

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021555.D
 Acq On : 19 Jul 2019 12:09
 Operator : HP/JU
 Sample : K3764-24
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52H4

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\SOM-EPA-BM070819MA.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	3.958	162	165	171	rVB	91012	115811	1.87%	0.212%
2	6.887	657	663	677	rVB	837817	1372615	22.18%	2.507%
3	7.057	687	692	710	rVB	658108	1059091	17.11%	1.934%
4	7.246	718	724	733	rVB	942119	1479635	23.91%	2.702%
5	7.710	797	803	811	rVB	623129	984008	15.90%	1.797%
6	8.416	917	923	930	rBV	1034520	1718272	27.77%	3.138%
7	8.475	930	933	944	rVB	57490	106008	1.71%	0.194%
8	8.875	995	1001	1014	rVB	853288	1407371	22.74%	2.570%
9	9.592	1116	1123	1137	rVB	684760	1150859	18.60%	2.102%
10	9.863	1167	1169	1176	rVB2	6099	7154	0.12%	0.013%
11	10.122	1206	1213	1226	rBV	1071465	1891426	30.57%	3.454%
12	10.492	1269	1276	1283	rBV	800816	1351679	21.84%	2.469%
13	10.645	1295	1302	1328	rVB	837525	1622188	26.21%	2.963%
