

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044772.D
 Acq On : 13 Mar 2020 18:16
 Operator : CG/JU
 Sample : L1912-29
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-6

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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_G\METHODS\8270-BG031020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	6	11	21	rVV2	75608	180768	3.25%	0.545%
2	3.234	21	25	32	rVB	52225	85785	1.54%	0.259%
3	5.620	424	431	441	rBV	1627692	2768161	49.83%	8.343%
4	7.206	692	701	710	rBV	1701989	3060160	55.09%	9.223%
5	8.052	836	845	853	rBV	396450	714615	12.86%	2.154%
6	8.381	891	901	909	rBV	1331412	2340811	42.14%	7.055%
7	9.210	1033	1042	1053	rBV	1076333	1996504	35.94%	6.017%
8	10.861	1314	1323	1331	rBV	563255	1044288	18.80%	3.147%
9	13.311	1733	1740	1750	rBV	2767921	4475407	80.56%	13.489%
10	14.133	1873	1880	1886	rBV	215385	335460	6.04%	1.011%
11	14.686	1966	1974	1982	rBV	920074	1482532	26.69%	4.468%
12	16.172	2220	2227	2237	rBV	2270693	3525488	63.46%	10.626%
13	17.429	2434	2441	2448	rBV	1095154	1695598	30.52%	5.110%
14	18.328	2588	2594	2600	rBV2	123483	190580	3.43%	0.574%
15	20.044	2880	2886	2892	rBV	4329117	5555150	100.00%	16.743%
16	21.366	3107	3111	3120	rBV	232517	374841	6.75%	1.130%
17	21.701	3162	3168	3175	rVB2	898895	1533881	27.61%	4.623%
18	21.930	3205	3207	3211	rVB2	58253	71347	1.28%	0.215%
19	23.258	3429	3433	3443	rVB2	94845	200468	3.61%	0.604%
20	24.921	3708	3716	3727	rVB2	542232	1547338	27.85%	4.664%

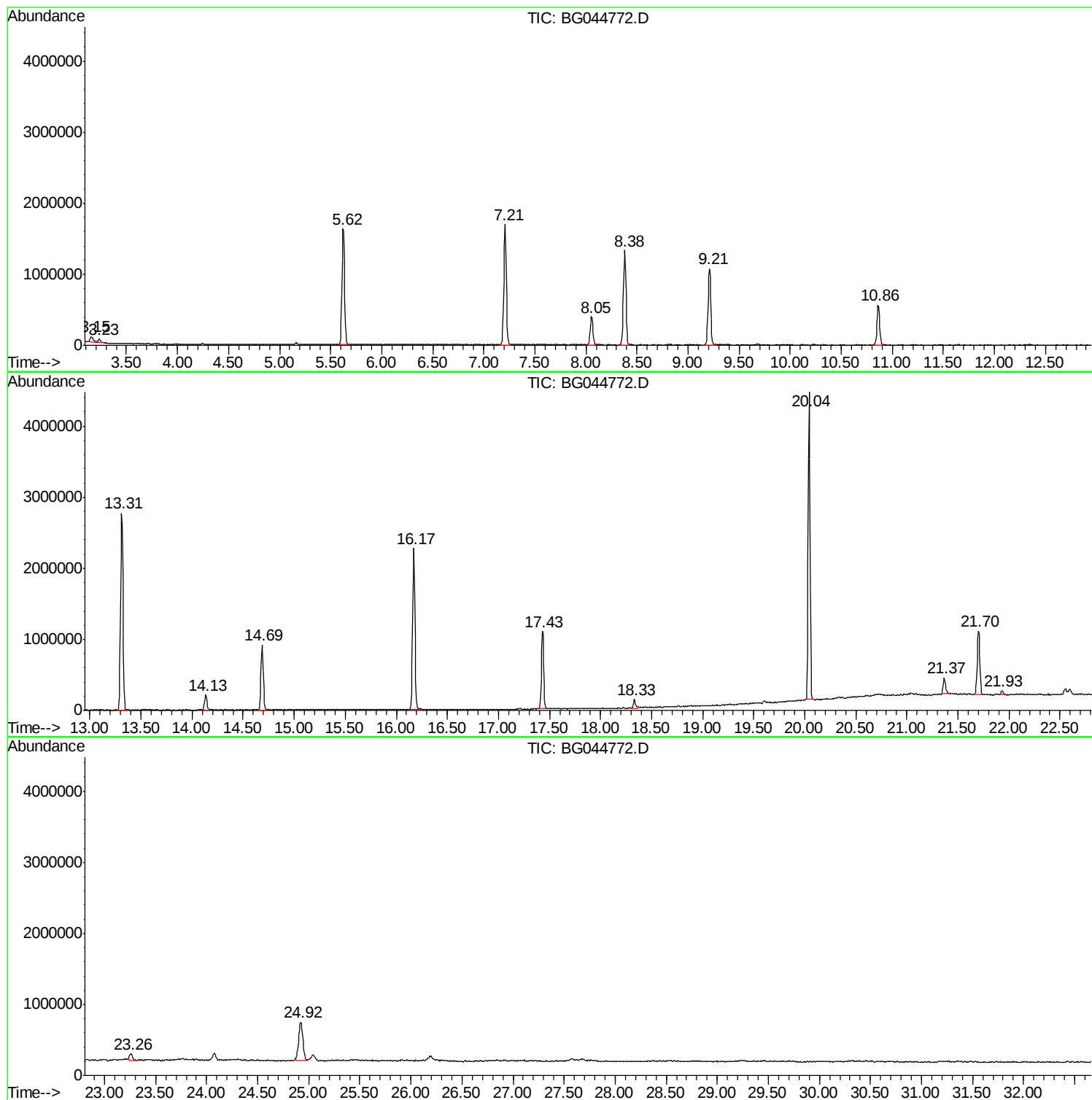
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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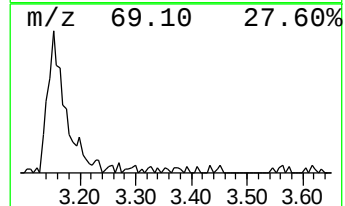
