

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029961.D
 Acq On : 12 May 2021 02:49
 Operator : CG/JU
 Sample : M2197-07
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARG6

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	3.057	26	29	37	rVB	36020	52871	0.92%	0.104%
2	3.687	131	136	145	rVB2	27476	48581	0.84%	0.095%
3	3.775	148	151	157	rVB4	9702	14184	0.25%	0.028%
4	3.881	166	169	176	rVB5	8661	13256	0.23%	0.026%
5	4.293	235	239	244	rBV7	4605	8365	0.15%	0.016%
6	4.693	303	307	313	rBV4	5557	12109	0.21%	0.024%
7	4.863	332	336	342	rVB5	9040	16148	0.28%	0.032%
8	5.622	461	465	476	rVB2	27601	50132	0.87%	0.098%
9	5.951	517	521	527	rVB6	7266	12933	0.22%	0.025%
10	6.734	649	654	670	rBV	155914	330982	5.75%	0.648%
11	6.893	675	681	698	rBV	529193	941622	16.36%	1.845%
12	7.081	706	713	725	rBV	656112	1130053	19.63%	2.214%
13	7.545	785	792	804	rBV	473060	818454	14.22%	1.603%
14	8.257	907	913	933	rBV	483115	928975	16.14%	1.820%
15	8.698	982	988	1008	rBV	735353	1317644	22.89%	2.581%
16	9.116	1051	1059	1066	rBV2	8472	13453	0.23%	0.026%
17	9.416	1103	1110	1134	rBV	650010	1148471	19.95%	2.250%
18	9.951	1194	1201	1230	rBV	778566	1645704	28.59%	3.224%
19	10.316	1256	1263	1278	rBV	750954	1282687	22.29%	2.513%
20	10.492	1287	1293	1307	rBV4	19082	63178	1.10%	0.124%
21	11.927	1529	1537	1544	rBV3	11423	25294	0.44%	0.050%
22	12.674	1660	1664	1668	rBV7	3325	5764	0.10%	0.011%
23	13.022	1717	1723	1727	rBV	13755	20178	0.35%	0.040%
24	13.098	1730	1736	1741	rBV2	17379	25799	0.45%	0.051%
25	13.610	1817	1823	1829	rBV	1997612	2897465	50.34%	5.676%
26	13.657	1829	1831	1839	rVV	77116	121883	2.12%	0.239%
27	13.727	1841	1843	1849	rVB5	5265	8313	0.14%	0.016%
28	13.880	1860	1869	1886	rBV	2326849	3434975	59.68%	6.729%
29	14.104	1904	1907	1912	rVB4	9464	13865	0.24%	0.027%
30	14.192	1915	1922	1931	rBV	1247210	1813794	31.51%	3.553%
