

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029957.D
 Acq On : 11 May 2021 23:50
 Operator : CG/JU
 Sample : M2197-11
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARH3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	18	22	27	rBV	71850	99563	2.35%	0.254%
2	3.057	27	29	35	rVB	38141	48654	1.15%	0.124%
3	3.687	130	136	143	rVB2	23498	42090	1.00%	0.107%
4	3.881	166	169	176	rVB4	11345	19480	0.46%	0.050%
5	3.934	176	178	183	rBV6	3771	6387	0.15%	0.016%
6	4.293	234	239	248	rVB	25165	37294	0.88%	0.095%
7	4.698	305	308	313	rVB5	3743	6482	0.15%	0.017%
8	5.957	518	522	529	rVB2	7028	12320	0.29%	0.031%
9	6.739	649	655	668	rBV	122578	273354	6.46%	0.696%
10	6.892	675	681	697	rBV	466797	814937	19.27%	2.076%
11	7.081	706	713	732	rBV	561675	977309	23.11%	2.489%
12	7.545	784	792	802	rBV	429588	731439	17.29%	1.863%
13	7.622	802	805	812	rVB4	9801	18894	0.45%	0.048%
14	8.263	908	914	933	rBV2	379555	742311	17.55%	1.891%
15	8.698	980	988	1013	rBV	592882	1131969	26.76%	2.883%
16	9.116	1055	1059	1065	rVB2	10726	17612	0.42%	0.045%
17	9.416	1103	1110	1125	rBV	515510	935351	22.11%	2.382%