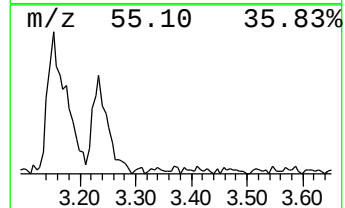
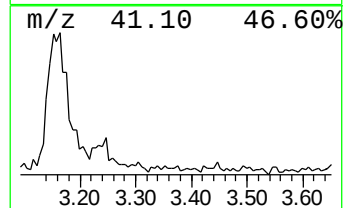
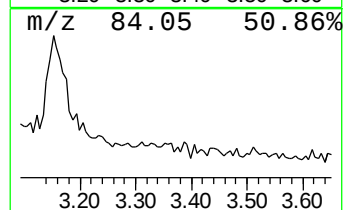
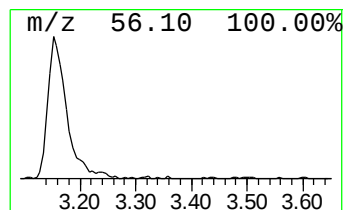
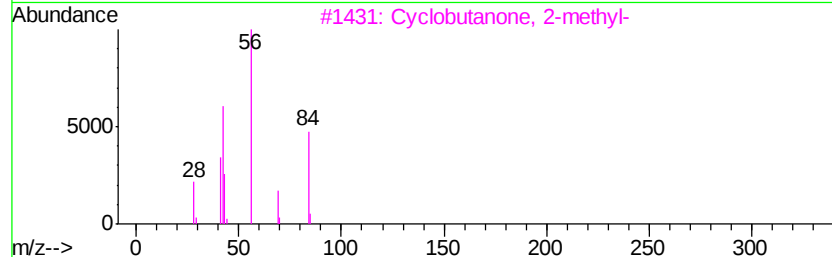
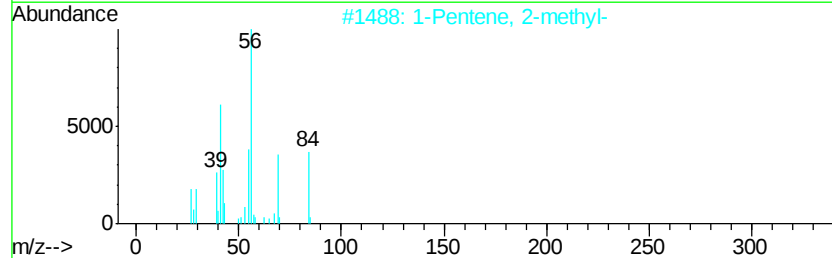
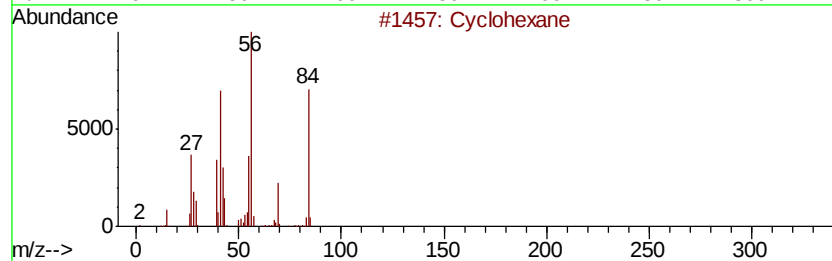
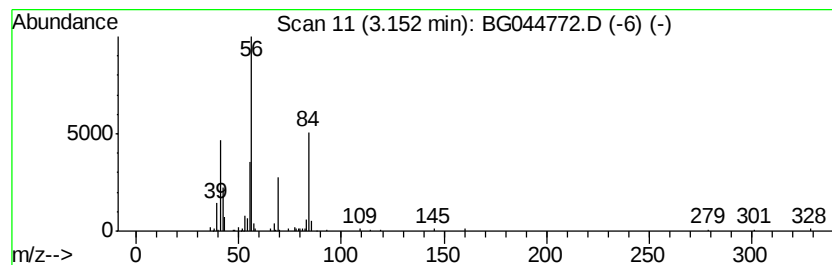
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TIC Library : C:\Database\NIST11.L
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Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	5.06 ng	180768	1,4-Dichlorobenzene-d4	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	90
2			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
3			Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	45
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	45