31	14.445	1959	1965	1980	rBV2	52569	190383	3.31%	0.373%
32	14.751	2010	2017	2020	rBV2	26212	63267	1.10%	0.124%
33	15.057	2067	2069	2075	rVB5	6358	9353	0.16%	0.018%
34	15.192	2085	2092	2109	rBV	3004038	4398005	76.42%	8.616%

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35	15.327	2109	2115	2128	rVV	1009245	1504723	26.14%	2.948%
36	15.433	2129	2133	2142	rVB2	40493	70744	1.23%	0.139%
37	15.874	2206	2208	2213	rVB6	6103	8920	0.15%	0.017%
38	15.974	2222	2225	2233	rVB7	15542	25599	0.44%	0.050%
39	16.180	2257	2260	2263	rVB	13558	15615	0.27%	0.031%
40	16.615	2330	2334	2339	rBV7	8855	17439	0.30%	0.034%
41	16.721	2349	2352	2355	rBV5	9317	14226	0.25%	0.028%
42	16.757	2356	2358	2364	rVB2	13738	16861	0.29%	0.033%
43	16.939	2383	2389	2399	rBV	1567170	2161596	37.56%	4.235%
44	17.039	2399	2406	2420	rVV	3435508	4841154	84.12%	9.484%
45	17.851	2539	2544	2553	rBV	293384	470772	8.18%	0.922%