14	11.110	1372	1381	1387	rBV7	4016	13931	0.23%	0.025%
15	12.098	1544	1549	1556	rVB2	12022	20046	0.32%	0.037%
16	13.216	1735	1739	1745	rBV5	4517	9309	0.15%	0.017%
17	13.604	1802	1805	1810	rVB2	12853	15836	0.26%	0.029%
18	13.775	1825	1834	1838	rBV	1878036	2581356	41.71%	4.714%
19	13.822	1838	1842	1855	rVB	491496	677289	10.95%	1.237%
20	14.051	1874	1881	1888	rBV	2228808	3229739	52.19%	5.898%
21	14.357	1926	1933	1944	rBV2	1167756	1751263	28.30%	3.198%
22	14.433	1944	1946	1951	rVB4	7721	9780	0.16%	0.018%
23	14.580	1964	1971	1989	rBV	474470	950822	15.37%	1.736%
24	14.774	1999	2004	2012	rVB9	10761	20797	0.34%	0.038%
25	15.116	2058	2062	2065	rBV	8866	11735	0.19%	0.021%
26	15.198	2072	2076	2080	rVB2	9441	12029	0.19%	0.022%
27	15.351	2096	2102	2115	rVV	2737935	4016474	64.91%	7.335%
28	15.486	2119	2125	2138	rBV	568018	857358	13.85%	1.566%
29	15.592	2140	2143	2148	rVV	29697	39980	0.65%	0.073%
30	15.639	2148	2151	2156	rVB2	10459	12912	0.21%	0.024%
31	16.139	2232	2236	2241	rVB4	8038	10556	0.17%	0.019%
32	16.521	2296	2301	2306	rBV4	4908	10513	0.17%	0.019%
