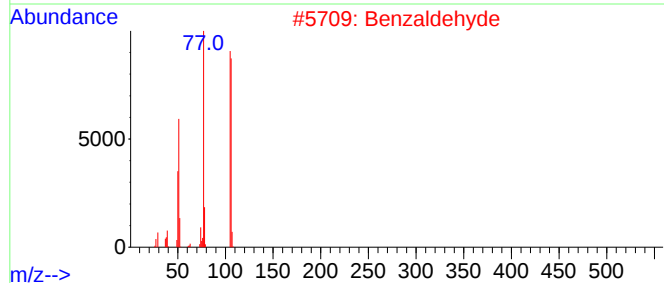
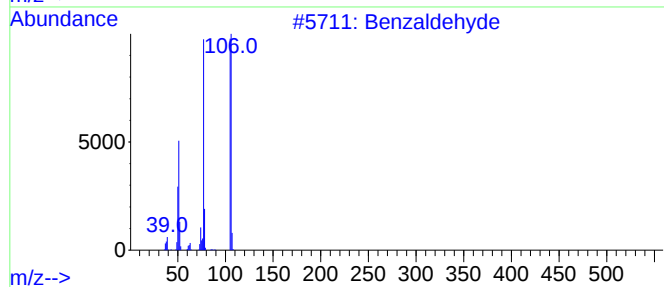
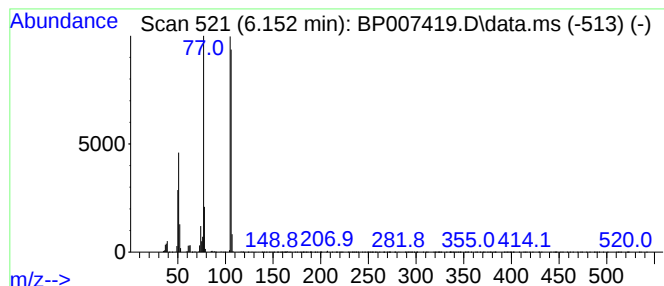
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.152	8.26 ng/ul	489164	1,4-Dichlorobenzene-d4	7.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde	106	C7H6O	000100-52-7	97
2			Benzaldehyde	106	C7H6O	000100-52-7	97
3			Benzaldehyde	106	C7H6O	000100-52-7	94
4			Benzaldehyde	106	C7H6O	000100-52-7	94
5			Benzaldehyde	106	C7H6O	000100-52-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007419.D
Acq On : 14 Oct 2021 16:36
Operator : CG/JU
Sample : M4030-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00T9

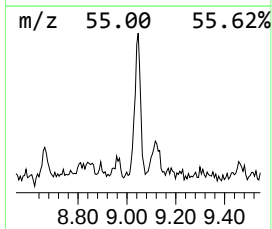
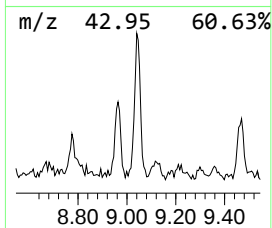
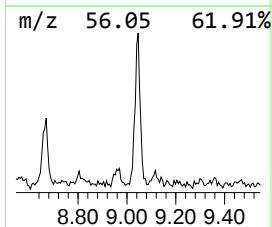
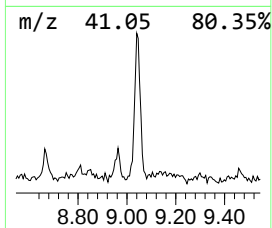
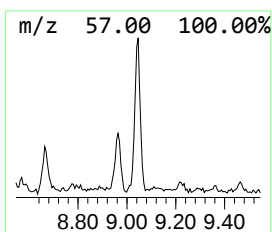
