

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014953.D
 Acq On : 03 May 2018 21:21
 Operator : SJ/JU
 Sample : J2554-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG1

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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	3.334	4	8	15	rVV	2385473	3035682	38.85%	3.207%
2	3.393	15	18	27	rVB	86309	122039	1.56%	0.129%
3	3.640	56	60	72	rVB	71782	110414	1.41%	0.117%
4	4.228	155	160	167	rBV	124265	167767	2.15%	0.177%
5	4.710	237	242	250	rBV	89887	129881	1.66%	0.137%
6	5.075	299	304	309	rVB	53957	80815	1.03%	0.085%
7	5.169	313	320	329	rVB	510335	767651	9.83%	0.811%
8	5.481	366	373	381	rVB2	90542	152385	1.95%	0.161%
9	5.822	425	431	440	rBV	248174	357992	4.58%	0.378%
10	7.616	728	736	753	rBV	1588655	2722052	34.84%	2.875%
11	7.793	759	766	779	rBV	1141792	1852165	23.71%	1.957%
12	8.010	795	803	811	rBV	1542853	2504463	32.05%	2.646%
13	8.492	877	885	898	rVB	1471694	2398382	30.70%	2.534%
14	8.981	959	968	973	rBV	142097	227917	2.92%	0.241%
15	9.075	979	984	990	rVB	62007	92883	1.19%	0.098%
16	9.192	996	1004	1013	rBV	1507687	2517120	32.22%	2.659%
