

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114471.D
 Acq On : 21 May 2019 22:02
 Operator : JU/SJ
 Sample : K2922-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2

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_F\METHODS\8270-BF051019.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	5.463	570	574	596	rBV	4863360	5056288	93.26%	11.102%
2	6.481	742	747	764	rBV	4991733	5421607	100.00%	11.905%
3	6.610	764	769	772	rBV	5187635	5160286	95.18%	11.331%
4	6.828	803	806	815	rBV	1336358	1152166	21.25%	2.530%
5	6.987	829	833	844	rBV	4338989	3826626	70.58%	8.402%
6	7.393	898	902	912	rBV	3292274	3363912	62.05%	7.386%
7	8.110	1021	1024	1033	rBV	1504702	1461534	26.96%	3.209%
8	9.187	1203	1207	1218	rBV	5637547	5288315	97.54%	11.612%
9	9.581	1270	1274	1283	rBV	852131	805876	14.86%	1.770%
10	9.869	1319	1323	1331	rVB	1875171	1636434	30.18%	3.593%
11	10.516	1428	1433	1438	rBV2	94205	131356	2.42%	0.288%
12	10.663	1454	1458	1468	rBV	3310398	3349593	61.78%	7.355%
13	10.781	1473	1478	1481	rBV	190347	198490	3.66%	0.436%
14	11.245	1553	1557	1562	rVB	203603	223859	4.13%	0.492%
15	11.357	1572	1576	1580	rBV	1613404	1596459	29.45%	3.505%
16	11.592	1613	1616	1619	rBV	74041	79157	1.46%	0.174%
17	11.875	1661	1664	1673	rBV	253033	330994	6.11%	0.727%
18	12.939	1840	1845	1848	rBV	3845359	3842228	70.87%	8.437%
19	13.833	1994	1997	2006	rBV4	122529	271356	5.01%	0.596%
20	13.998	2021	2025	2032	rBV	1259721	1138442	21.00%	2.500%
21	14.451	2099	2102	2105	rBV	96399	96653	1.78%	0.212%