46	18.974	2731	2735	2740	rVB	45566	59887	1.04%	0.117%
47	19.139	2758	2763	2773	rBV2	78056	136251	2.37%	0.267%
48	19.221	2774	2777	2782	rVB	38256	56044	0.97%	0.110%
49	19.339	2791	2797	2813	rVB	4371777	5755395	100.00%	11.275%
50	19.868	2884	2887	2890	rBV4	23357	33700	0.59%	0.066%
51	20.850	3050	3054	3064	rBV	616252	917072	15.93%	1.797%
52	21.050	3084	3088	3095	rBV	1429479	1629938	28.32%	3.193%
53	21.127	3096	3101	3111	rVV	1780319	2321240	40.33%	4.547%
54	22.633	3354	3357	3362	rVB	162338	211708	3.68%	0.415%
55	23.144	3437	3444	3456	rBV2	2721679	5135927	89.24%	10.061%
56	23.280	3461	3467	3483	rVB	1129555	2115854	36.76%	4.145%
57	23.786	3548	3553	3560	rVB	194346	356576	6.20%	0.699%
58	24.485	3669	3672	3680	rVB	156853	291618	5.07%	0.571%

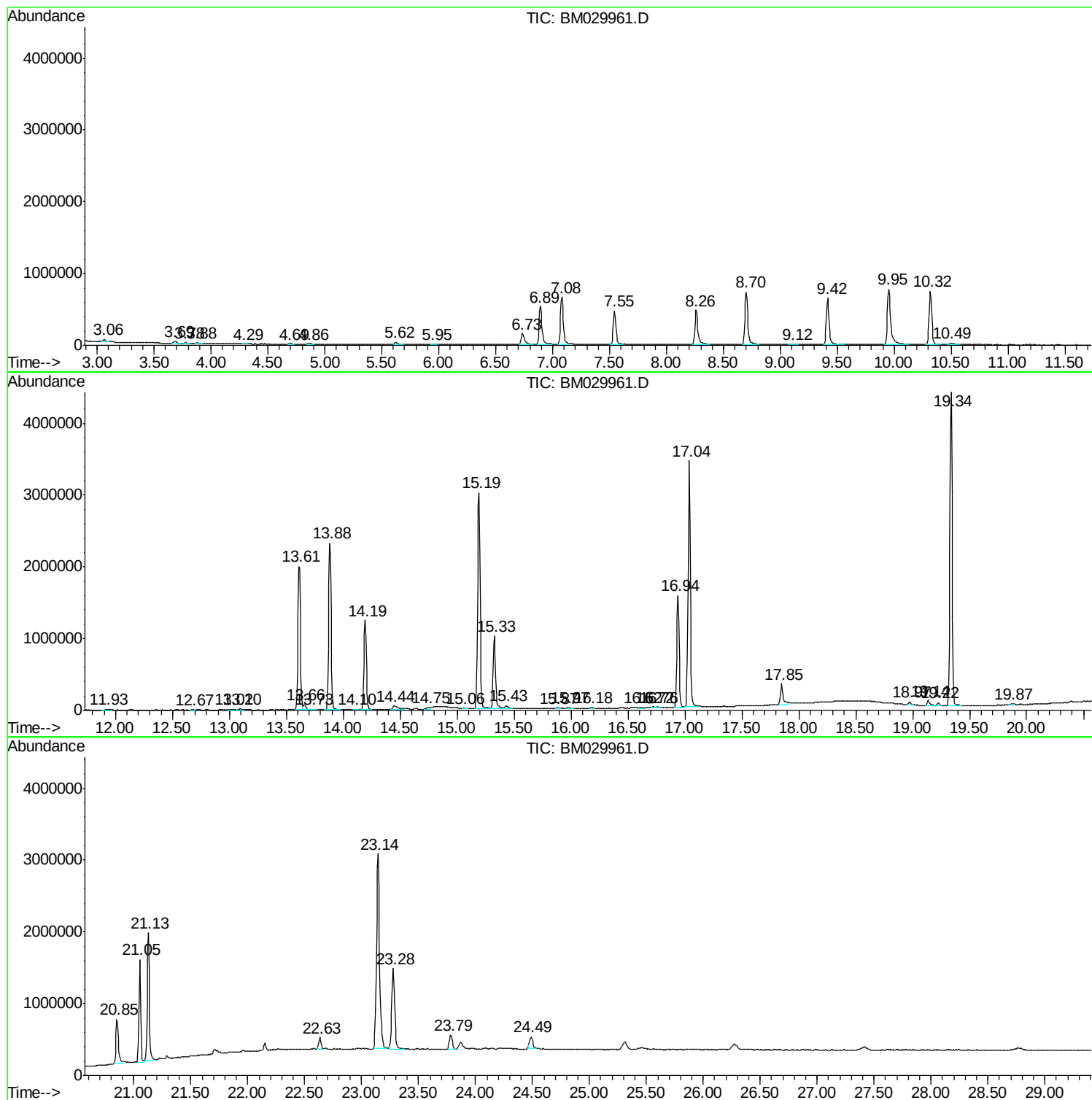
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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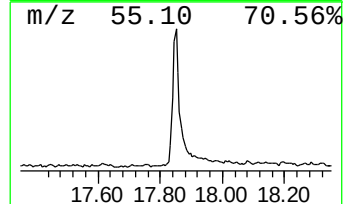