17	9.675	1079	1086	1095	rBV	1409481	2567711	32.86%	2.712%
18	9.792	1101	1106	1117	rVB	51957	108612	1.39%	0.115%
19	10.404	1203	1210	1226	rBV	1142118	1960665	25.09%	2.071%
20	10.939	1294	1301	1313	rBV	1782613	3030222	38.78%	3.201%
21	11.333	1360	1368	1377	rBV	1881195	3211221	41.10%	3.392%
22	11.457	1382	1389	1408	rBV	1343617	2404560	30.78%	2.540%
23	12.810	1608	1619	1627	rBV	335198	524555	6.71%	0.554%
24	14.486	1896	1904	1909	rBV	3064745	4305983	55.11%	4.549%
25	14.533	1909	1912	1918	rVB	604297	795382	10.18%	0.840%
26	14.798	1950	1957	1971	rBV	3612744	5246436	67.15%	5.542%
27	14.945	1975	1982	1988	rVB	100674	138603	1.77%	0.146%
28	15.098	2000	2008	2016	rBV2	2328959	3604743	46.14%	3.808%
29	15.257	2028	2035	2053	rBV	1407911	2216147	28.36%	2.341%
30	15.886	2138	2142	2148	rVB	141150	176787	2.26%	0.187%
31	16.074	2167	2174	2181	rBV	4409136	6360126	81.40%	6.718%
32	16.174	2186	2191	2202	rVV	1299435	1809466	23.16%	1.911%
33	16.310	2203	2214	2220	rVB3	57306	160920	2.06%	0.170%
34	16.739	2281	2287	2296	rBV	111986	203598	2.61%	0.215%

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35	17.521	2415	2420	2424	rBV	72885	105858	1.35%	0.112%