33	16.898	2361	2365	2369	rVV2	4301	6551	0.11%	0.012%
34	17.110	2394	2401	2409	rBV	1531125	2109184	34.08%	3.852%

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35	17.210	2409	2418	2428	rBV	3024865	4269552	69.00%	7.797%
36	18.004	2548	2553	2570	rBV	365542	618191	9.99%	1.129%
37	19.139	2742	2746	2749	rBV2	45995	63563	1.03%	0.116%
38	19.286	2766	2771	2780	rBV	217039	353905	5.72%	0.646%
39	19.392	2786	2789	2794	rVB	26491	36686	0.59%	0.067%
40	19.509	2802	2809	2819	rBV	3803836	5155915	83.32%	9.416%
41	20.380	2954	2957	2962	rBV4	40203	44269	0.72%	0.081%
42	21.003	3059	3063	3074	rBV2	223162	431350	6.97%	0.788%
43	21.298	3108	3113	3121	rBV	1892273	2541418	41.07%	4.641%
44	21.439	3134	3137	3141	rBV3	98941	111525	1.80%	0.204%
45	21.874	3208	3211	3214	rBV	175369	187232	3.03%	0.342%
46	22.339	3286	3290	3297	rBV2	252093	335820	5.43%	0.613%
47	22.845	3372	3376	3382	rVB	409601	542059	8.76%	0.990%
48	23.409	3465	3472	3487	rBV	3452227	6188089	100.00%	11.301%
49	23.550	3490	3496	3510	rVB2	1355374	2709306	43.78%	4.948%