22	14.751	2151	2153	2156	rVB	86898	71425	1.32%	0.157%
23	15.468	2270	2275	2284	rVB	762823	1039056	19.17%	2.282%

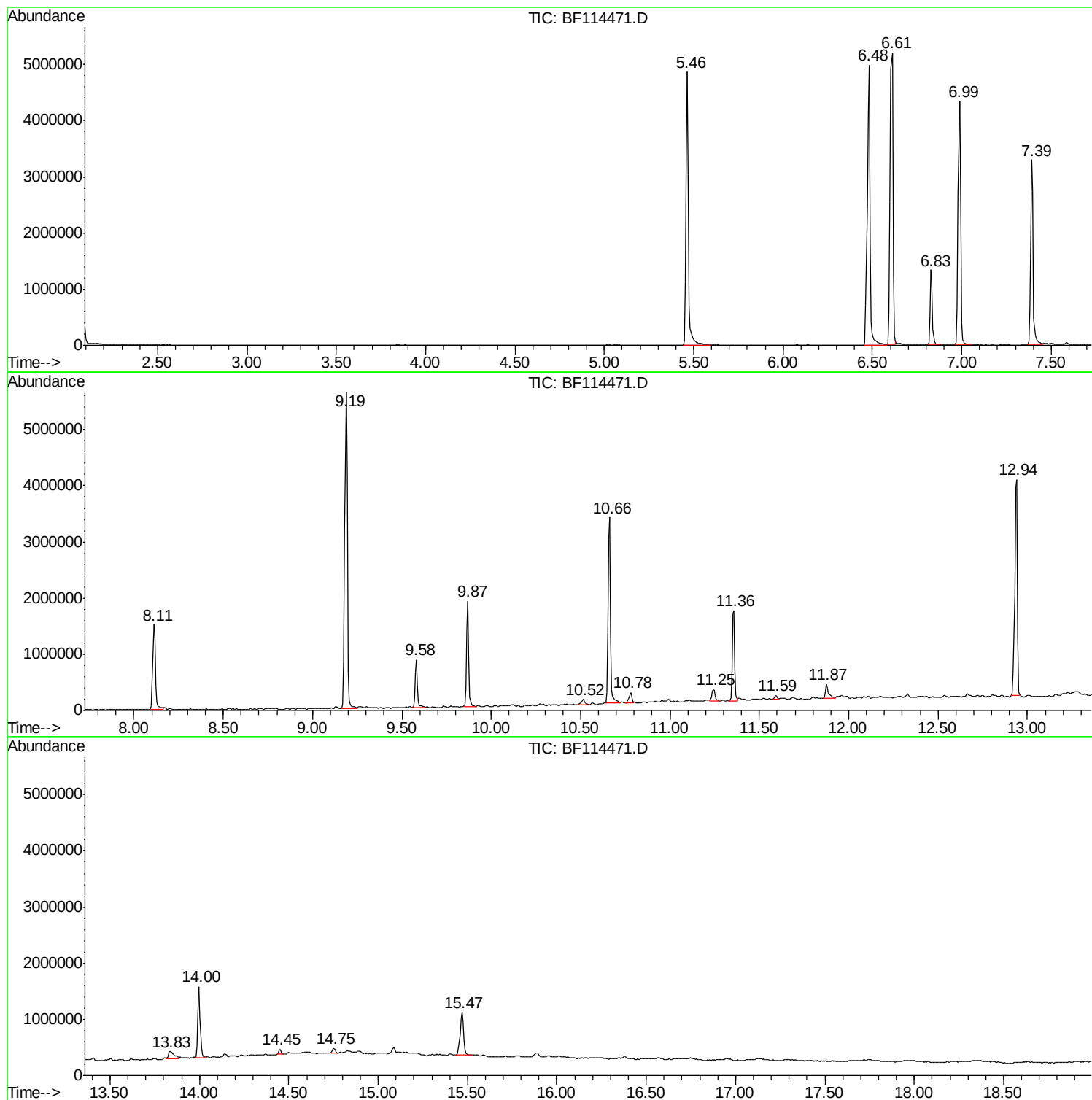
Sum of corrected areas: 45542112

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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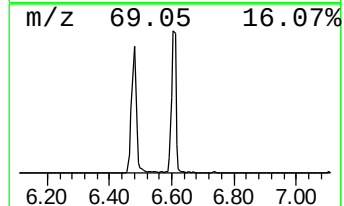
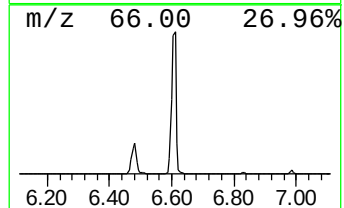
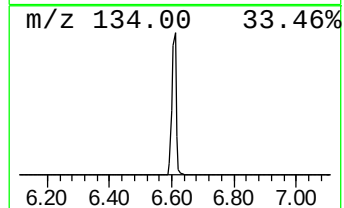
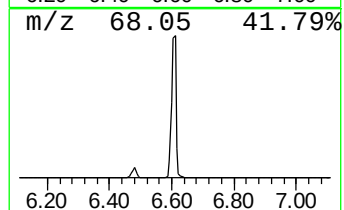
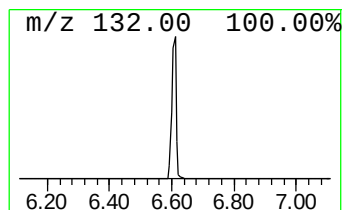
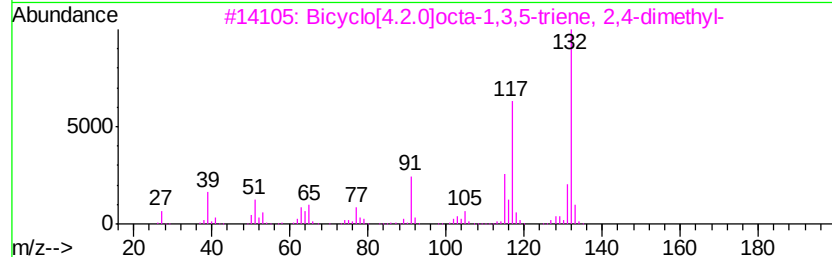
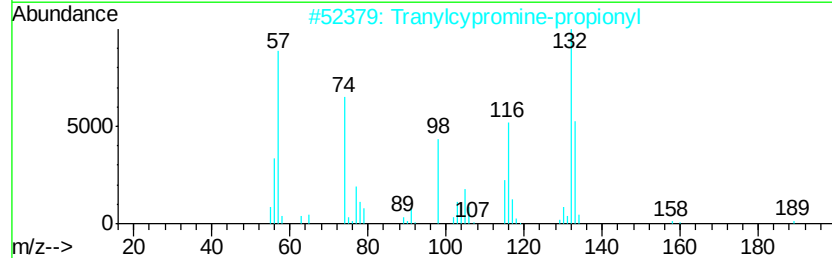
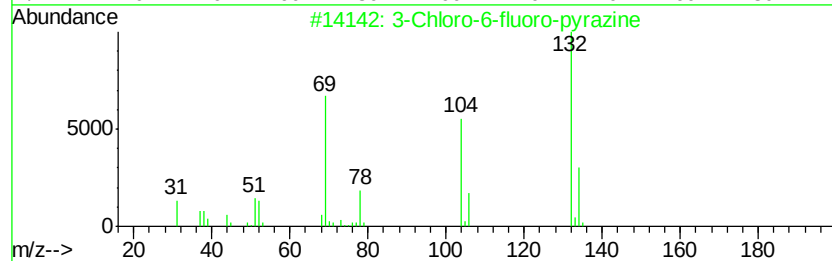
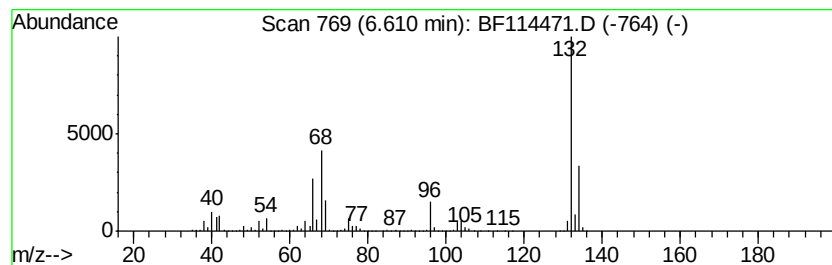
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	89.58 ng	5160290	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Xenon	132	Xe	007440-63-3	9