36	17.810	2463	2469	2474	rBV	2632592	3814388	48.82%	4.029%
37	17.851	2474	2476	2480	rVV	267303	332057	4.25%	0.351%
38	17.910	2480	2486	2498	rVB	4359546	6473856	82.86%	6.839%
39	18.639	2605	2610	2620	rBV	1013069	1514290	19.38%	1.600%
40	18.715	2620	2623	2627	rVB2	49538	79918	1.02%	0.084%
41	19.539	2760	2763	2771	rBV4	35617	88154	1.13%	0.093%
42	19.815	2806	2810	2816	rVB	605296	810243	10.37%	0.856%
43	19.880	2816	2821	2831	rBV	560562	803088	10.28%	0.848%
44	20.039	2845	2848	2855	rVB2	61578	94463	1.21%	0.100%
45	20.151	2860	2867	2877	rBV	5091995	7813238	100.00%	8.253%
46	21.556	3102	3106	3114	rVB2	1021076	1414043	18.10%	1.494%
47	21.898	3158	3164	3169	rBV2	3001071	4304653	55.09%	4.547%
48	23.609	3451	3455	3462	rBV2	291647	602794	7.72%	0.637%
49	24.215	3552	3558	3565	rVB	3328228	6499898	83.19%	6.866%
50	24.374	3579	3585	3594	rBV2	1885649	3850006	49.28%	4.067%

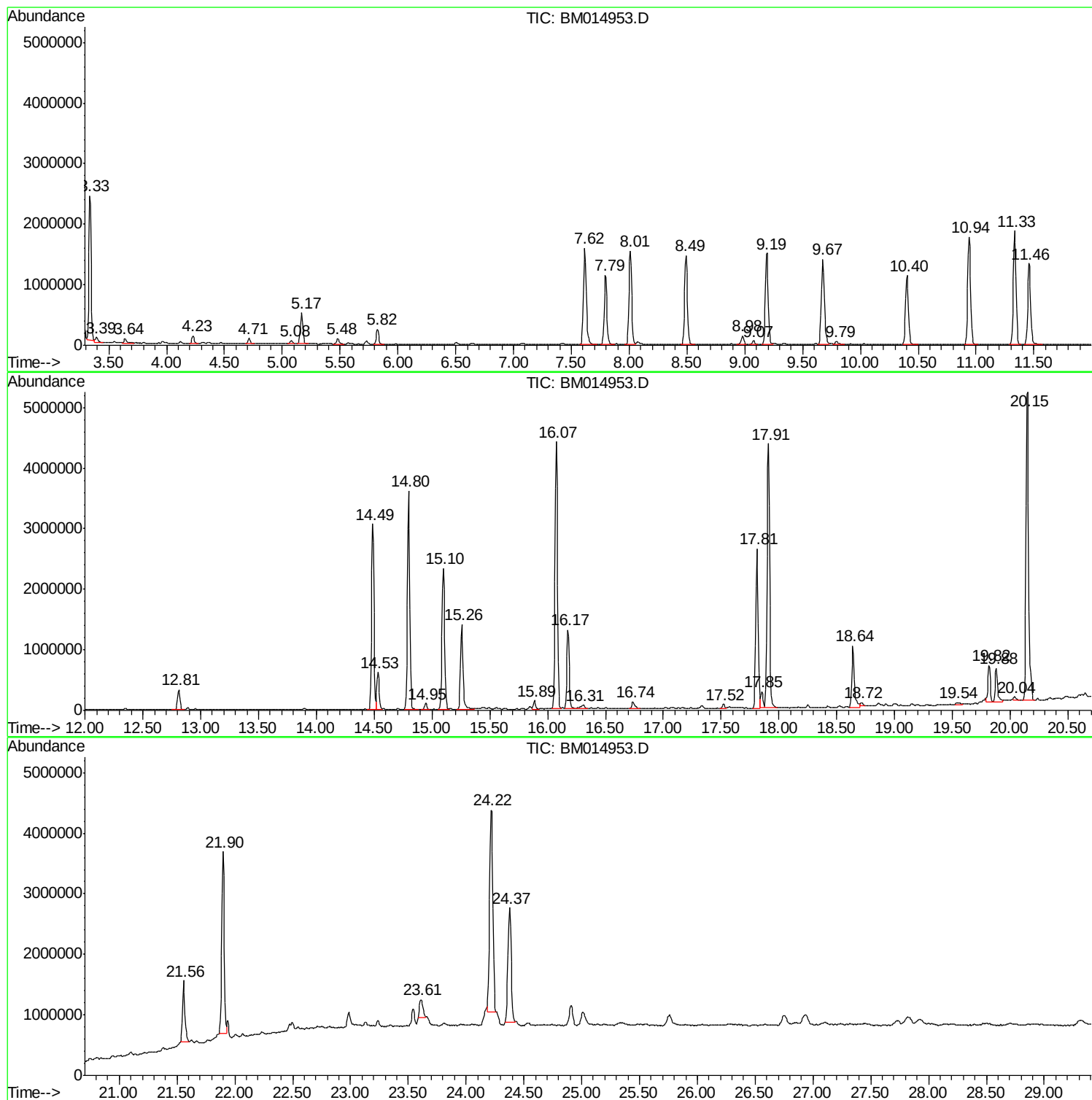
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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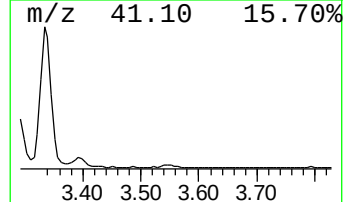