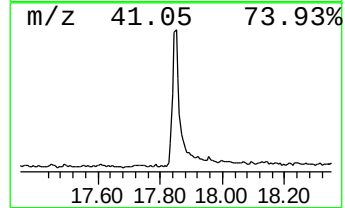
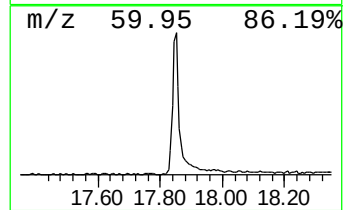
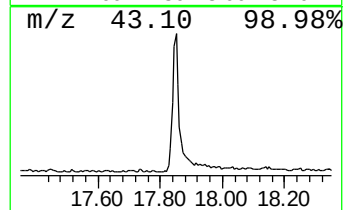
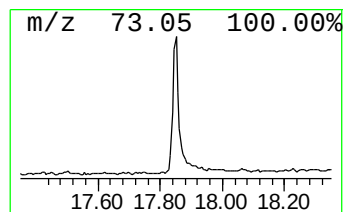
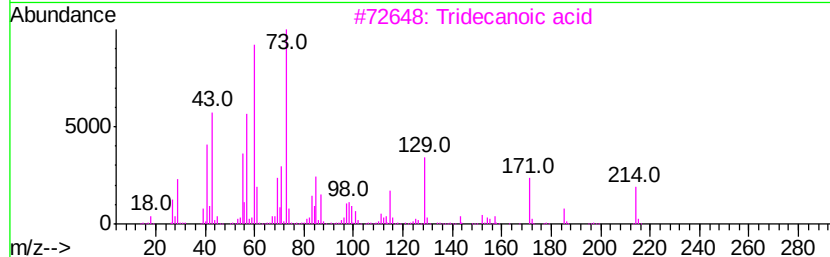
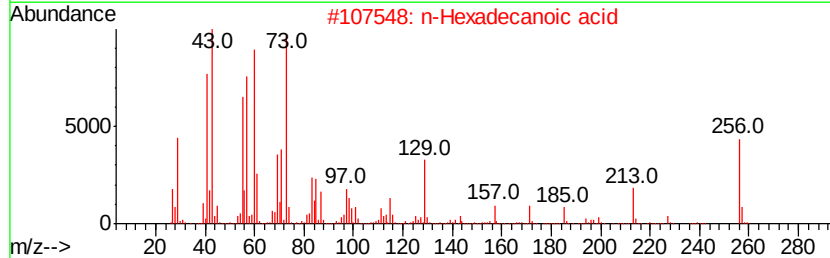
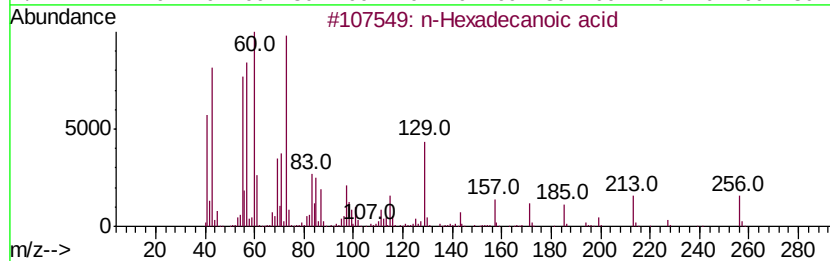
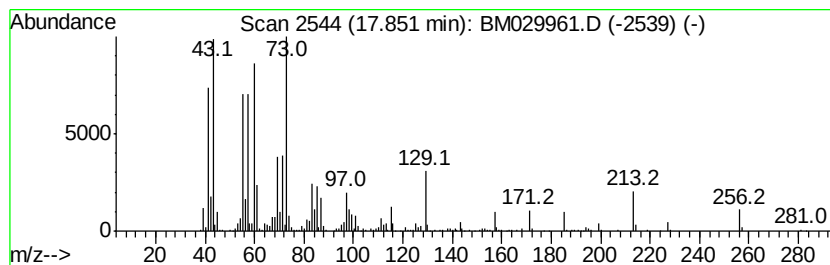
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.85	4.36 ng/ul	470772	Phenanthrene-d10	16.94	
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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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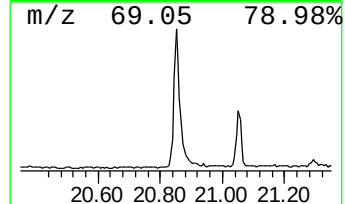
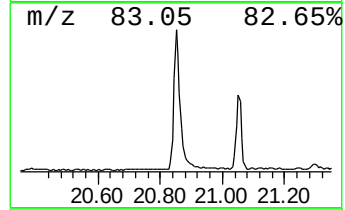
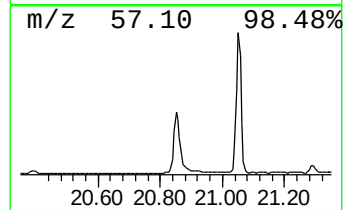
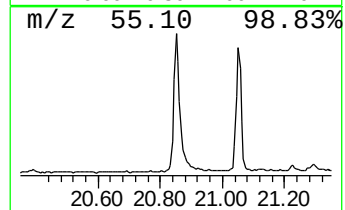
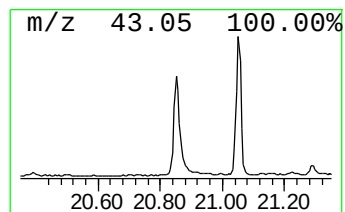
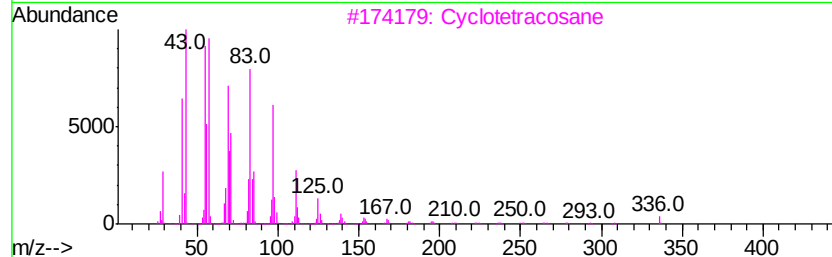
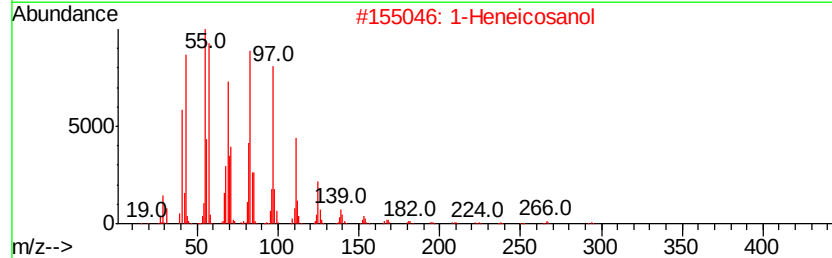