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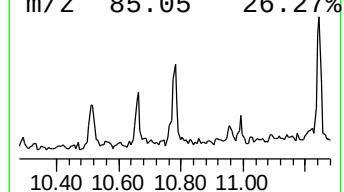
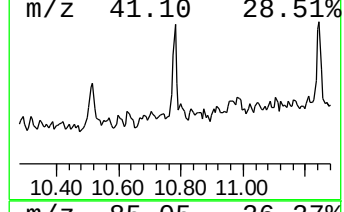
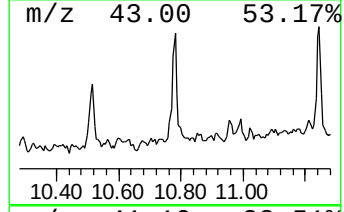
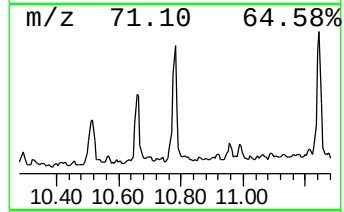
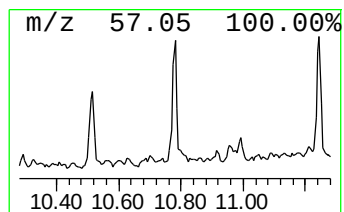
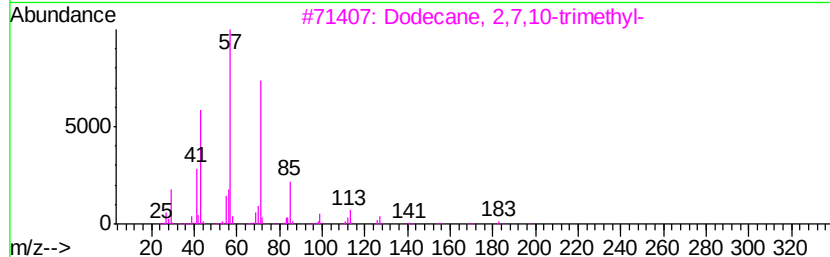
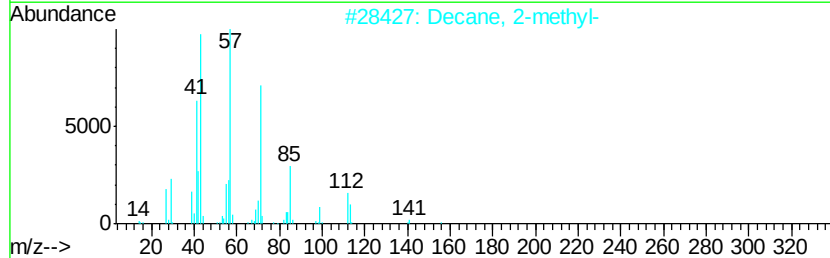
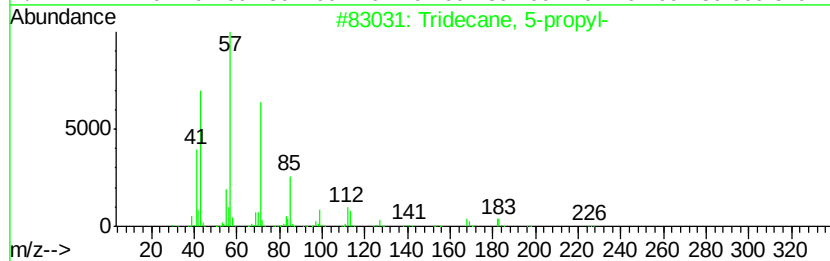
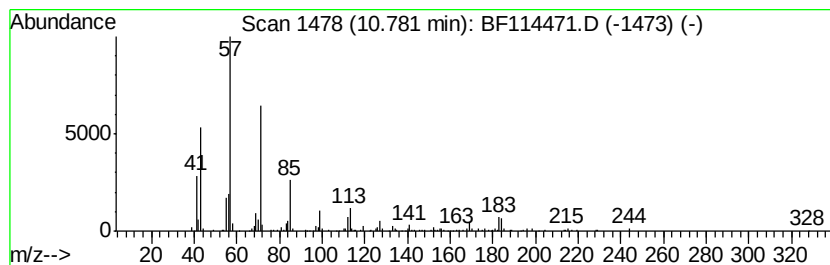
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.49 ng	198490	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2		Decane, 2-methyl-	156	C11H24	006975-98-0	80
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
5		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	58