50	24.050	3577	3581	3592	rVB	288344	533383	8.62%	0.974%

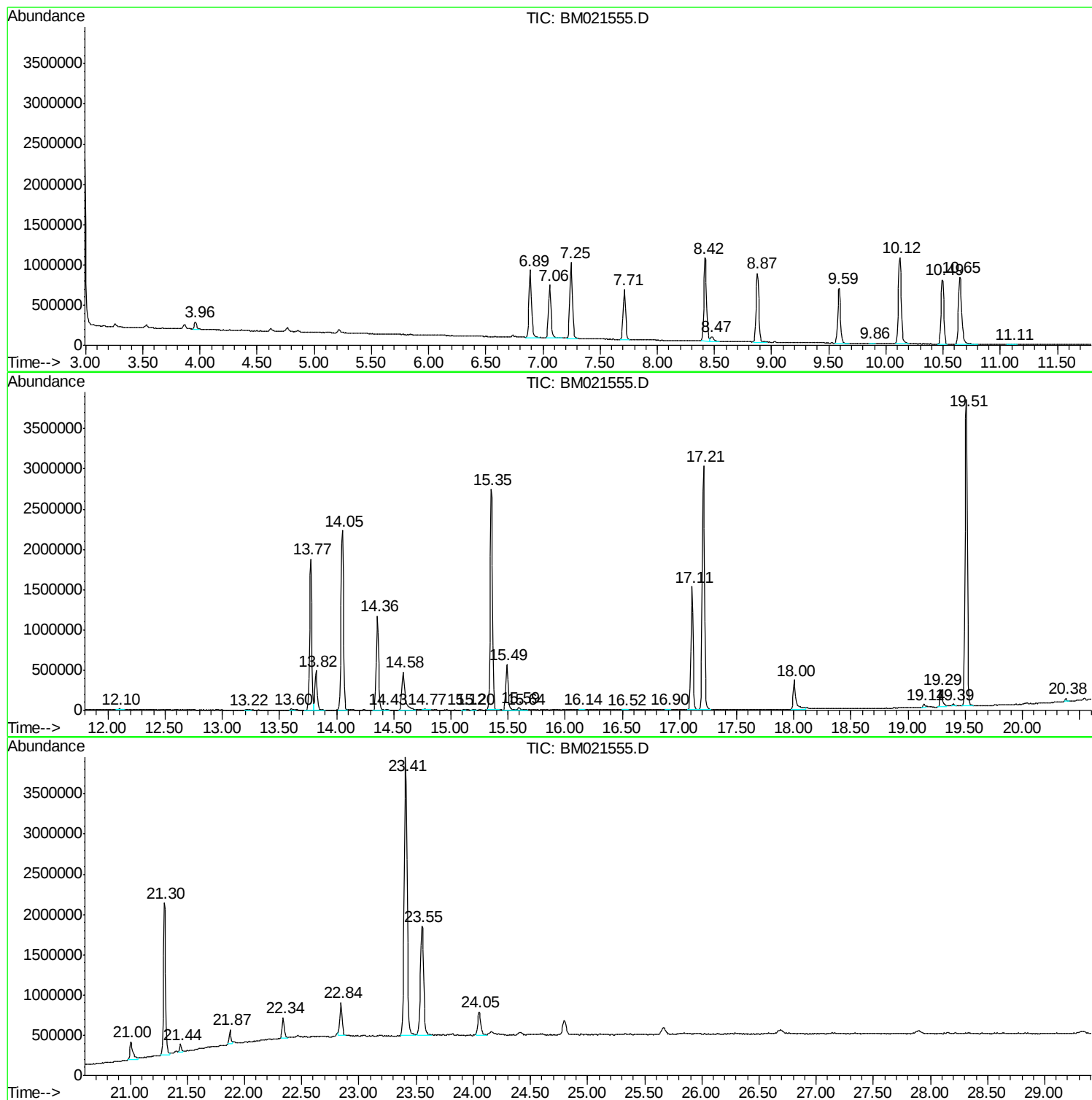
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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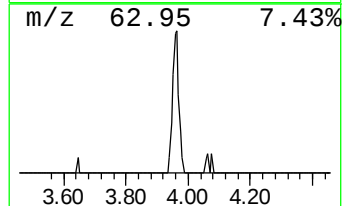
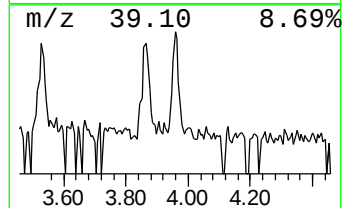
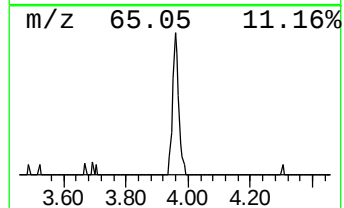
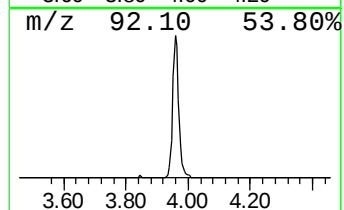
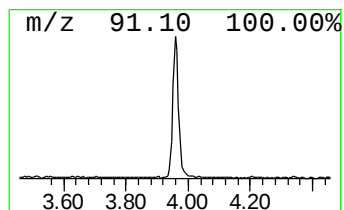
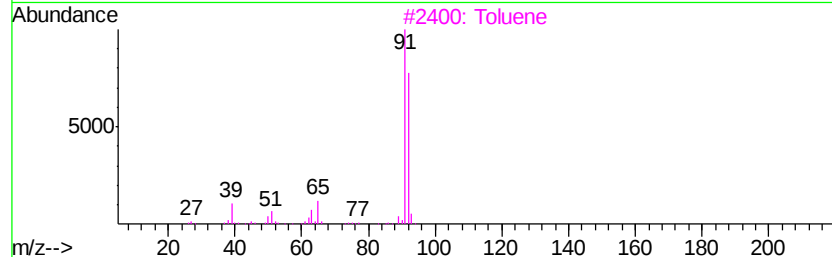
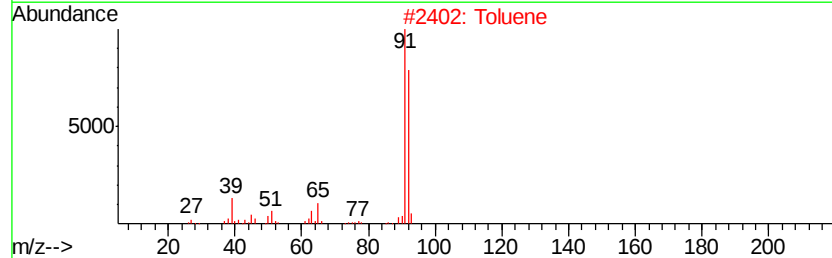
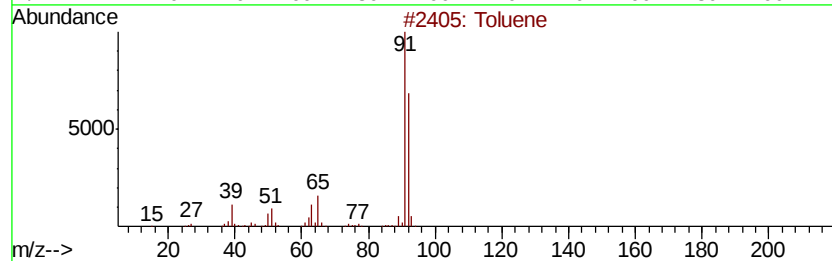
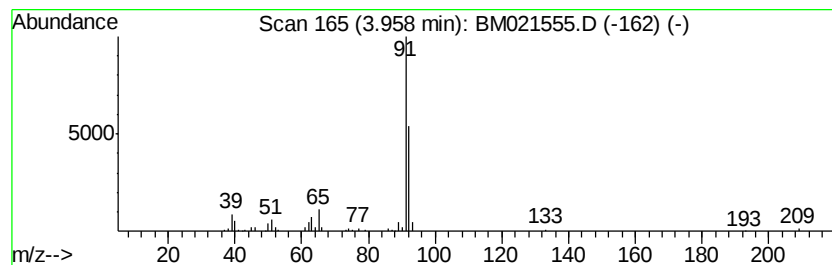
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	2.35 ng/ul	115811	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	93
2		Toluene	92	C7H8	000108-88-3	90
3		Toluene	92	C7H8	000108-88-3	90
4		Toluene	92	C7H8	000108-88-3	87
5		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80



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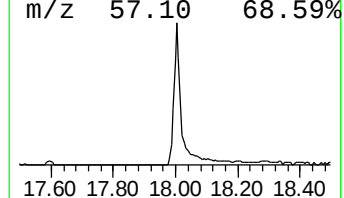
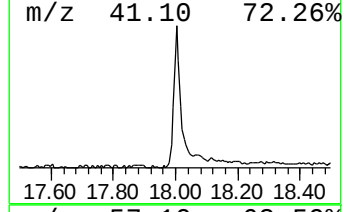
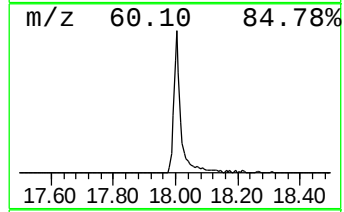