5			1-Butanol	74	C4H10O	000071-36-3	38



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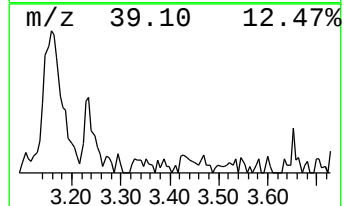
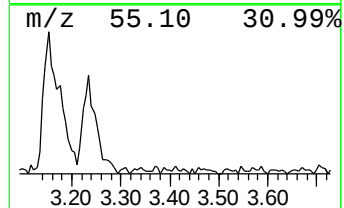
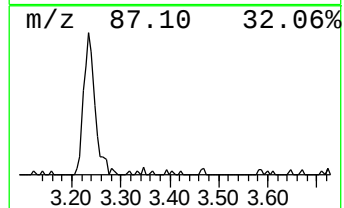
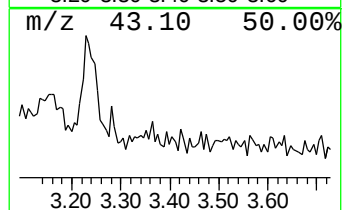
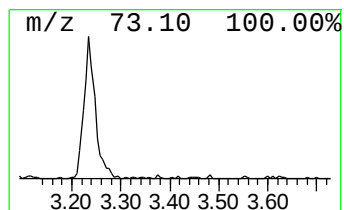
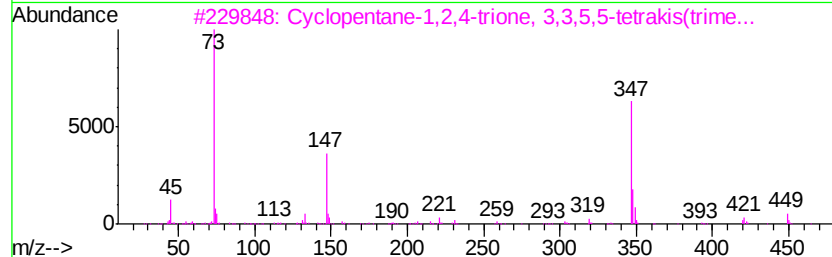
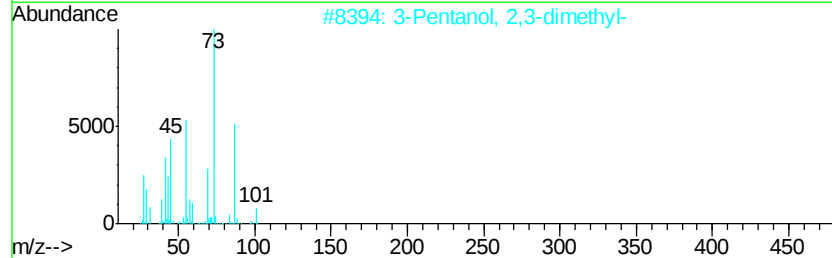
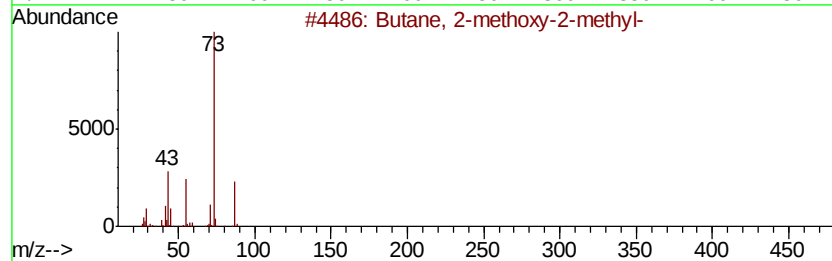
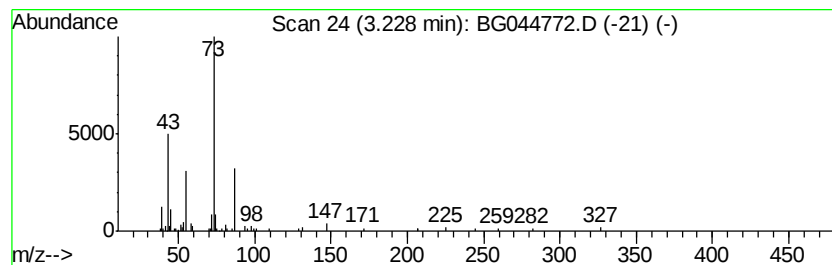
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Peak Number 2 unknown3.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	2.40 ng	85785	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
2		3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	9
3		Cyclopentane-1,2,4-trione, 3,3,5...	464	C17H36O7Si4	1000159-69-6	9