18	9.745	1161	1166	1171	rVB7	3794	6714	0.16%	0.017%
19	9.951	1195	1201	1224	rBV	602769	1321786	31.25%	3.366%
20	10.316	1256	1263	1276	rBV	628001	1102783	26.07%	2.809%
21	10.492	1287	1293	1305	rBV2	29801	92362	2.18%	0.235%
22	11.604	1476	1482	1487	rBV2	11206	18803	0.44%	0.048%
23	11.933	1533	1538	1542	rBV2	7947	15039	0.36%	0.038%
24	12.539	1637	1641	1646	rVB4	6043	9496	0.22%	0.024%
25	12.727	1669	1673	1679	rVB4	3509	6666	0.16%	0.017%
26	12.798	1679	1685	1691	rBV3	7821	14036	0.33%	0.036%
27	13.021	1717	1723	1728	rBV	15134	22687	0.54%	0.058%
28	13.098	1732	1736	1742	rVB9	4510	8564	0.20%	0.022%
29	13.615	1817	1824	1829	rBV	1661386	2362185	55.85%	6.016%
30	13.662	1829	1832	1842	rVB	85232	130920	3.10%	0.333%
31	13.886	1861	1870	1886	rBV	1866126	2826267	66.82%	7.198%
32	14.110	1903	1908	1913	rVB3	8222	12657	0.30%	0.032%
33	14.192	1916	1922	1934	rBV	1011231	1465434	34.65%	3.732%
34	14.280	1934	1937	1943	rBV7	8174	16973	0.40%	0.043%

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35	14.457	1957	1967	1968	rBV5	25413	40694	0.96%	0.104%