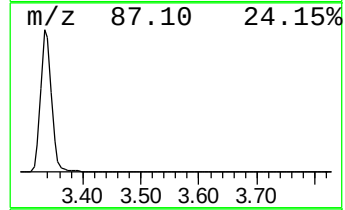
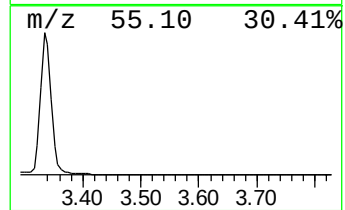
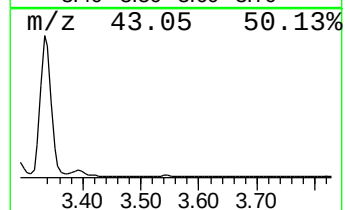
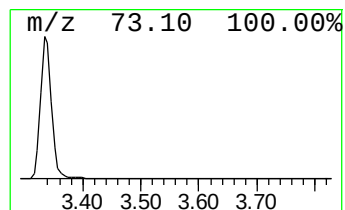
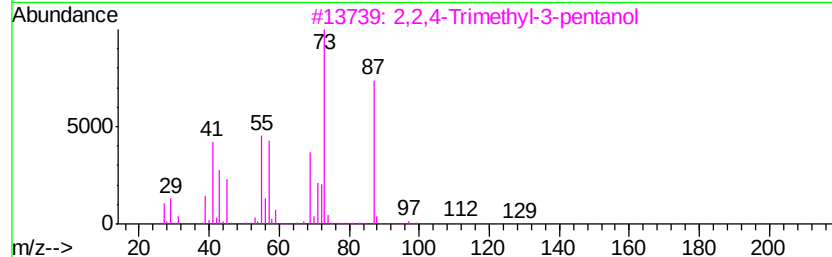
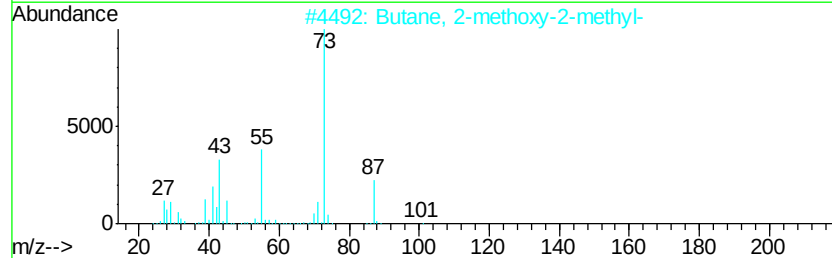
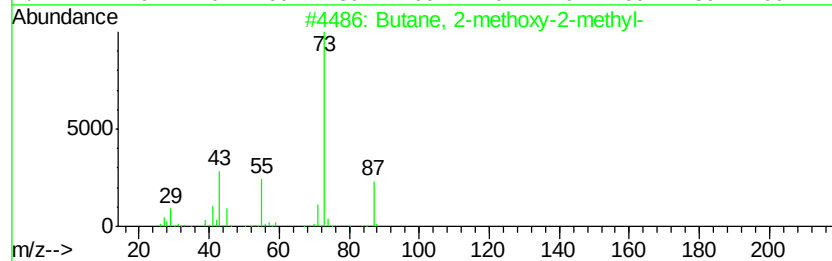
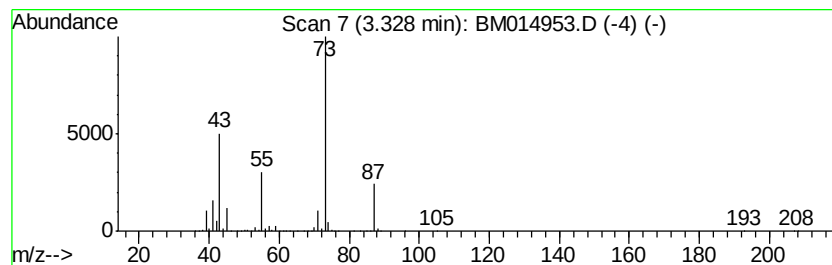
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	25.31 ng/ul	3035680	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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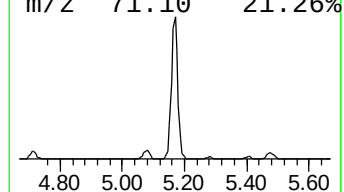
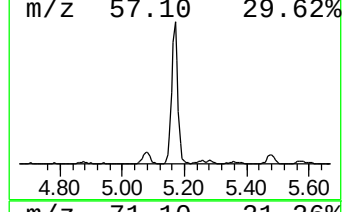
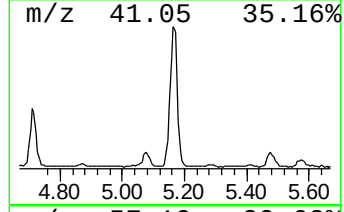
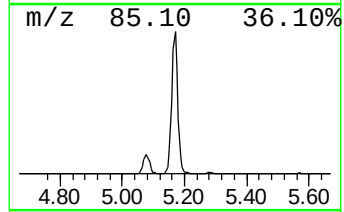
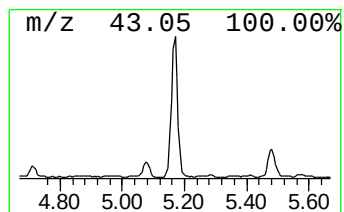
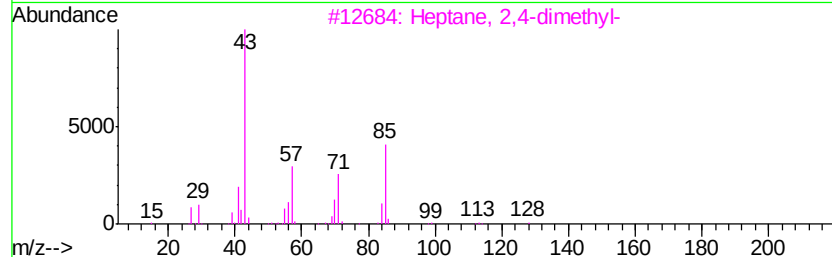
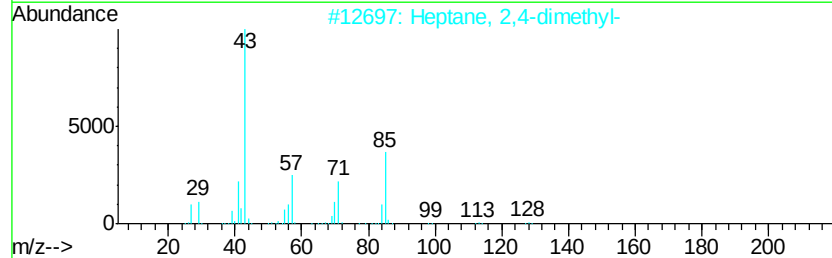
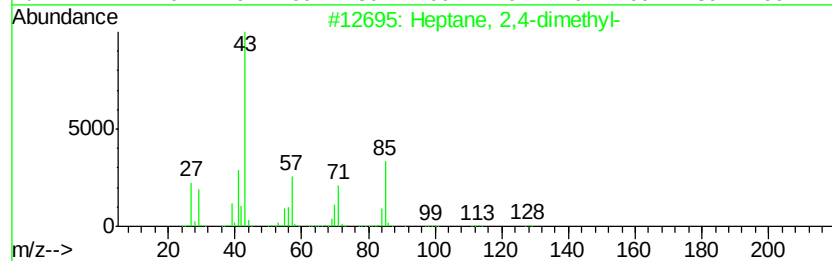
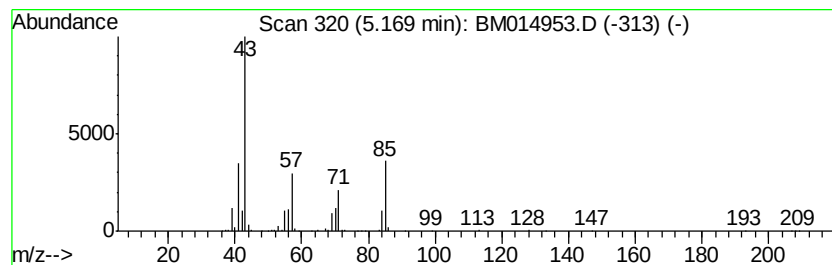
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	6.40 ng/ul	767651	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	90
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	90
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	90