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9



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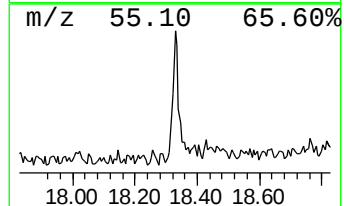
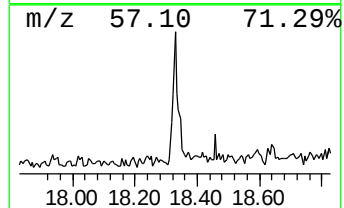
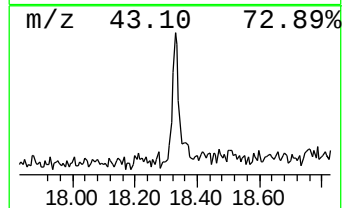
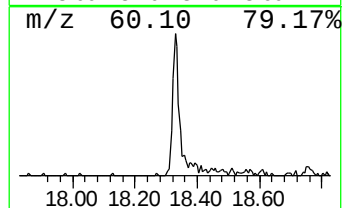
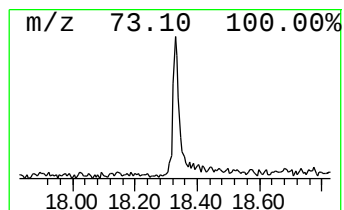
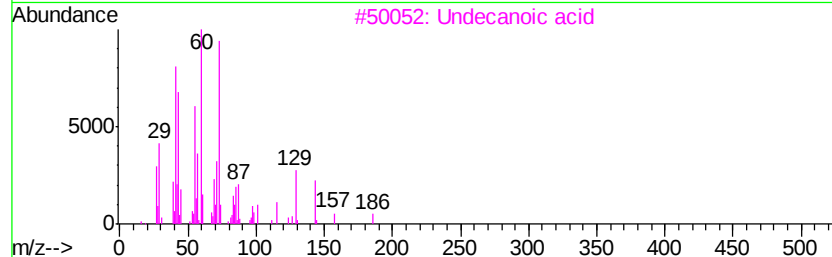
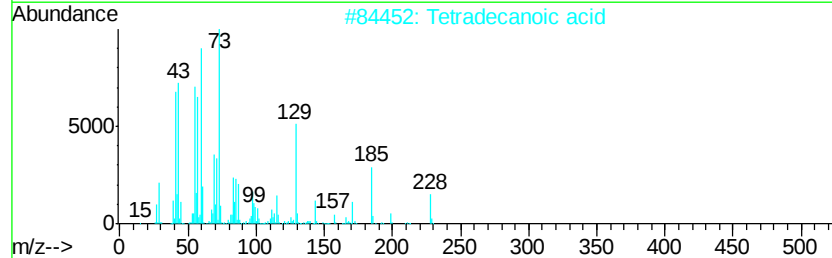
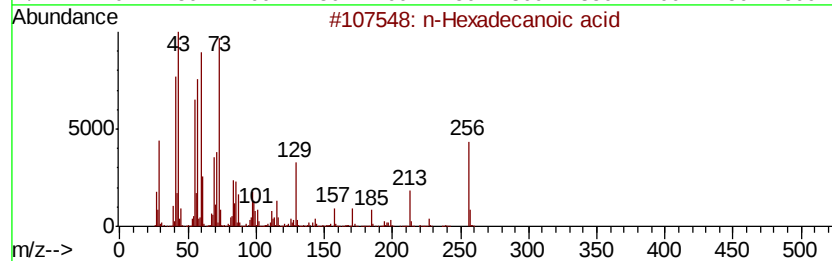
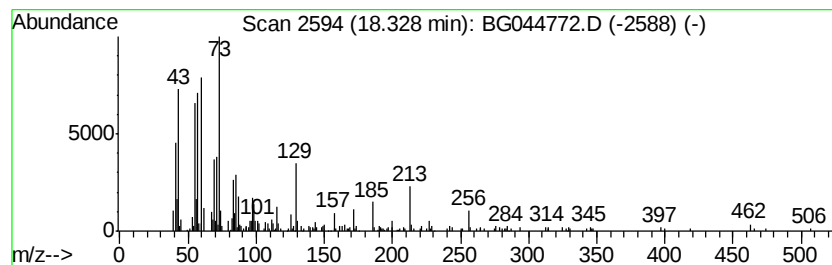
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.25 ng	190580	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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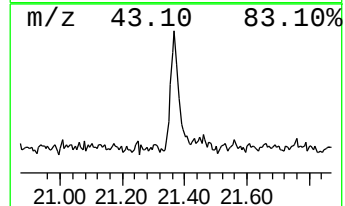
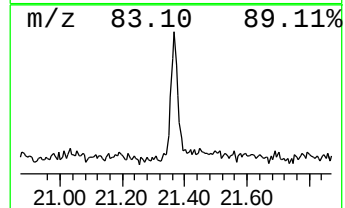
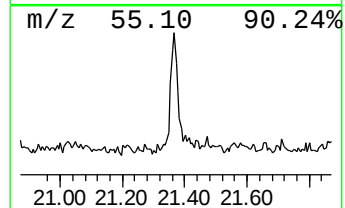
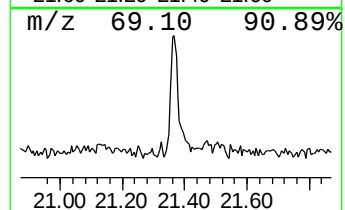
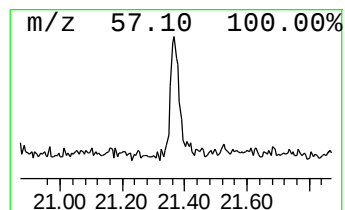