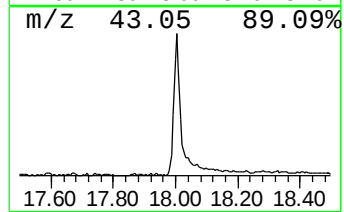
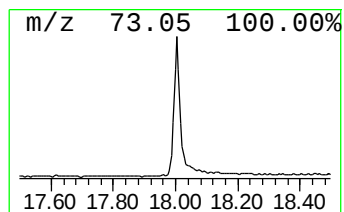
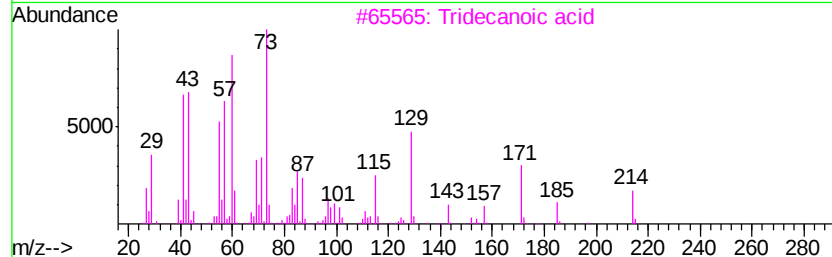
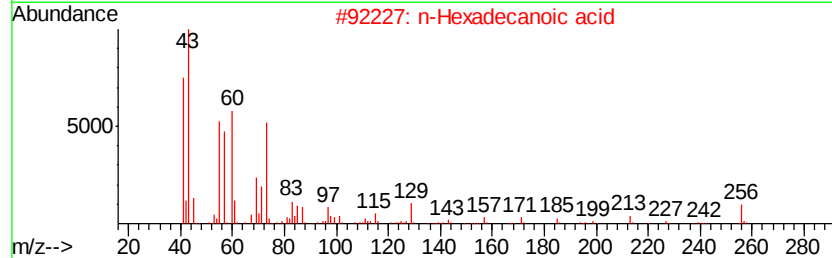
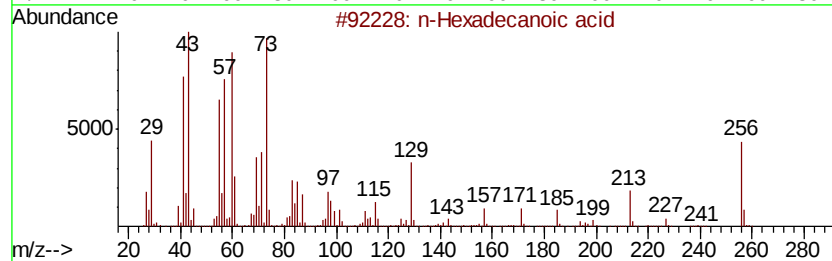
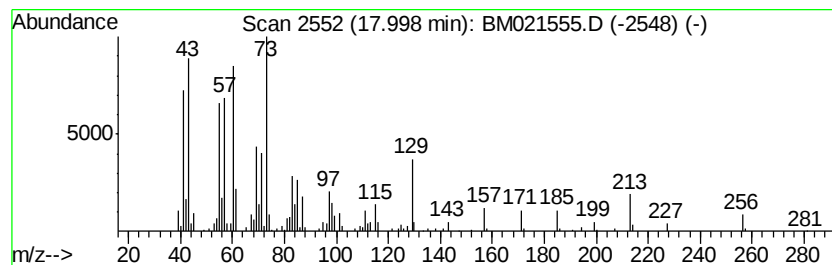
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	5.86 ng/ul	618191	Phenanthrene-d10	17.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76	



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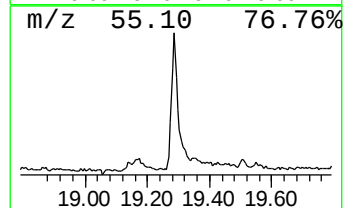
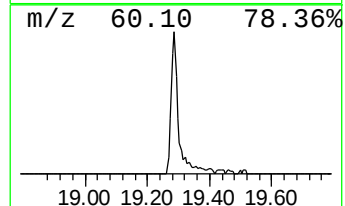
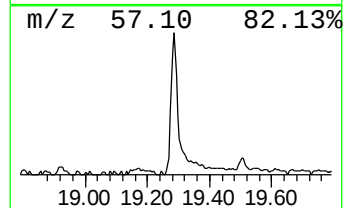
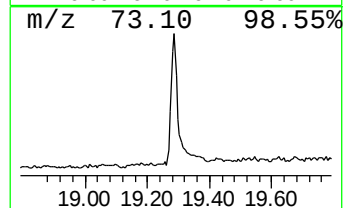
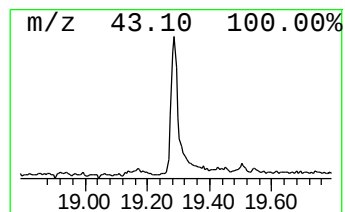
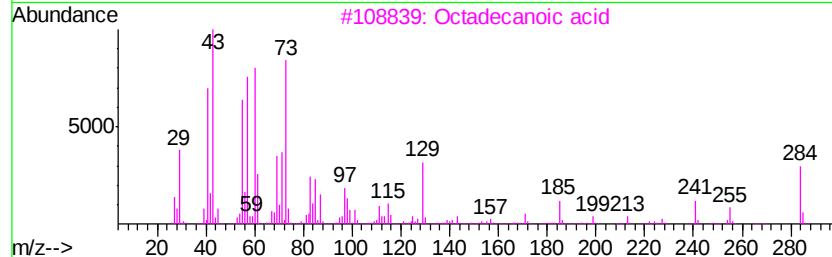
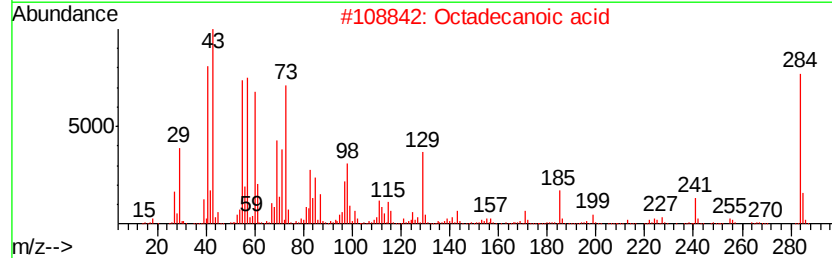
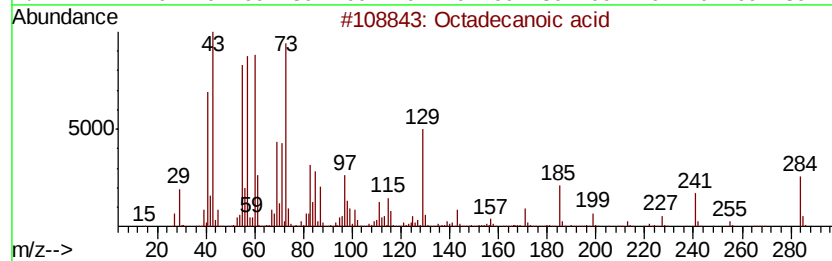
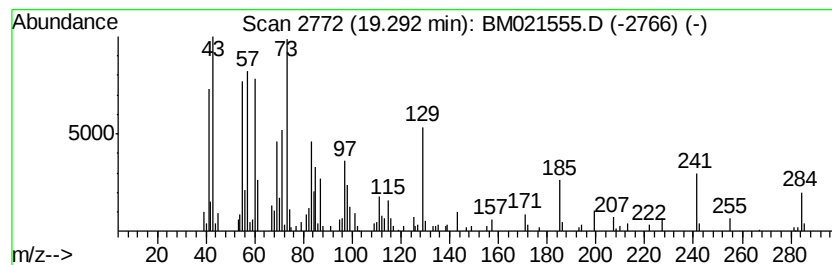
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.79 ng/ul	353905	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	87



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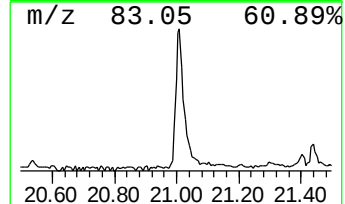