4		Octane	114	C8H18	000111-65-9	72
5		Octane, 4-methyl-	128	C9H20	002216-34-4	72



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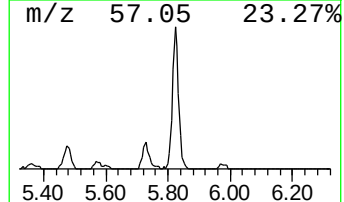
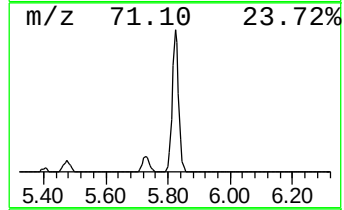
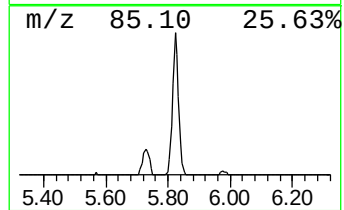
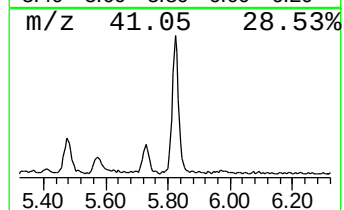
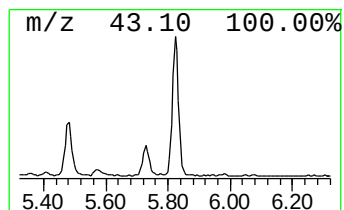
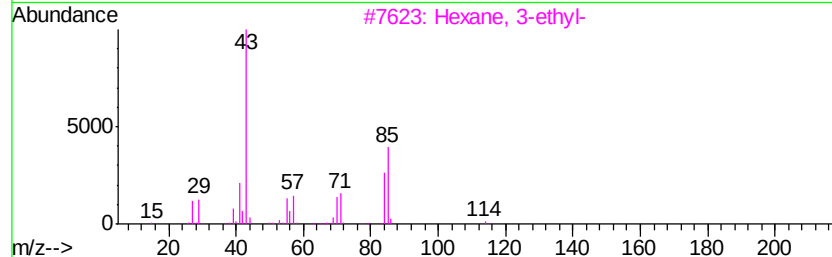
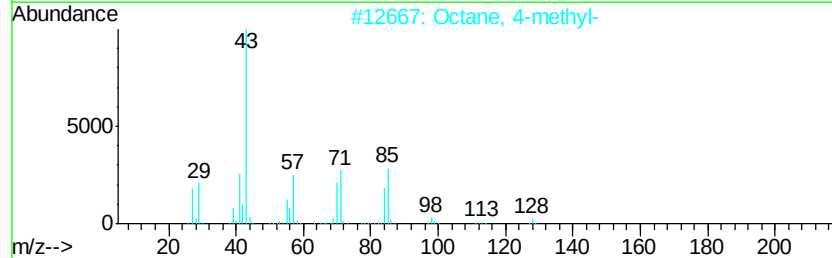
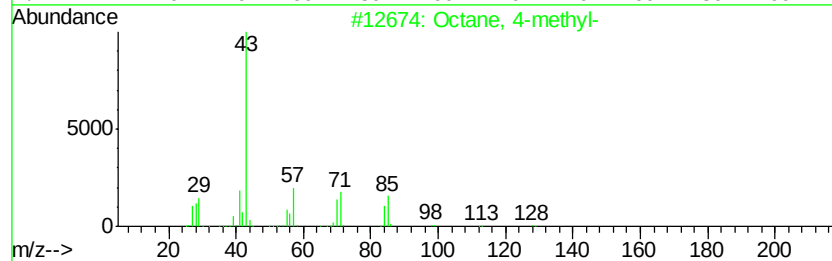
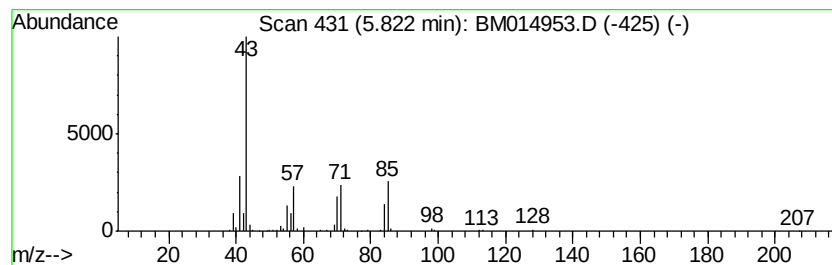
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	2.99 ng/ul	357992	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	87
2		Octane, 4-methyl-	128	C9H20	002216-34-4	83
3		Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72
5		Dodecane, 5-methyl-	184	C13H28	017453-93-9	64



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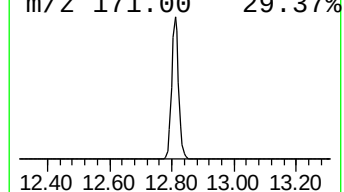
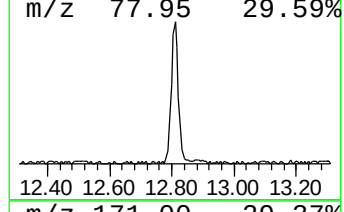
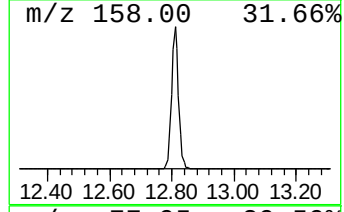
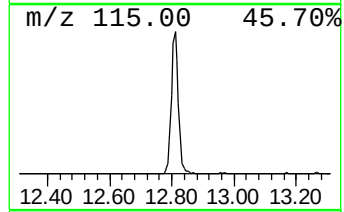
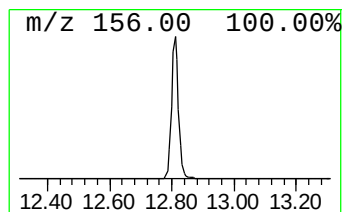
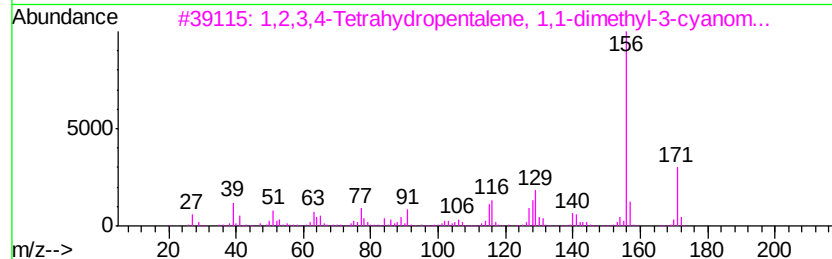