36	14.733	2011	2014	2018	rVB5	4152	6554	0.15%	0.017%
37	15.004	2057	2060	2061	rBV4	5097	4514	0.11%	0.011%
38	15.033	2061	2065	2068	rVV	19884	27202	0.64%	0.069%
39	15.062	2068	2070	2076	rVB3	8594	9434	0.22%	0.024%
40	15.192	2085	2092	2109	rBV	2486773	3548414	83.89%	9.038%
41	15.327	2109	2115	2128	rVV	737067	1099767	26.00%	2.801%
42	15.433	2129	2133	2142	rVB	31129	61409	1.45%	0.156%
43	15.568	2152	2156	2160	rVB5	4790	6252	0.15%	0.016%
44	15.621	2162	2165	2171	rVB8	2642	4530	0.11%	0.012%
45	15.880	2203	2209	2213	rBV8	5170	10421	0.25%	0.027%
46	15.921	2213	2216	2222	rVV6	4445	9266	0.22%	0.024%
47	15.974	2222	2225	2233	rVB5	12948	20914	0.49%	0.053%
48	16.104	2243	2247	2250	rVB5	3217	4485	0.11%	0.011%
49	16.180	2256	2260	2266	rVB	16449	22034	0.52%	0.056%
50	16.333	2282	2286	2291	rBV4	4120	4947	0.12%	0.013%
51	16.621	2330	2335	2338	rBV7	4601	5820	0.14%	0.015%
52	16.680	2342	2345	2349	rBV5	4690	8056	0.19%	0.021%
53	16.721	2349	2352	2358	rVV5	8014	13851	0.33%	0.035%
54	16.939	2383	2389	2400	rBV	1125021	1608356	38.03%	4.096%
55	17.039	2400	2406	2426	rVV	2722645	3831252	90.58%	9.758%