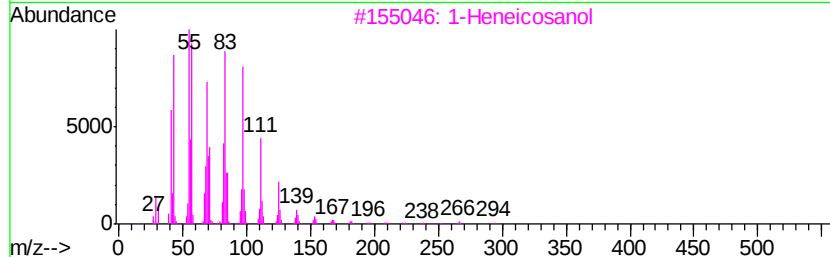
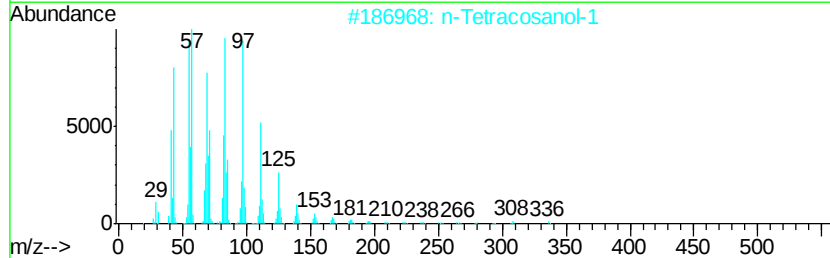
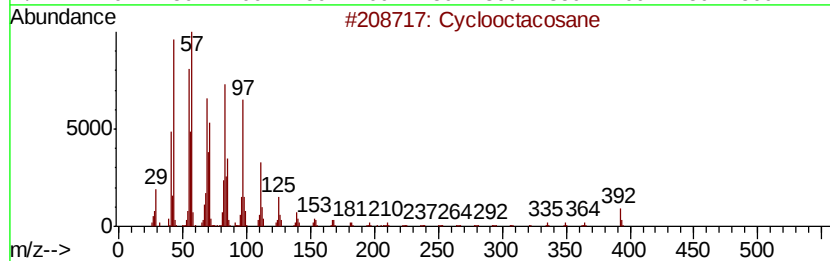
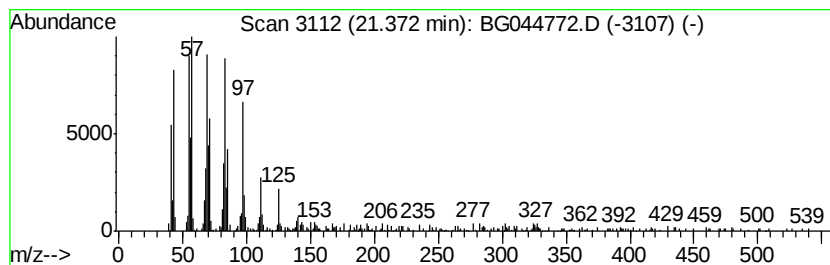
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Peak Number 5 Cyclooctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.89 ng	374841	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctacosane	392	C28H56	000297-24-5	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		1-Tricosene	322	C23H46	018835-32-0	93



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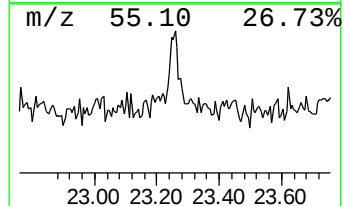
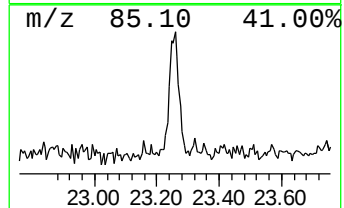
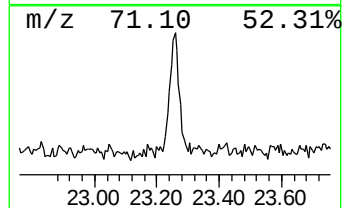
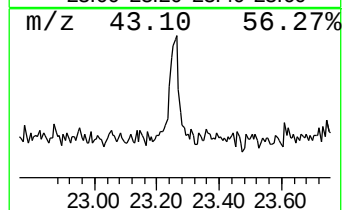
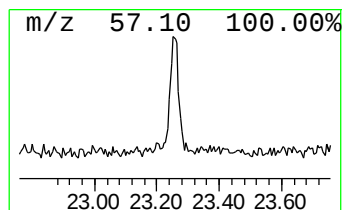
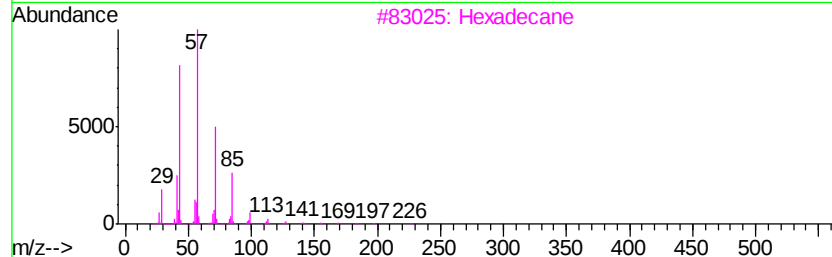
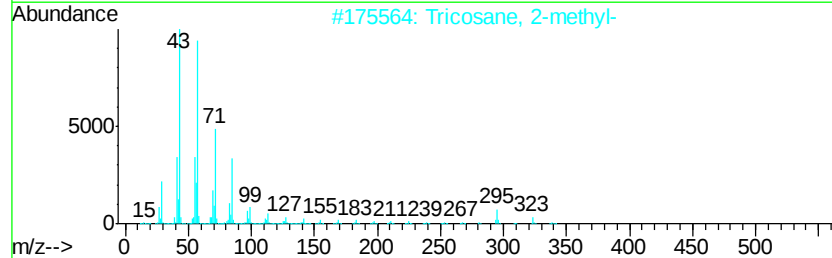