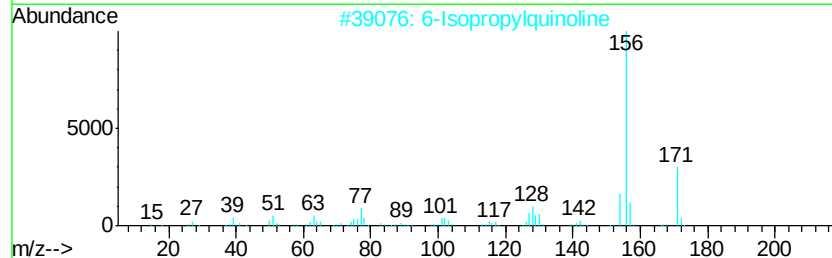
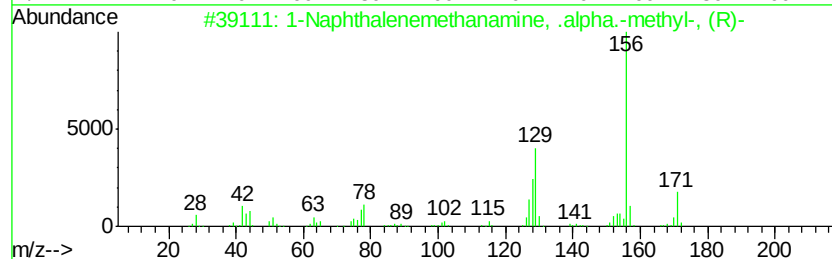
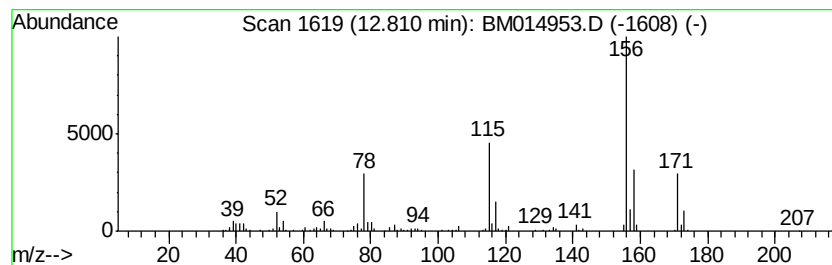
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Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	3.27 ng/ul	524555	Naphthalene-d8	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	43
2		6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3		1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
4		Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
5		Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	32



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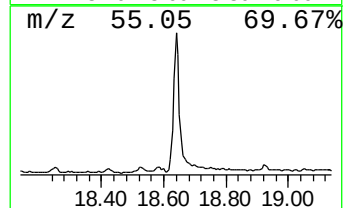
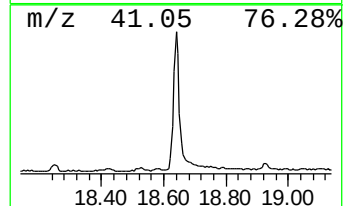
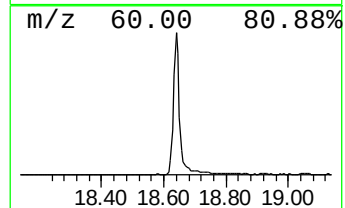
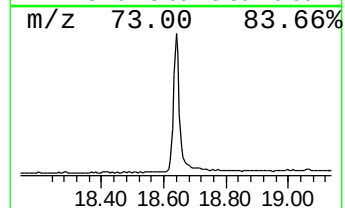
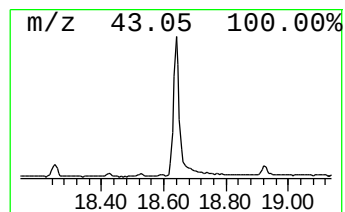
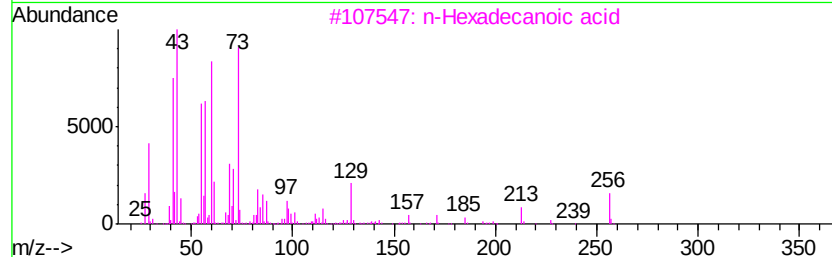
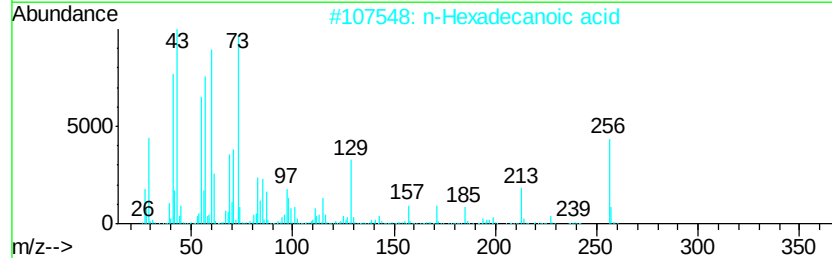
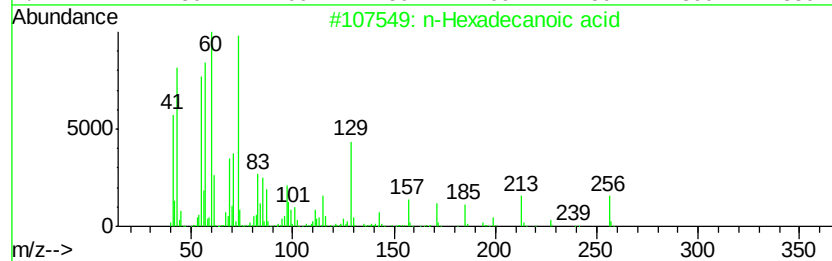
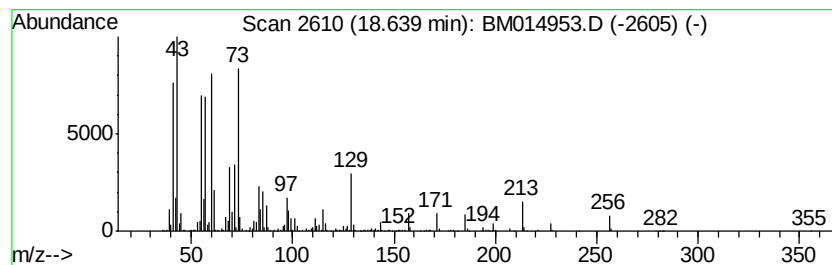
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.64	7.94 ng/ul	1514290	Phenanthrene-d10		17.81

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	94