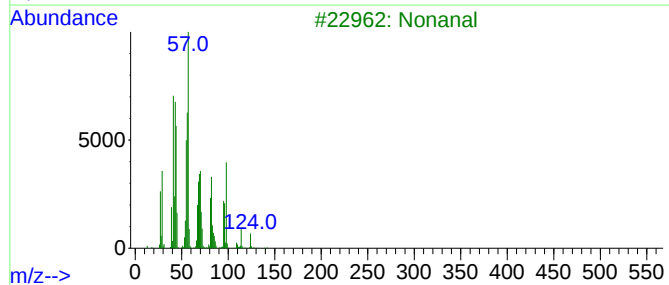
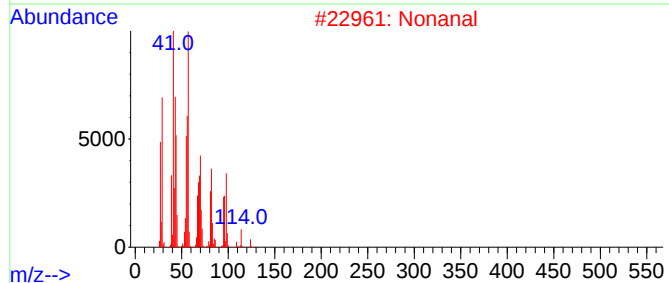
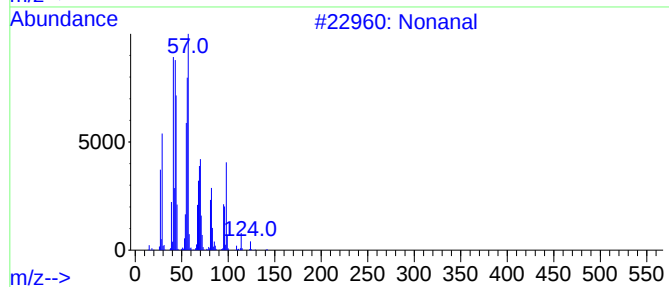
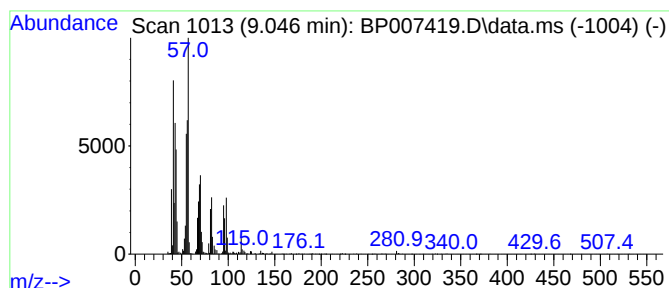
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Nonanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.046	2.40 ng/ul	142001	1,4-Dichlorobenzene-d4	7.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	96
2	Nonanal			142	C9H18O	000124-19-6	91
3	Nonanal			142	C9H18O	000124-19-6	90
4	E-11,13-Tetradecadien-1-ol			210	C14H26O	1000131-00-3	38
5	1-Cyclopropylguanidine			99	C4H9N3	168627-33-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007419.D
Acq On : 14 Oct 2021 16:36
Operator : CG/JU
Sample : M4030-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00T9

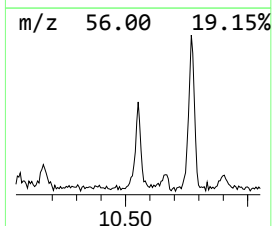
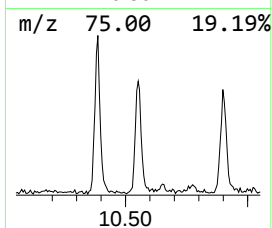
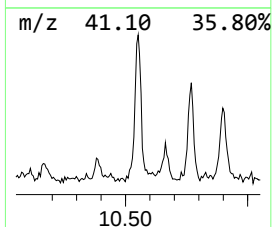
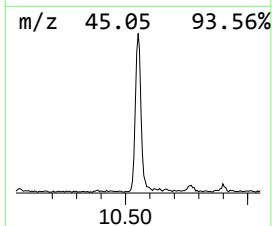