56	17.239	2437	2440	2448	rVB6	6516	12856	0.30%	0.033%
57	17.456	2472	2477	2480	rBV5	3293	4425	0.10%	0.011%
58	17.621	2502	2505	2511	rVB7	3403	5243	0.12%	0.013%
59	17.850	2538	2544	2552	rBV	142248	243525	5.76%	0.620%
60	17.915	2553	2555	2565	rVB	17498	36983	0.87%	0.094%
61	18.780	2700	2702	2706	rVB5	4392	6058	0.14%	0.015%
62	18.897	2721	2722	2726	rBV4	4503	4410	0.10%	0.011%
63	18.974	2731	2735	2740	rBV	26339	38016	0.90%	0.097%
64	19.139	2758	2763	2773	rBV	72655	137095	3.24%	0.349%
65	19.221	2774	2777	2781	rVV	25459	37318	0.88%	0.095%
66	19.274	2781	2786	2791	rVV	660321	741631	17.53%	1.889%
67	19.339	2791	2797	2816	rVB	3064667	4229640	100.00%	10.773%
68	19.580	2835	2838	2842	rBV2	16221	21356	0.50%	0.054%
69	20.850	3050	3054	3065	rBV	248182	427418	10.11%	1.089%
70	21.127	3096	3101	3110	rBV	1118814	1557706	36.83%	3.967%
71	22.633	3354	3357	3362	rVB2	99739	135604	3.21%	0.345%

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72	23.144	3437	3444	3459	rBV2	2105387	4101695	96.98%	10.447%
73	23.280	3461	3467	3479	rVB2	830515	1574596	37.23%	4.010%
74	23.779	3549	3552	3561	rVB	145774	250506	5.92%	0.638%