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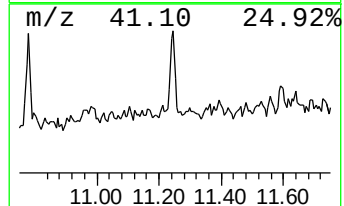
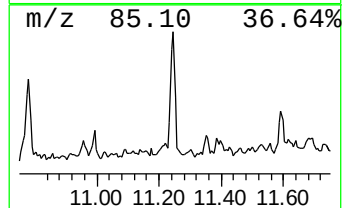
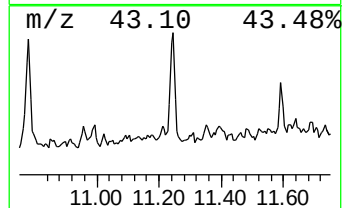
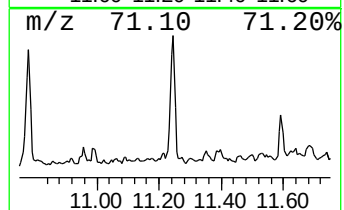
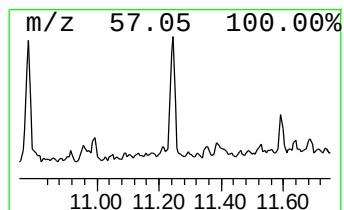
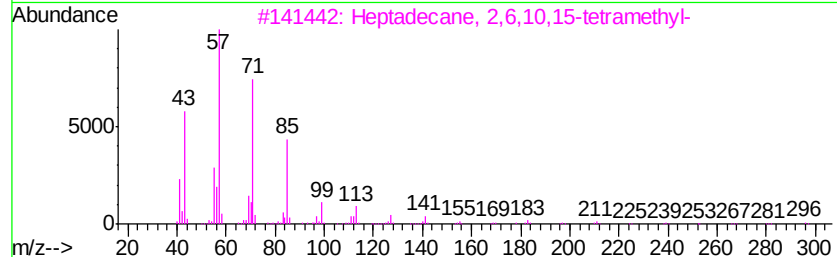
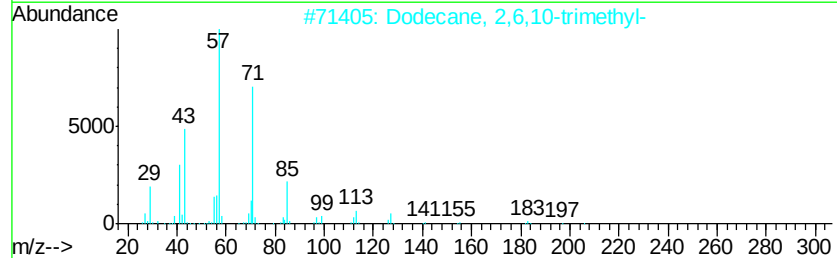
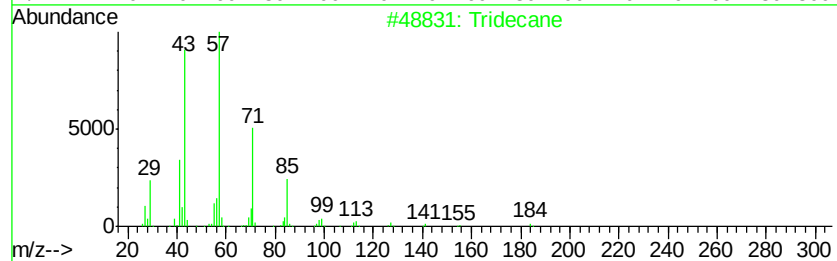
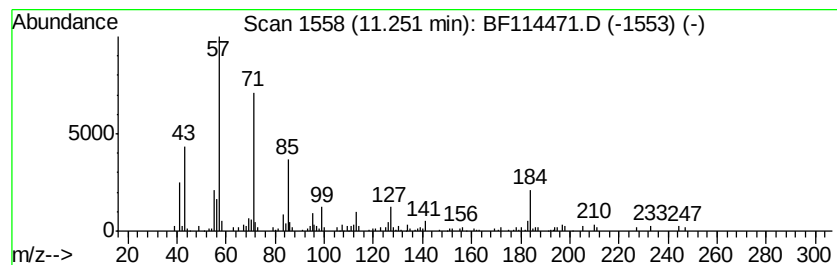
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Peak Number 4 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.80 ng	223859	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



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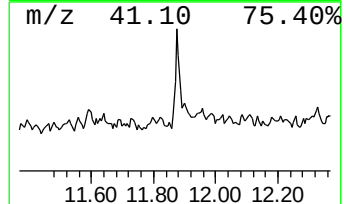
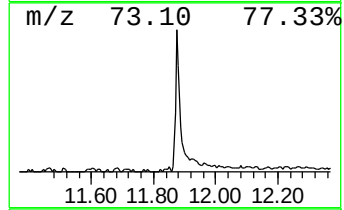
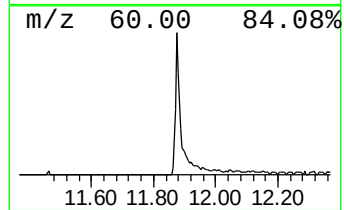