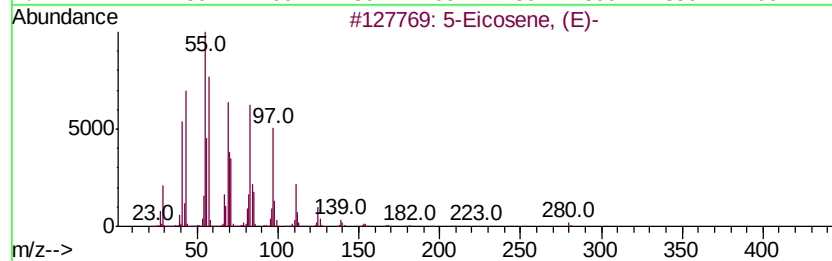
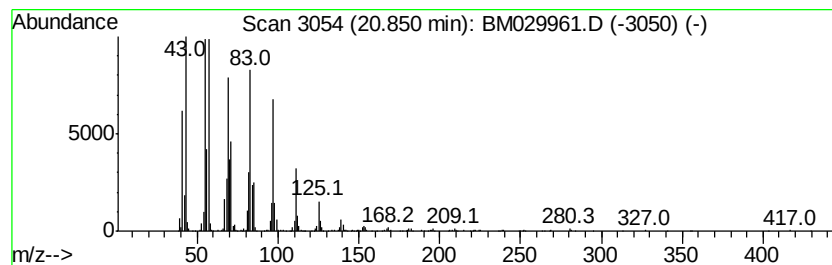
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.85	7.90 ng/ul	917072	Chrysene-d12	21.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



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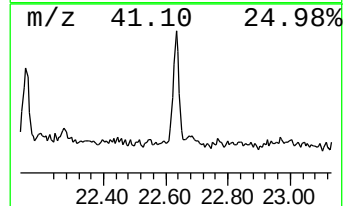
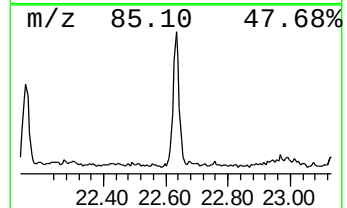
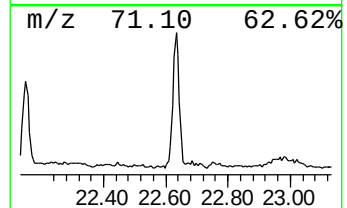
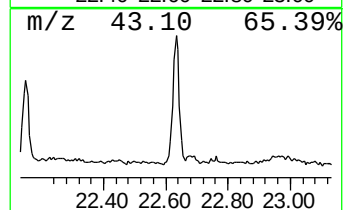
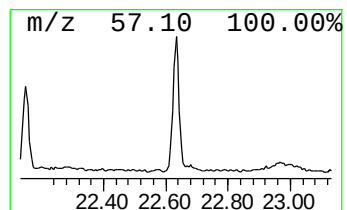
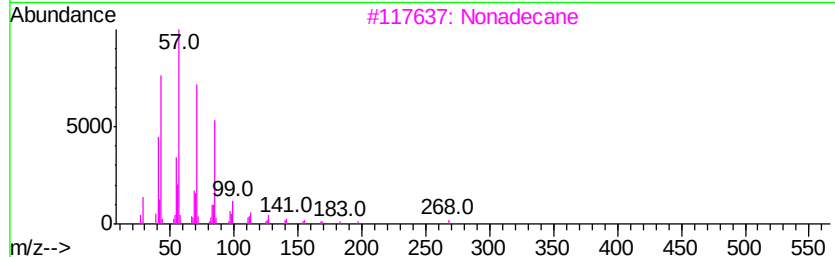
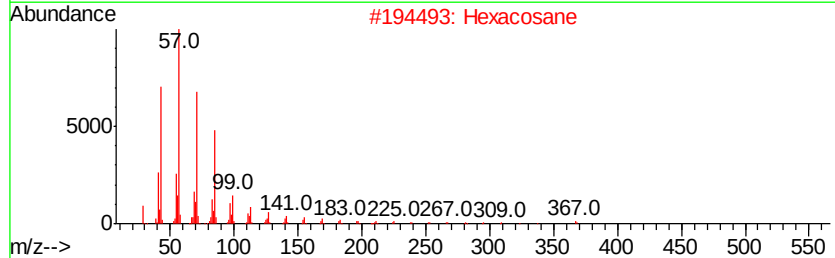
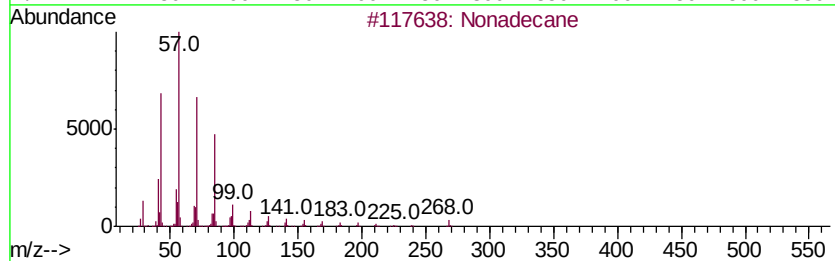
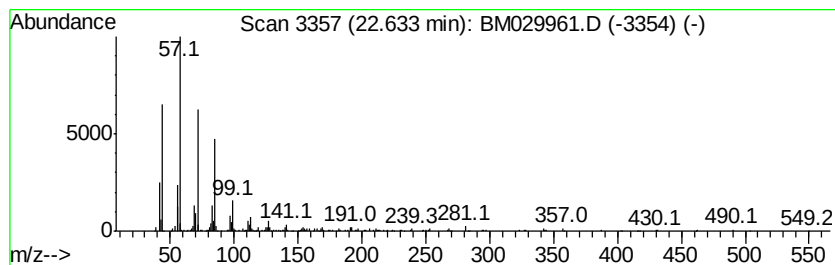
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.00 ng/ul	211708	Perylene-d12	23.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Hexacosane	366	C26H54	000630-01-3	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Octadecane	254	C18H38	000593-45-3	83