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014953.D
Acq On : 03 May 2018 21:21
Operator : SJ/JU
Sample : J2554-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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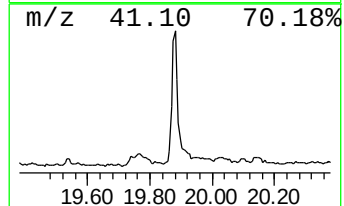
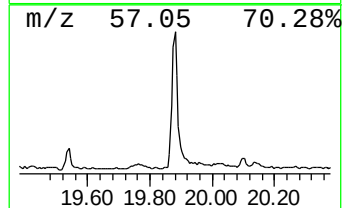
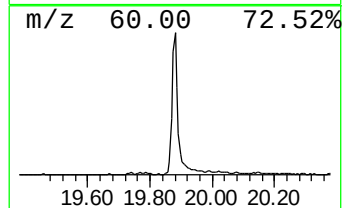
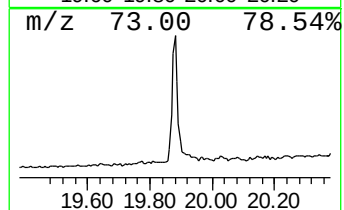
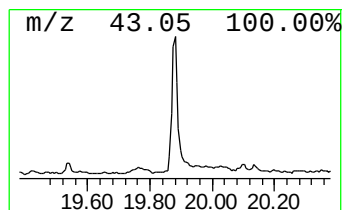
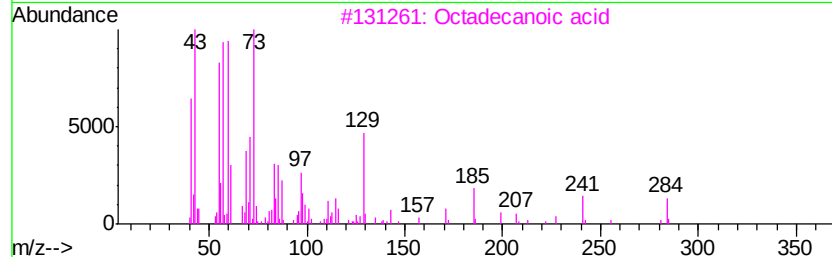
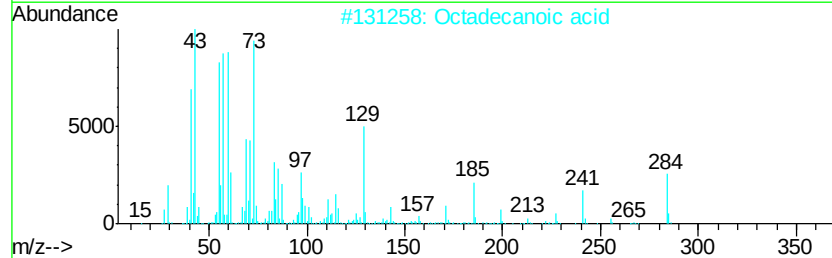
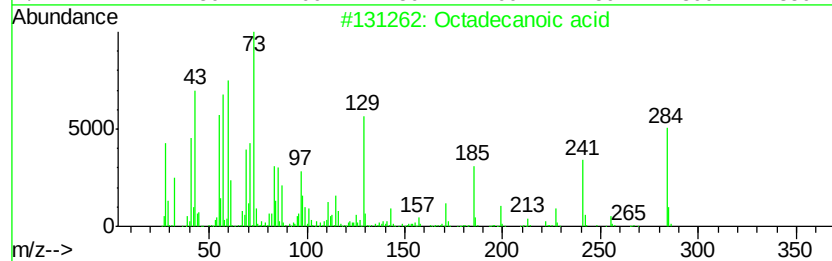
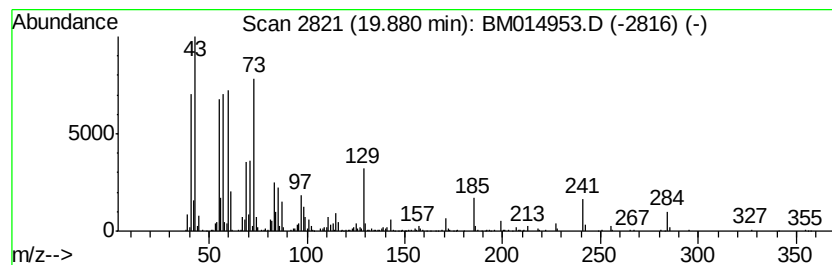
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.88	3.73 ng/ul	803088	Chrysene-d12		21.90

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	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	95
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014953.D
Acq On : 03 May 2018 21:21
Operator : SJ/JU
Sample : J2554-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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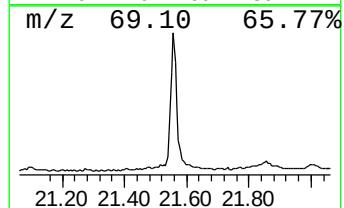