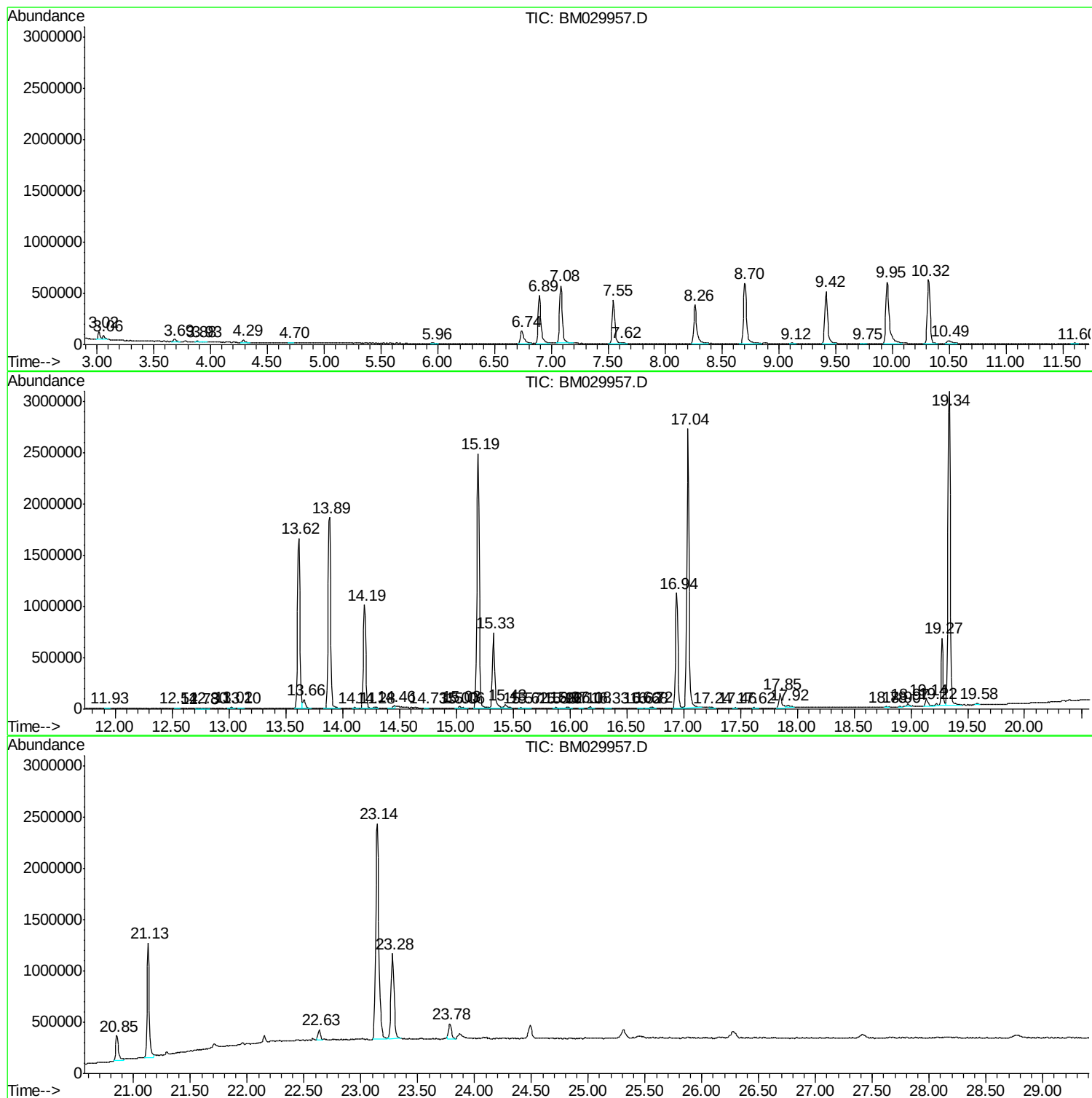
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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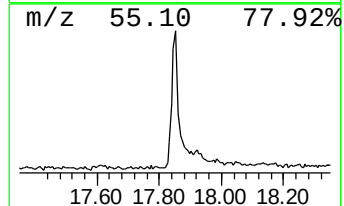
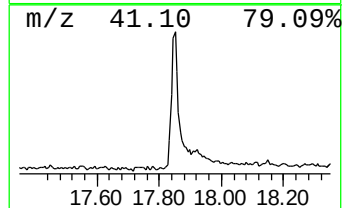
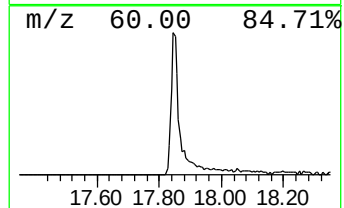
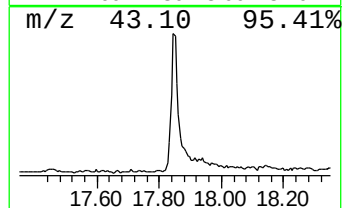
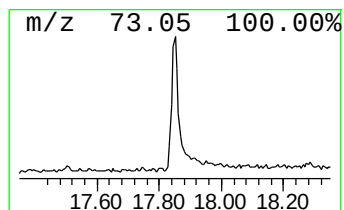
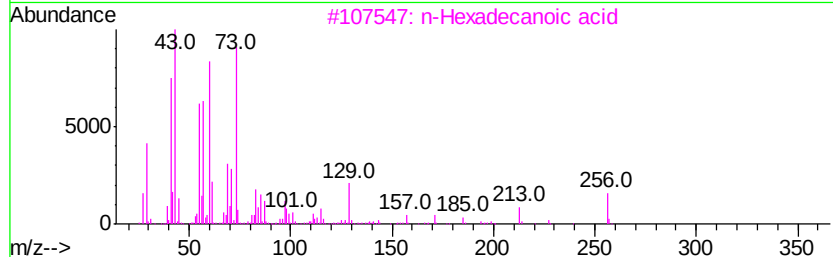
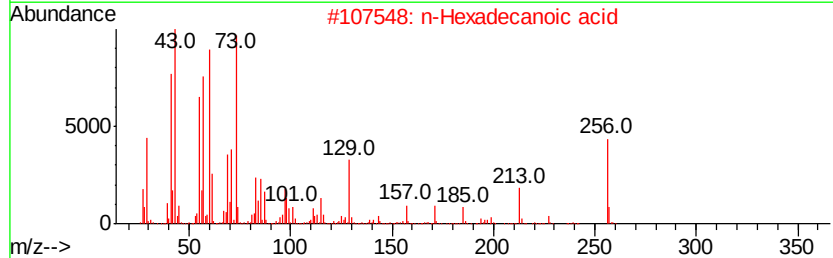
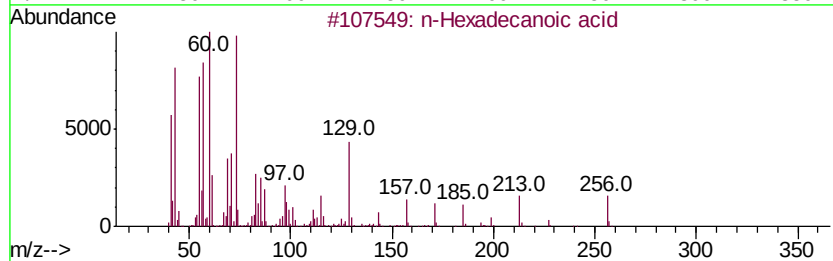
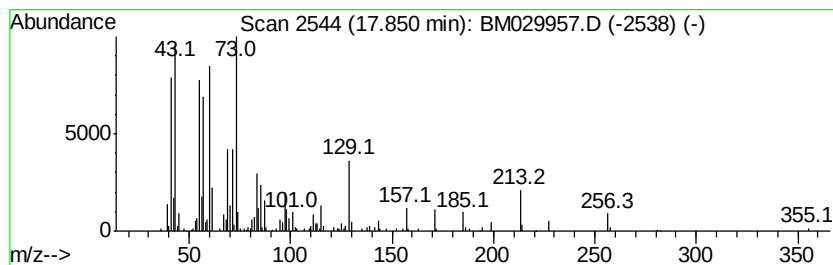
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.03 ng/ul	243525	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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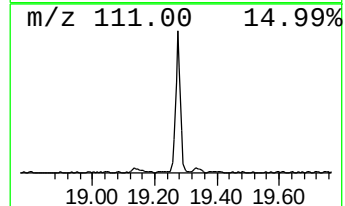
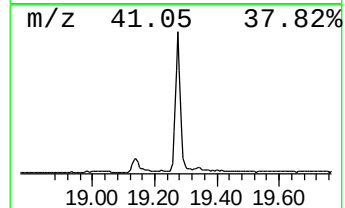
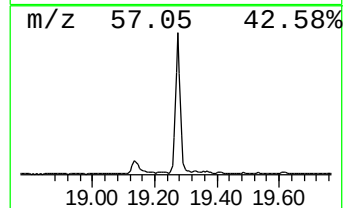
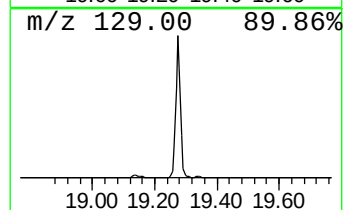
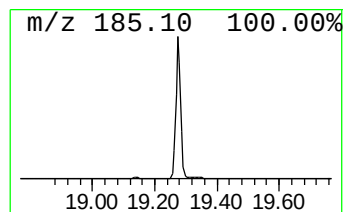
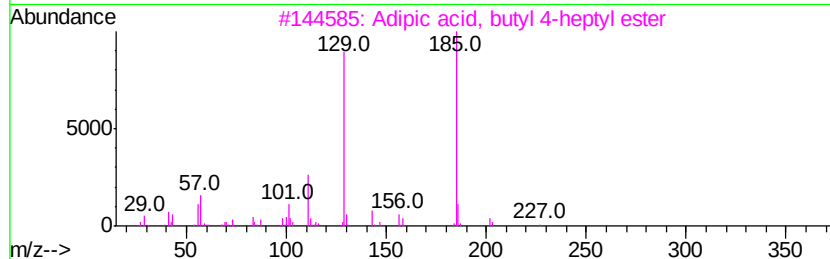
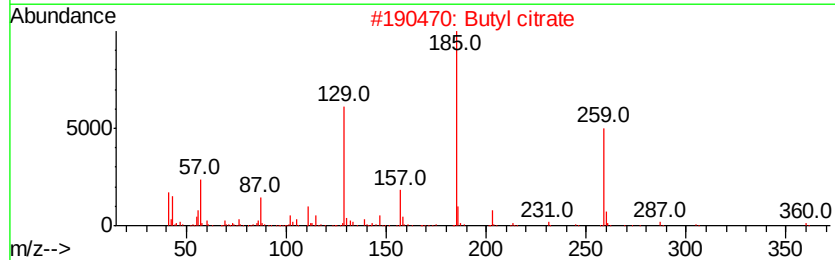
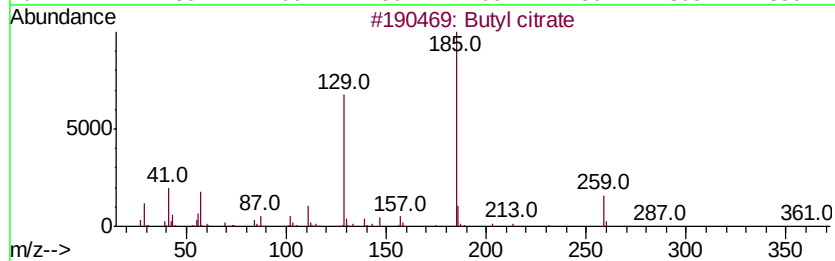
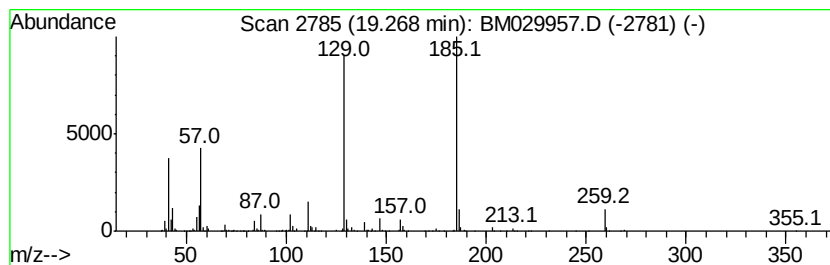