5		Heneicosane	296	C21H44	000629-94-7	83



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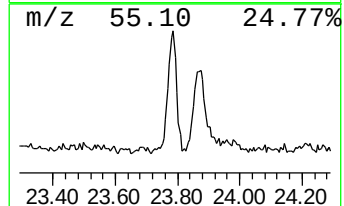
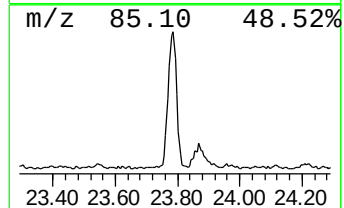
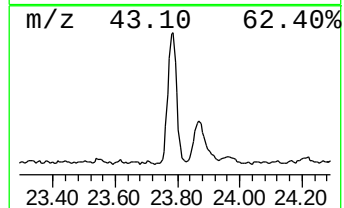
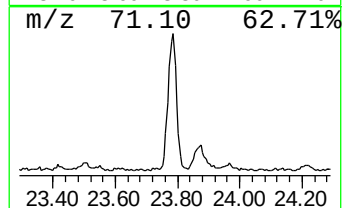
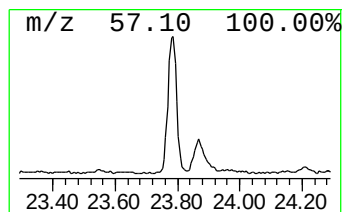
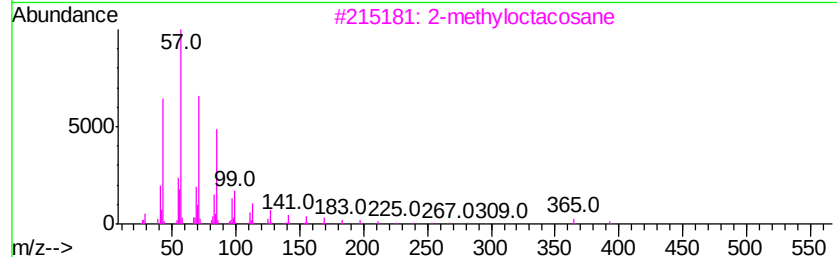
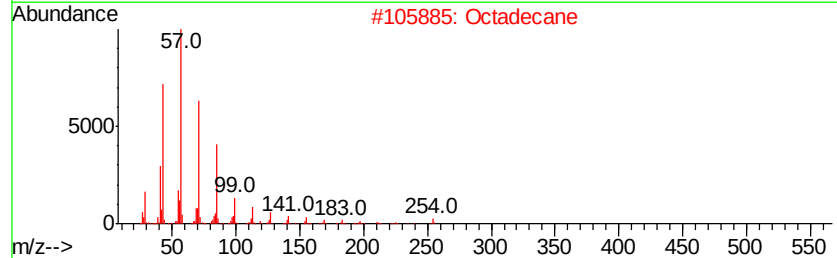
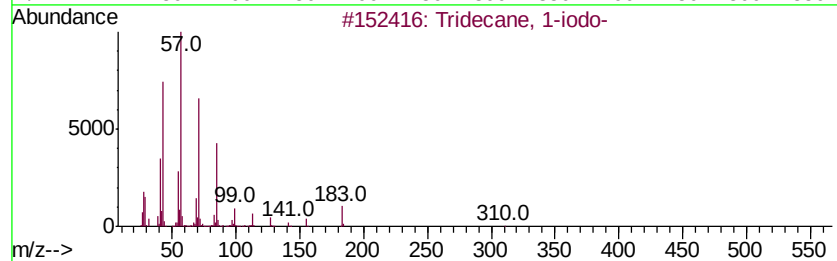
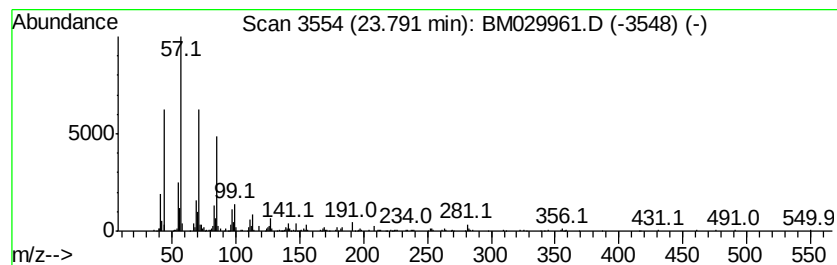
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tridecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.37 ng/ul	356576	Perylene-d12	23.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2		Octadecane	254	C18H38	000593-45-3	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



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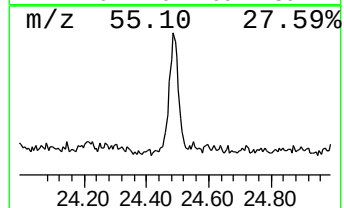
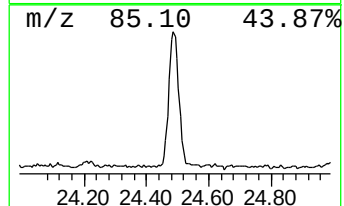