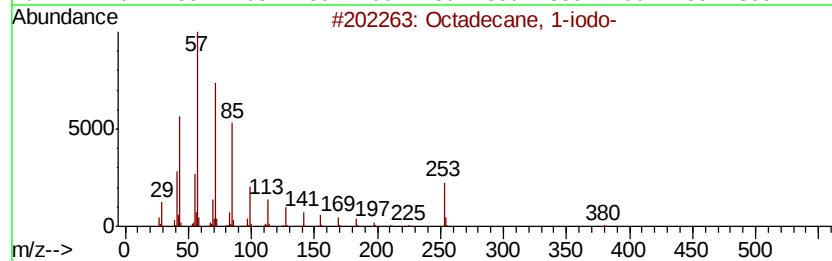
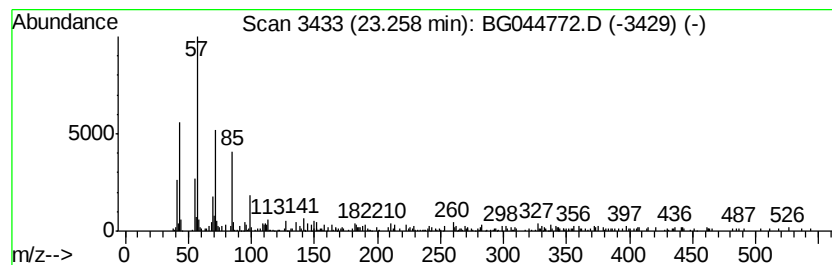
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Peak Number 6 Octadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	2.61 ng	200468	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	81
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	74
3		Hexadecane	226	C16H34	000544-76-3	74
4		Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	72
5		Pentacosane	352	C25H52	000629-99-2	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane	3.15	5.1 ng		180768	1	8.06	714615	20.0
unknown3.23	3.23	2.4 ng		85785	1	8.06	714615	20.0
n-Hexadecanoic acid	18.33	2.3 ng		190580	4	17.43	1695600	20.0
Cyclooctacosane	21.37	4.9 ng		374841	5	21.70	1533880	20.0
Octadecane, 1-iodo-	23.26	2.6 ng		200468	5	21.70	1533880	20.0