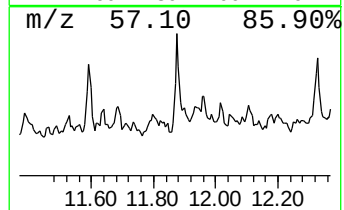
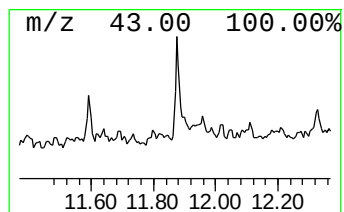
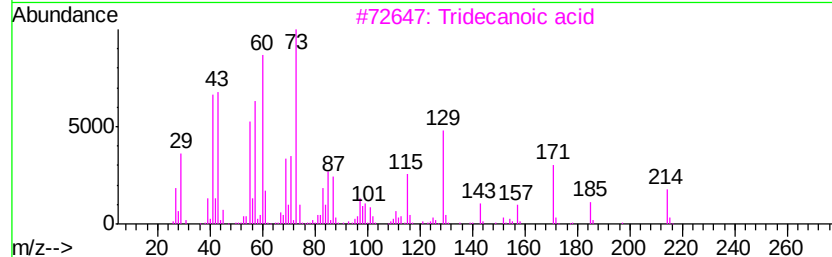
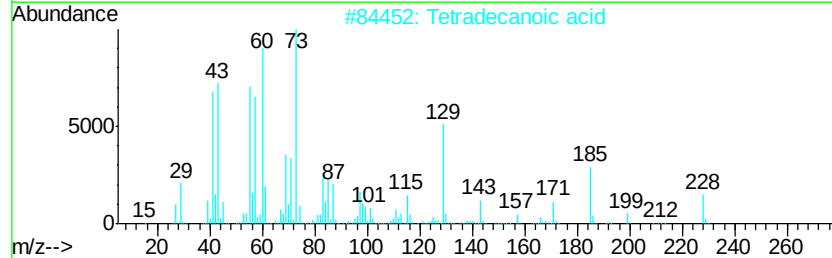
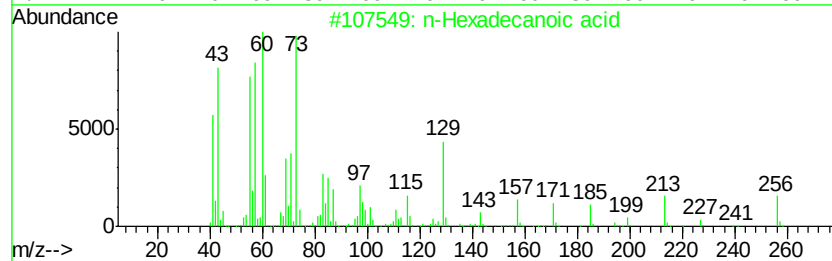
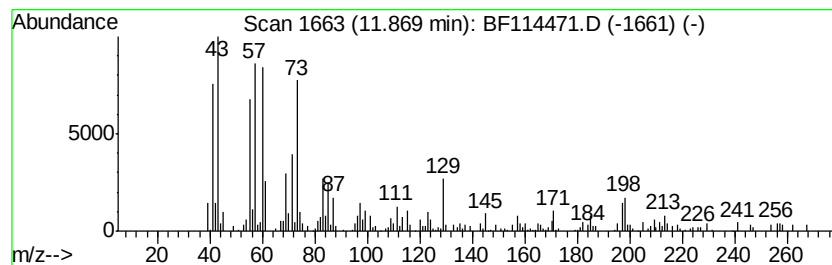
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.15 ng	330994	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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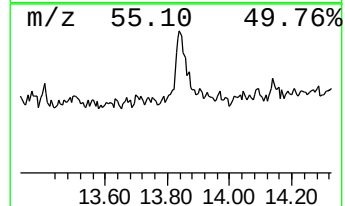
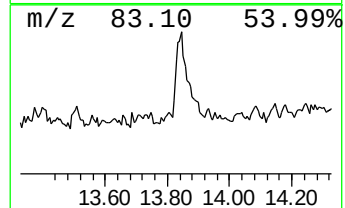
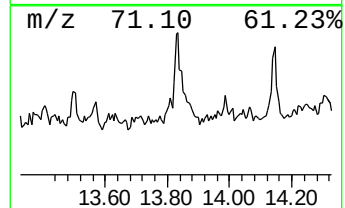
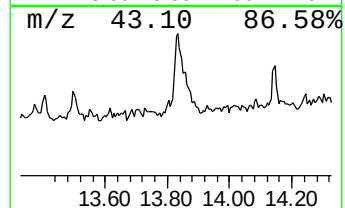
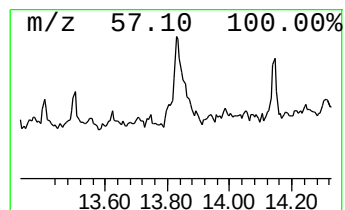
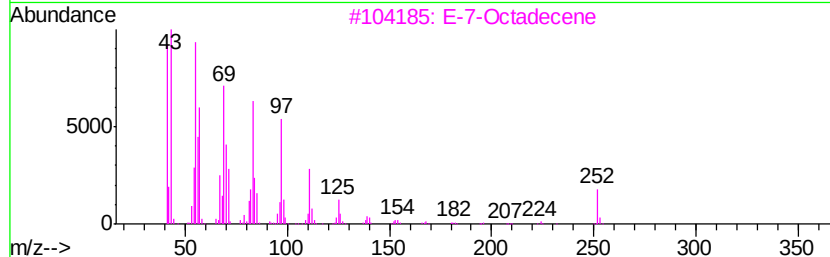
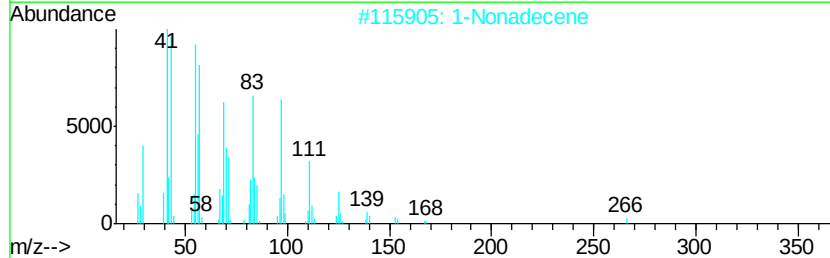
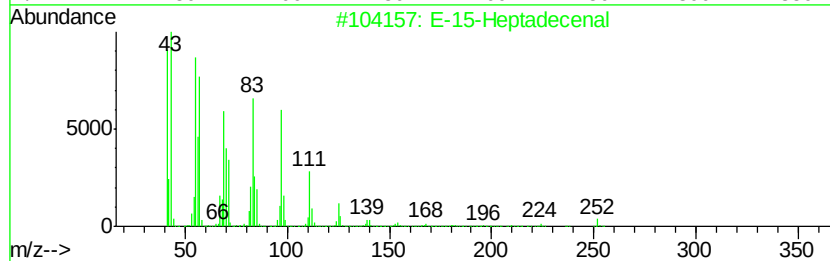