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butyl citrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	9.52 ng/ul	741631	Chrysene-d12	21.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butyl citrate	360 C18H32O7	000077-94-1	81
2	Butyl citrate	360 C18H32O7	000077-94-1	78
3	Adipic acid, butyl 4-heptyl ester	300 C17H32O4	1000349-73-7	64
4	Hexanedioic acid, bis(2-methylpr...	258 C14H26O4	000141-04-8	56
5	Dibutyl adipate	258 C14H26O4	000105-99-7	56



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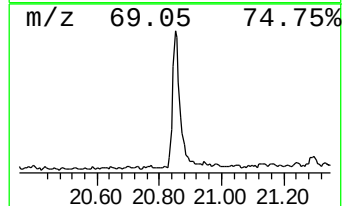
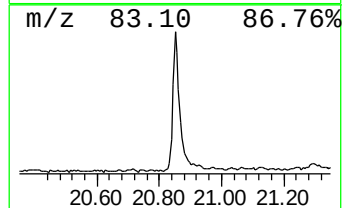
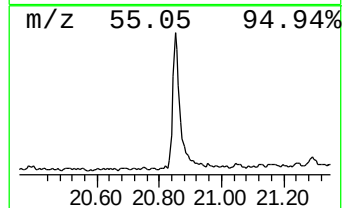
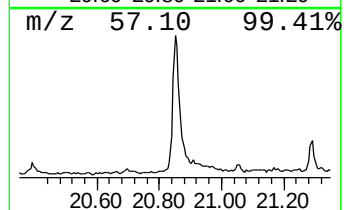
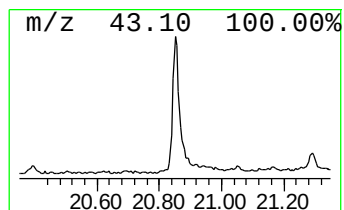
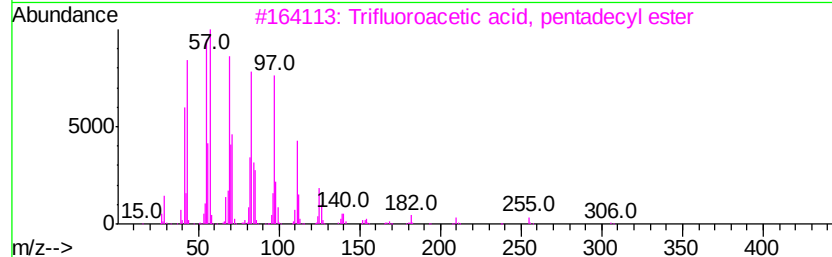
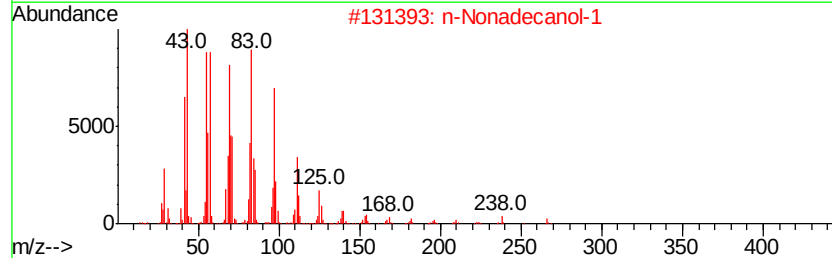
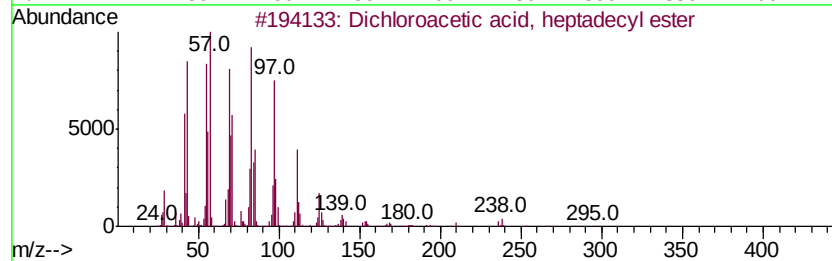
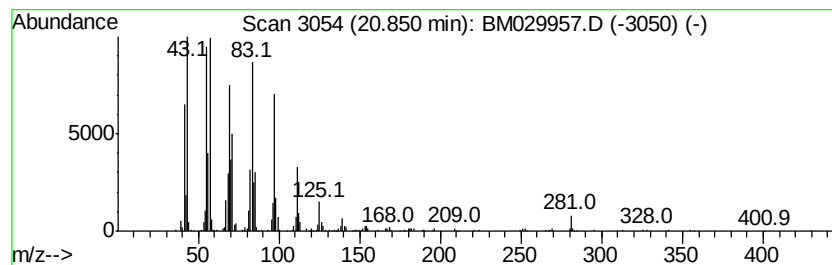
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Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.85	5.49 ng/ul	427418	Chrysene-d12	21.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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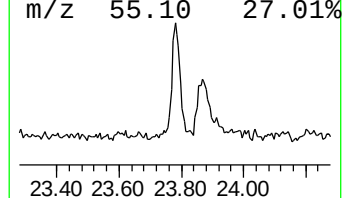