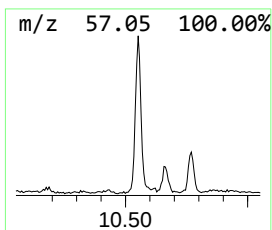
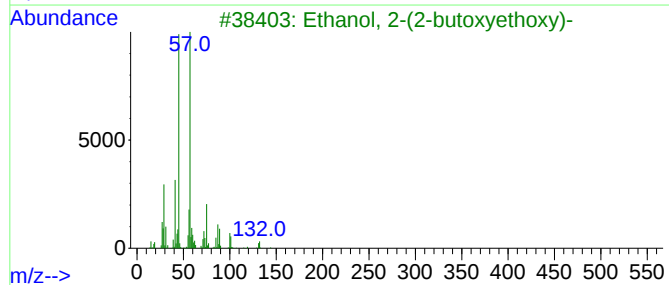
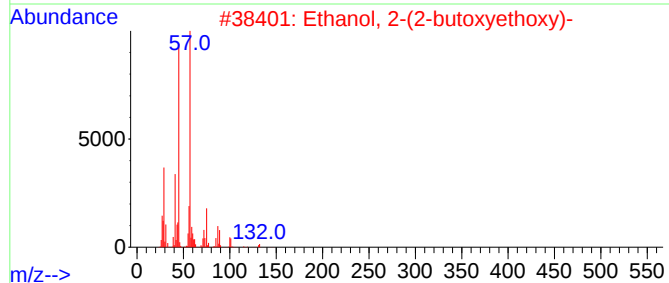
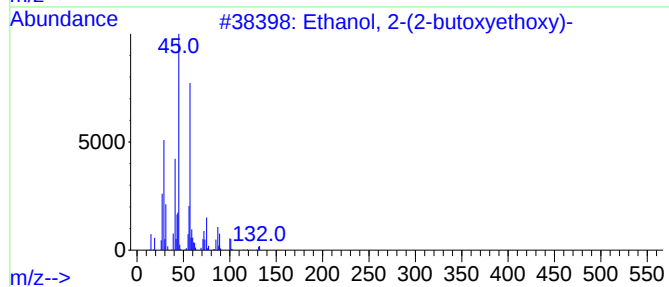
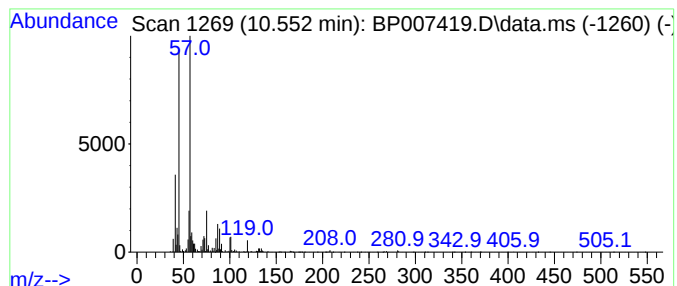
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.552	2.20 ng/ul	182619	Naphthalene-d8	10.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
3			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
4			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	80
5			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007419.D
Acq On : 14 Oct 2021 16:36
Operator : CG/JU
Sample : M4030-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00T9

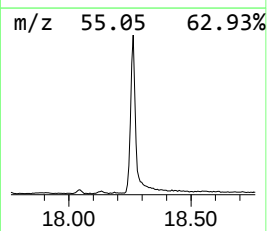
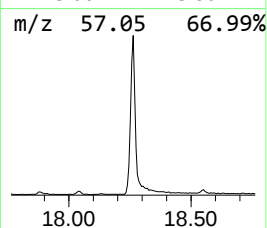
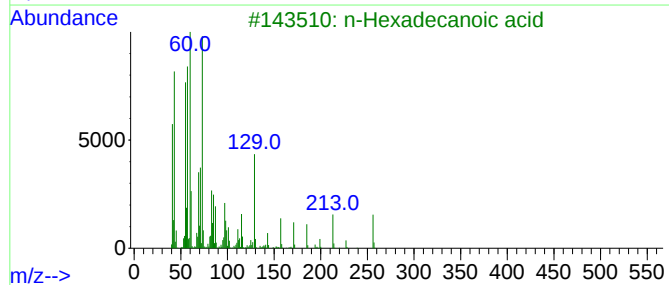
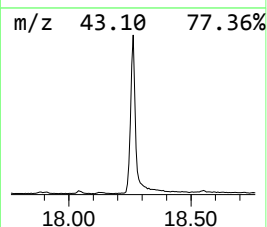
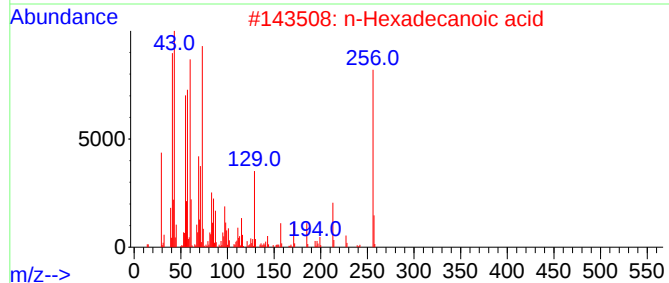