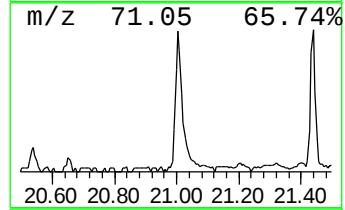
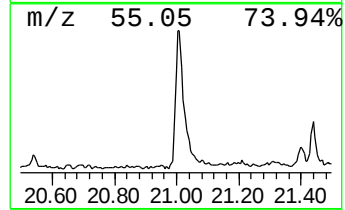
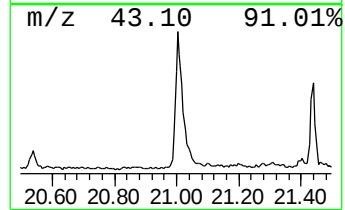
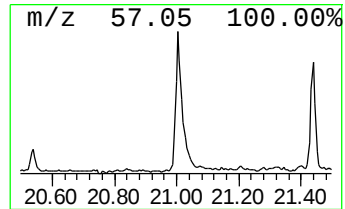
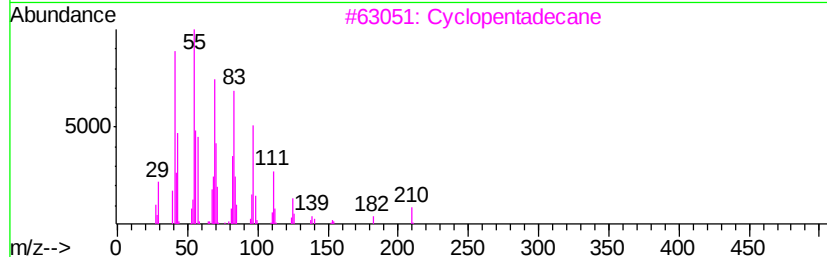
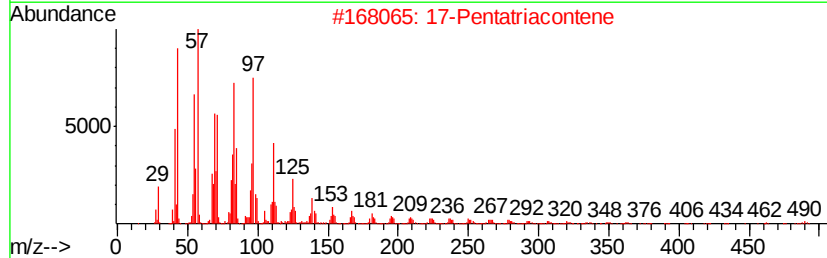
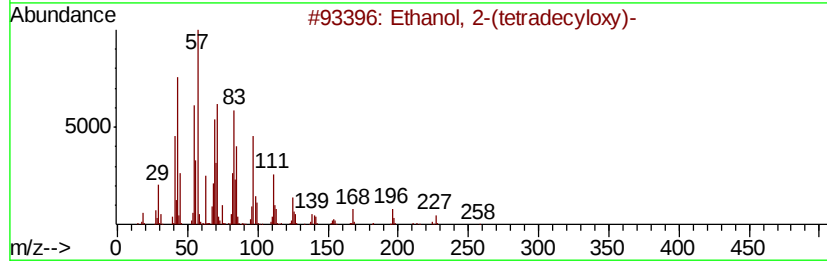
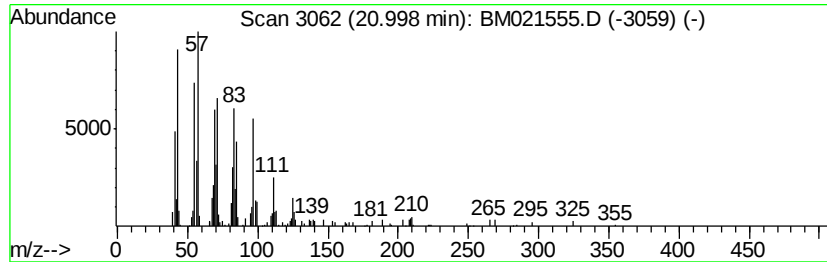
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.39 ng/ul	431350	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Cyclopentadecane	210	C15H30	000295-48-7	90
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81



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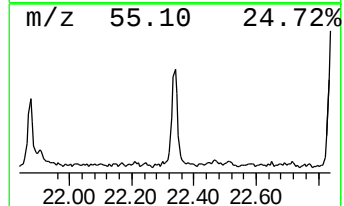
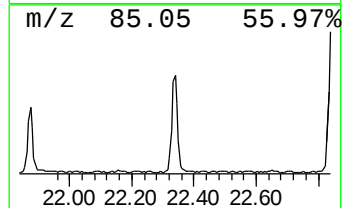
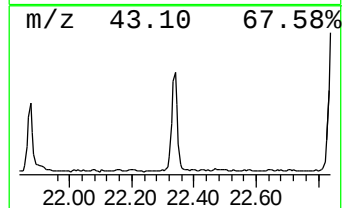
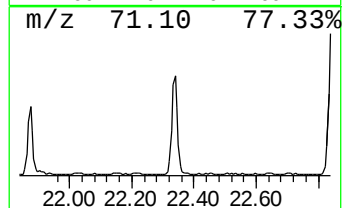
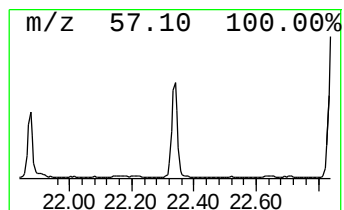
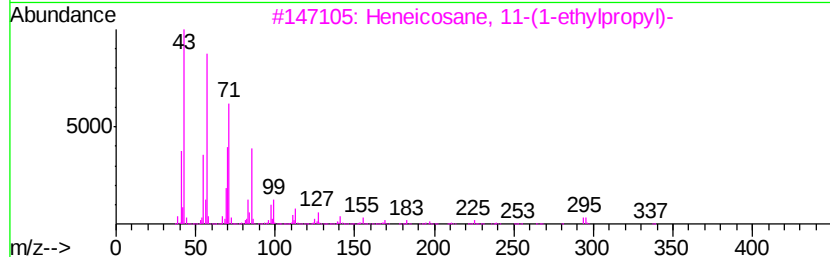
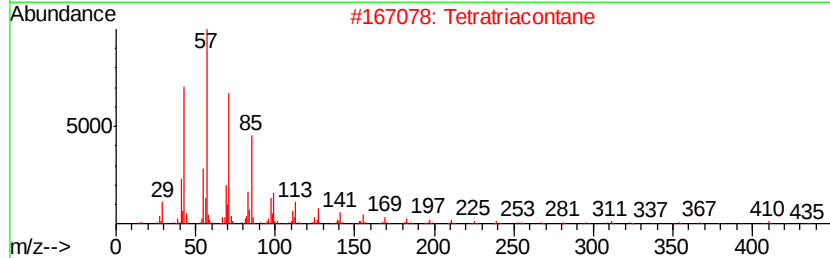
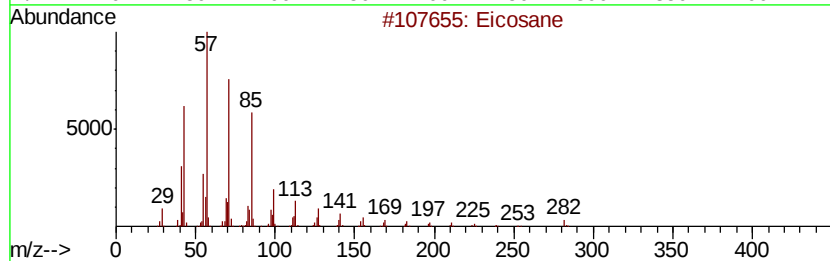
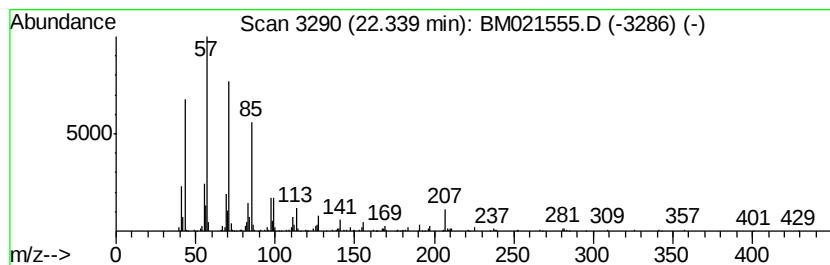