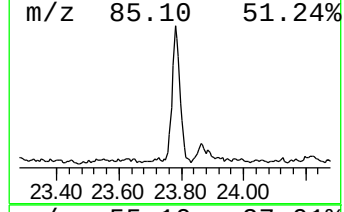
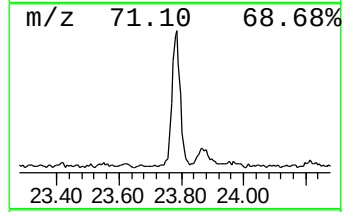
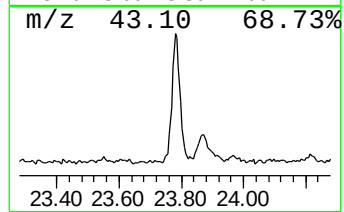
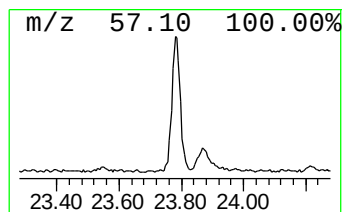
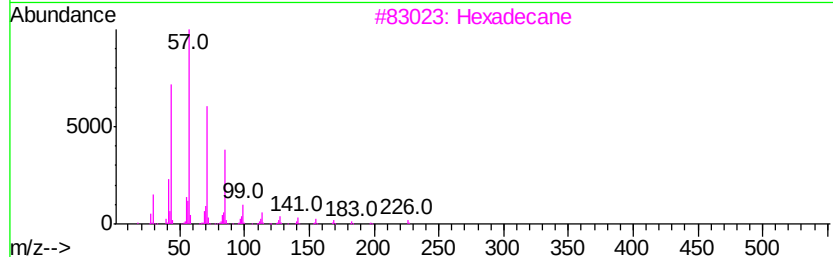
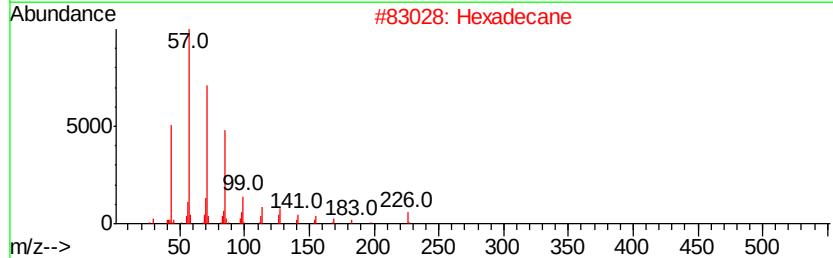
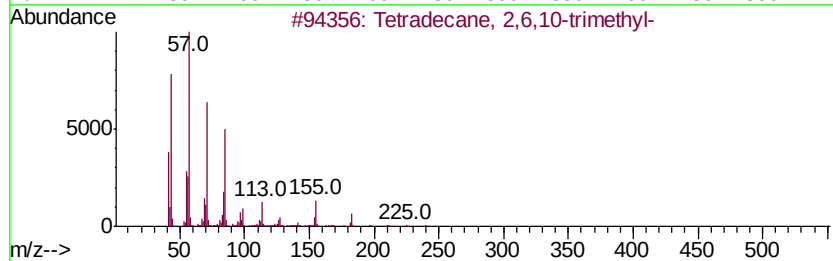
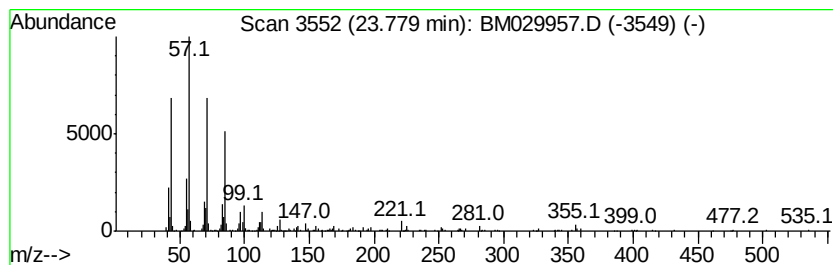
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	3.18 ng/ul	250506	Perylene-d12	23.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tetracosane	338	C24H50	000646-31-1	90
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051021\
Data File : BM029957.D
Acq On : 11 May 2021 23:50
Operator : CG/JU
Sample : M2197-11
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YARH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.85	3.0	ng/ul	243525	4	16.94	1608360	20.0
Butyl citrate	19.27	9.5	ng/ul	741631	5	21.13	1557710	20.0
Dichloroacetic ac...	20.85	5.5	ng/ul	427418	5	21.13	1557710	20.0
(DEL) Alkane: Str...	23.78	3.2	ng/ul	250506	6	23.28	1574600	20.0