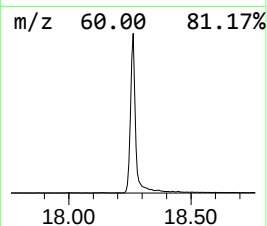
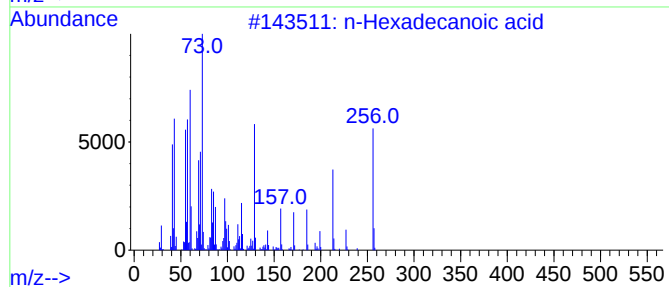
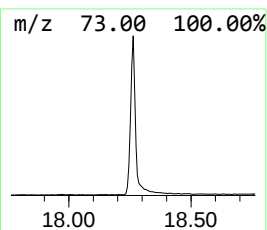
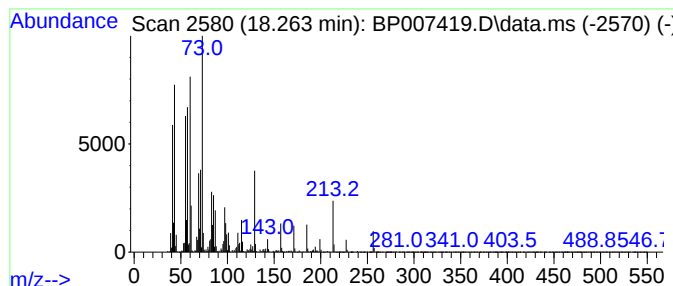
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	21.32 ng/ul	2723870	Phenanthrene-d10	17.357

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	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007419.D
Acq On : 14 Oct 2021 16:36
Operator : CG/JU
Sample : M4030-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00T9

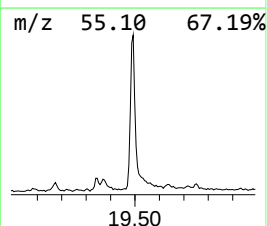
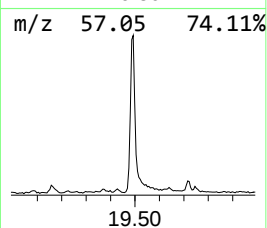
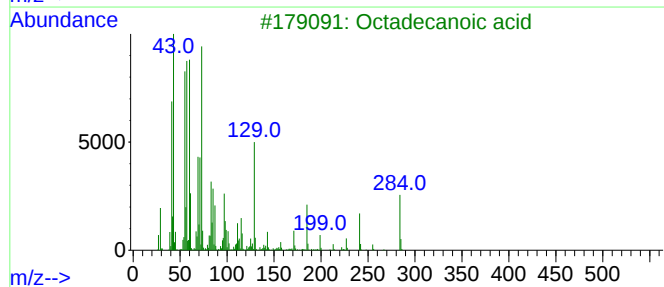
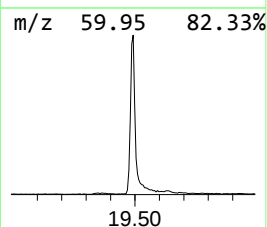
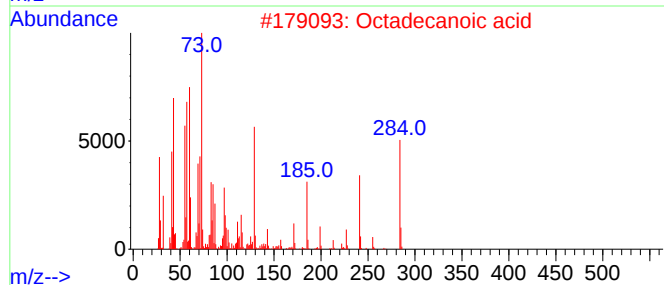
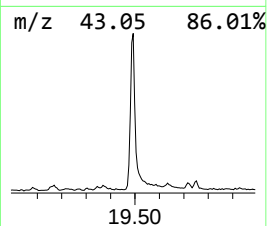
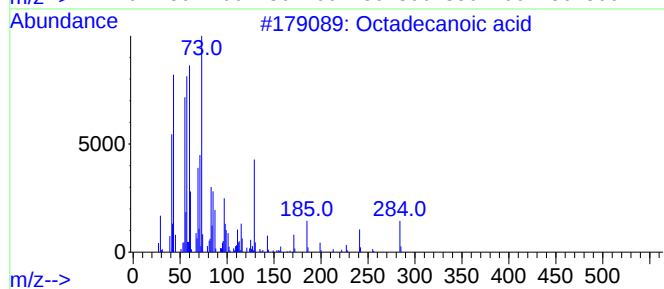
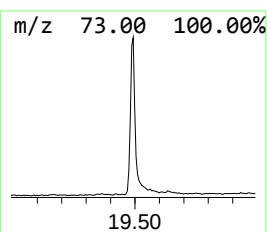
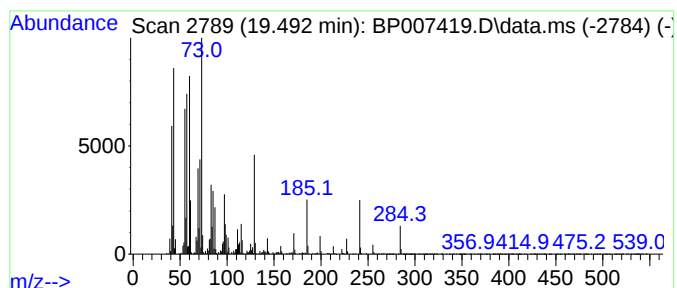
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	10.39 ng/ul	1584560	Chrysene-d12	21.439

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	95
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007419.D
Acq On : 14 Oct 2021 16:36
Operator : CG/JU
Sample : M4030-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00T9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.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
Butane, 2-metho...	3.128	127.1	ng/ul	7529620	1	7.963	1184680	20.0
Heptanal	4.546	3.2	ng/ul	190591	1	7.963	1184680	20.0
unknown-01	6.152	8.3	ng/ul	489164	1	7.963	1184680	20.0
Nonanal	9.046	2.4	ng/ul	142001	1	7.963	1184680	20.0
Ethanol, 2-(2-b...	10.552	2.2	ng/ul	182619	2	10.769	1663020	20.0
n-Hexadecanoic ...	18.263	21.3	ng/ul	2723870	4	17.357	2555100	20.0
Octadecanoic acid	19.492	10.4	ng/ul	1584560	5	21.439	3050000	20.0