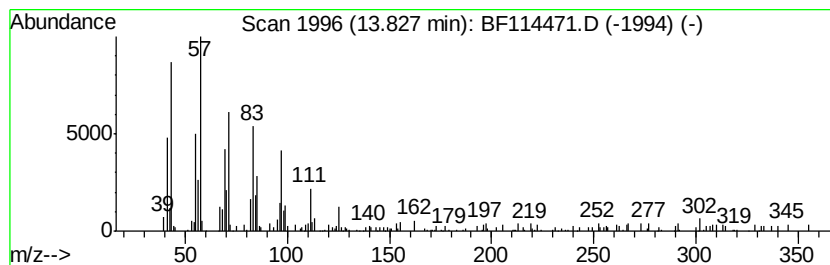
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Peak Number 6 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.77 ng	271356	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
2		1-Nonadecene	266	C19H38	018435-45-5	93
3		E-7-Octadecene	252	C18H36	1000130-92-0	90
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	89
5		1-Octadecene	252	C18H36	000112-88-9	87



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.61	6.61	89.6	ng	5160290	1	6.83	1152170	20.0
Tridecane, 5-propyl-	10.78	2.5	ng	198490	4	11.36	1596460	20.0
Tridecane	11.25	2.8	ng	223859	4	11.36	1596460	20.0
n-Hexadecanoic acid	11.87	4.2	ng	330994	4	11.36	1596460	20.0
E-15-Heptadecenal	13.83	4.8	ng	271356	5	14.00	1138440	20.0