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.64 ng/ul	335820	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5		Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021555.D
Acq On : 19 Jul 2019 12:09
Operator : HP/JU
Sample : K3764-24
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H4

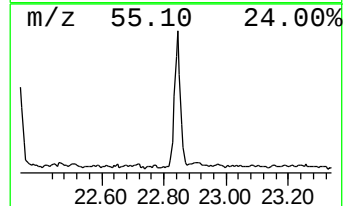
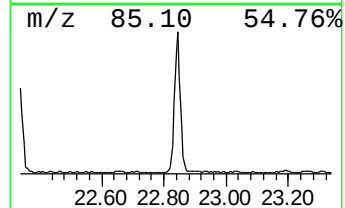
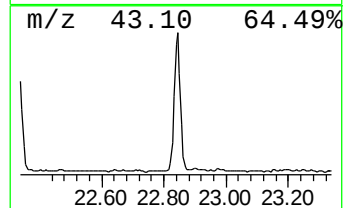
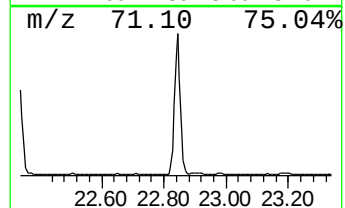
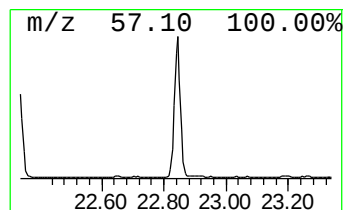
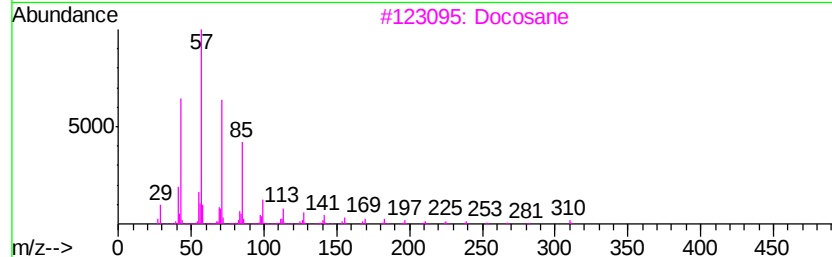
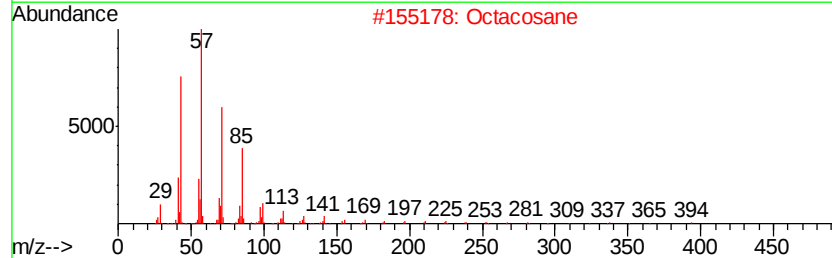
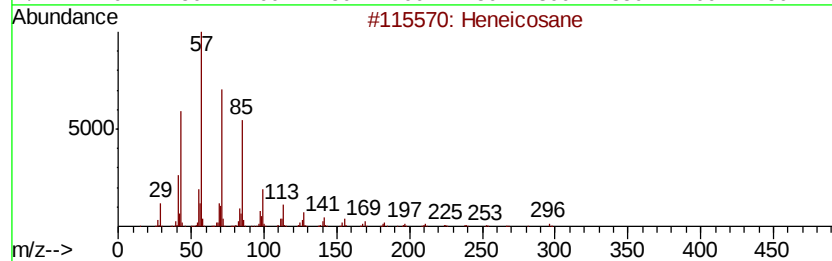
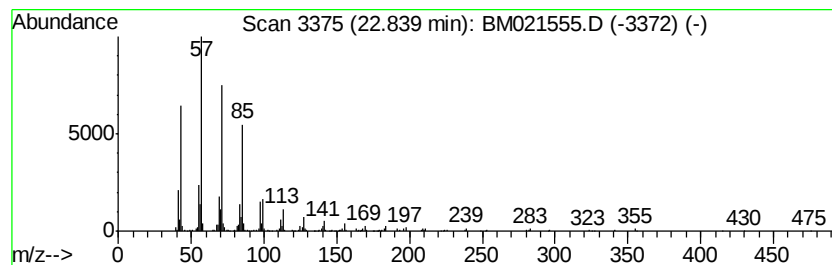
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	4.00 ng/ul	542059	Perylene-d12	23.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Docosane	310	C22H46	000629-97-0	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021555.D
Acq On : 19 Jul 2019 12:09
Operator : HP/JU
Sample : K3764-24
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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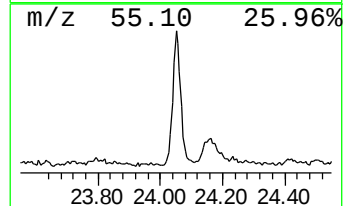