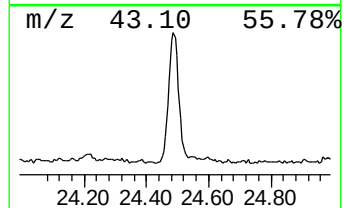
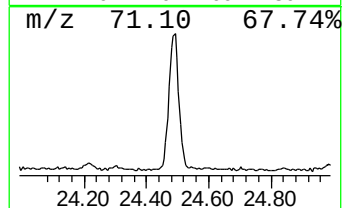
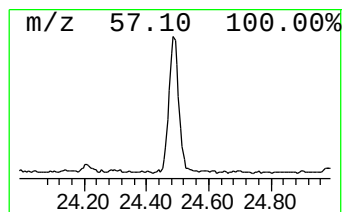
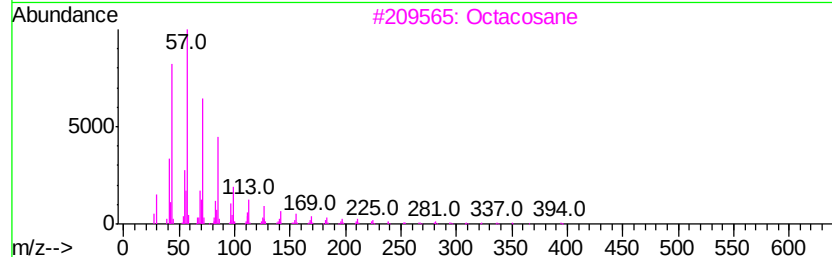
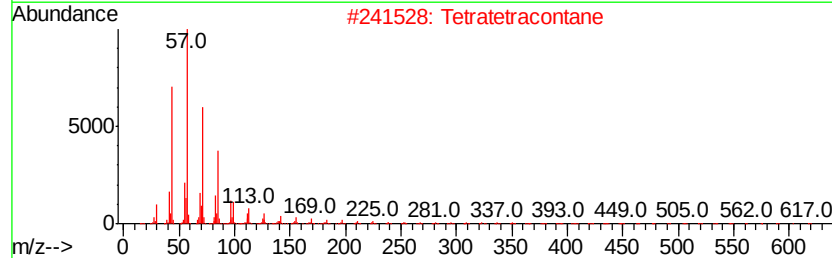
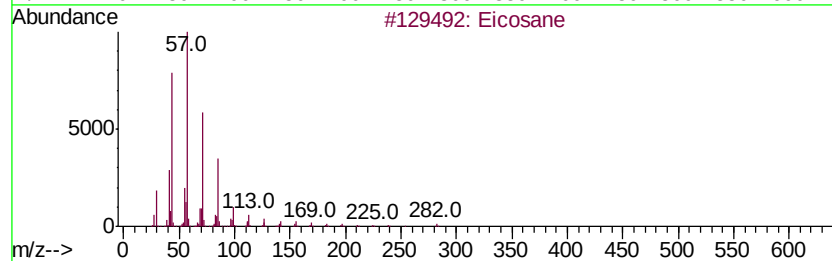
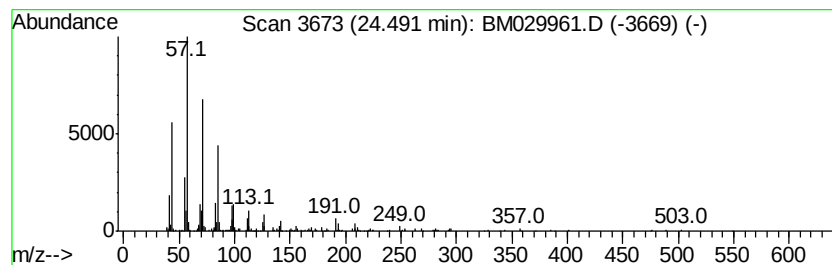
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	2.76 ng/ul	291618	Perylene-d12	23.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051021\
Data File : BM029961.D
Acq On : 12 May 2021 02:49
Operator : CG/JU
Sample : M2197-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YARG6

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	4.4	ng/ul	470772	4	16.94	2161600	20.0
(DEL) Alkane: Str...	20.85	7.9	ng/ul	917072	5	21.13	2321240	20.0
(DEL) Alkane: Str...	22.63	2.0	ng/ul	211708	6	23.28	2115850	20.0
Tridecane, 1-iodo-	23.79	3.4	ng/ul	356576	6	23.28	2115850	20.0
(DEL) Alkane: Str...	24.49	2.8	ng/ul	291618	6	23.28	2115850	20.0