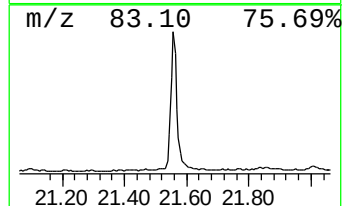
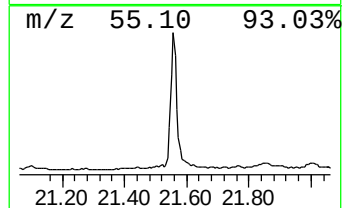
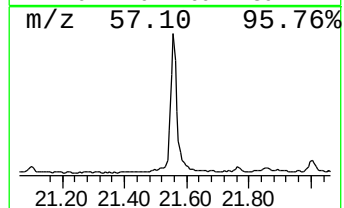
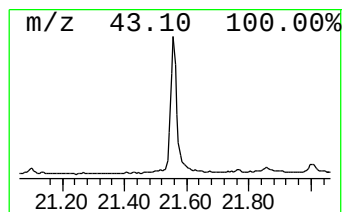
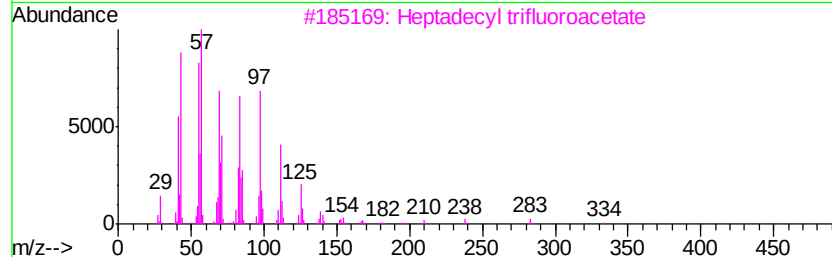
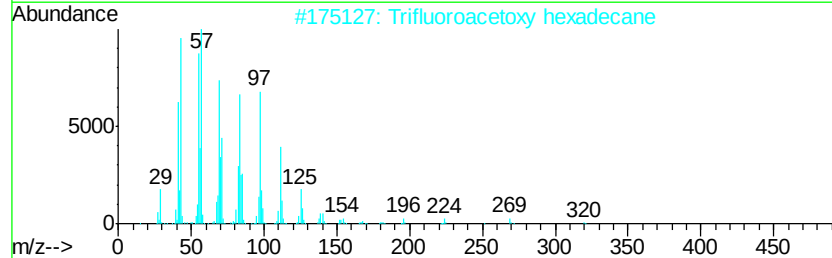
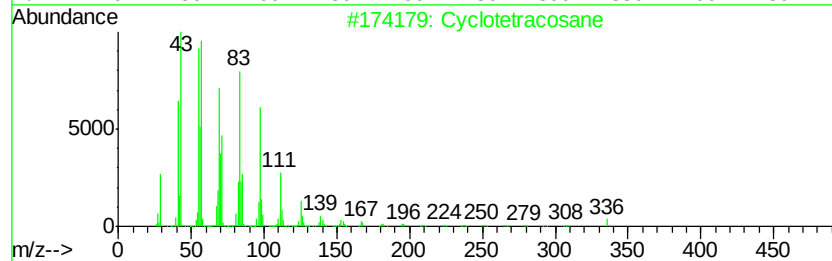
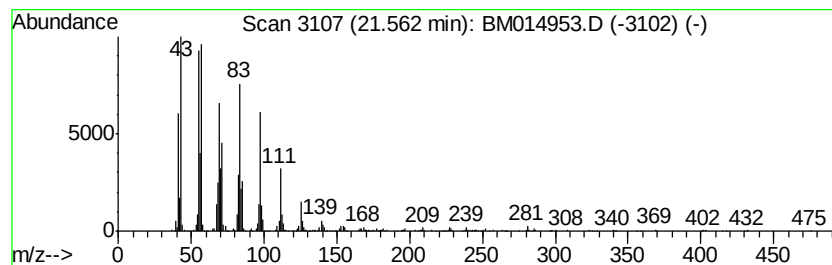
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	6.57 ng/ul	1414040	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		1-Docosene	308	C22H44	001599-67-3	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050318\
Data File : BM014953.D
Acq On : 03 May 2018 21:21
Operator : SJ/JU
Sample : J2554-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Butane, 2-methoxy...	3.33	25.3	ng/ul	3035680	1	8.49	2398380	20.0
(DEL) Alkane: Str...	5.17	6.4	ng/ul	767651	1	8.49	2398380	20.0
(DEL) Alkane: Str...	5.82	3.0	ng/ul	357992	1	8.49	2398380	20.0
unknown-01	12.81	3.3	ng/ul	524555	2	11.33	3211220	20.0
n-Hexadecanoic acid	18.64	7.9	ng/ul	1514290	4	17.81	3814390	20.0
Octadecanoic acid	19.88	3.7	ng/ul	803088	5	21.90	4304650	20.0
(DEL) Alkane: Cyc...	21.56	6.6	ng/ul	1414040	5	21.90	4304650	20.0