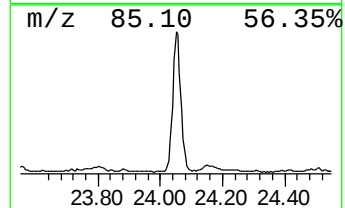
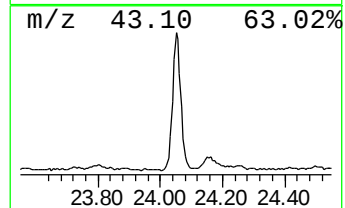
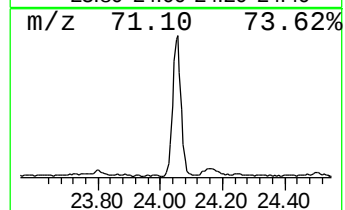
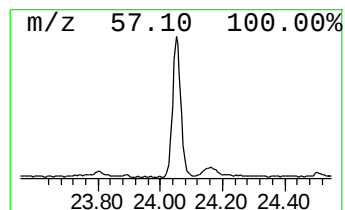
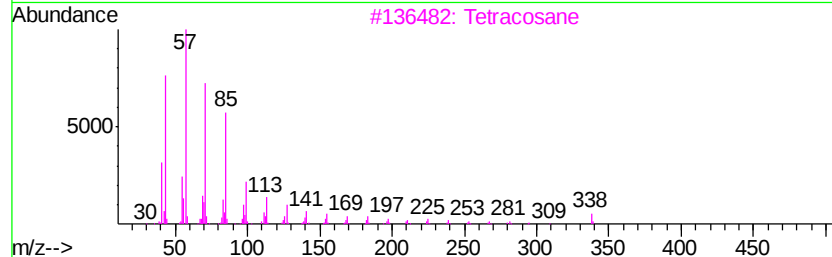
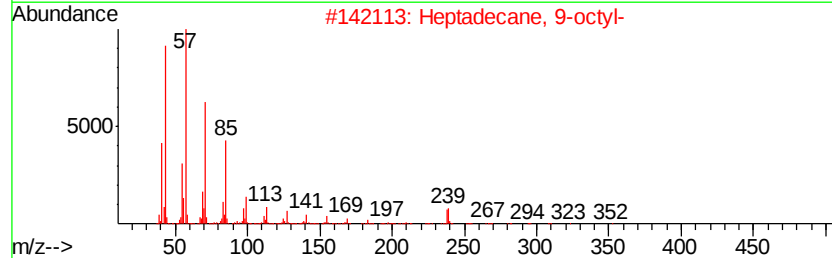
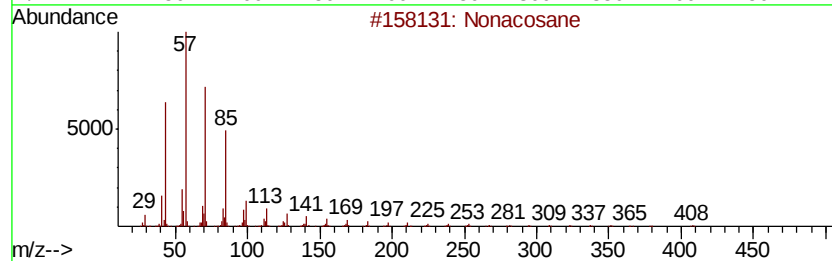
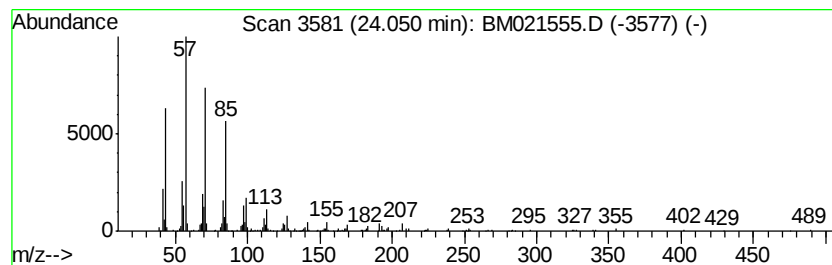
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	3.94 ng/ul	533383	Perylene-d12	23.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021555.D
Acq On : 19 Jul 2019 12:09
Operator : HP/JU
Sample : K3764-24
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Toluene	3.96	2.4	ng/ul	115811	1	7.71	984008	20.0
n-Hexadecanoic acid	18.00	5.9	ng/ul	618191	4	17.11	2109180	20.0
Octadecanoic acid	19.29	2.8	ng/ul	353905	5	21.30	2541420	20.0
Ethanol, 2-(tetra...	21.00	3.4	ng/ul	431350	5	21.30	2541420	20.0
(DEL) Alkane: Str...	22.34	2.6	ng/ul	335820	5	21.30	2541420	20.0
(DEL) Alkane: Str...	22.84	4.0	ng/ul	542059	6	23.55	2709310	20.0
(DEL) Alkane: Str...	24.05	3.9	ng/ul	533383	6	23.55	2709310	20.0