

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113888.D
 Acq On : 22 Apr 2019 20:05
 Operator : JU/SJ
 Sample : K2485-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

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-BF042219.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	2.205	16	20	27	rVB	47140	67731	1.71%	0.181%
2	5.522	578	584	587	rBV	3677947	3602358	91.18%	9.615%
3	6.522	748	754	757	rBV	3652015	3764825	95.29%	10.048%
4	6.669	774	779	782	rBV	3816131	3950941	100.00%	10.545%
5	6.893	814	817	821	rBV	1201269	1032793	26.14%	2.756%
6	7.051	840	844	847	rBV	3249192	2682573	67.90%	7.160%
7	7.451	907	912	915	rBV	2578308	2401539	60.78%	6.410%
8	8.175	1031	1035	1038	rBV	1595533	1306826	33.08%	3.488%
9	9.251	1213	1218	1221	rBV	4389256	3798845	96.15%	10.139%
10	9.639	1280	1284	1287	rBV	446359	364799	9.23%	0.974%
11	9.928	1329	1333	1337	rBV	1839196	1575089	39.87%	4.204%
12	10.716	1462	1467	1470	rBV	3335324	3068833	77.67%	8.191%
13	11.410	1582	1585	1589	rBV	1724372	1609568	40.74%	4.296%
14	11.875	1658	1664	1671	rBV5	19370	47040	1.19%	0.126%
15	11.933	1671	1674	1679	rBV	208892	200116	5.07%	0.534%
16	12.722	1804	1808	1815	rBV	104707	106889	2.71%	0.285%
17	12.998	1850	1855	1858	rBV	4385591	3908199	98.92%	10.431%
18	13.233	1892	1895	1898	rBV	74629	62938	1.59%	0.168%
19	13.574	1950	1953	1961	rVB	165231	141341	3.58%	0.377%
20	13.904	2003	2009	2013	rBV	172391	186937	4.73%	0.499%
21	14.010	2019	2027	2030	rBV4	56453	140822	3.56%	0.376%
22	14.057	2030	2035	2038	rVB	1424277	1369032	34.65%	3.654%
23	14.233	2061	2065	2070	rBV	138129	142034	3.59%	0.379%
24	14.551	2115	2119	2122	rVB	115648	110360	2.79%	0.295%
25	14.863	2169	2172	2176	rVB	105172	101859	2.58%	0.272%
26	15.210	2227	2231	2235	rVB	101495	108981	2.76%	0.291%
27	15.551	2284	2289	2294	rBV	1040738	1299981	32.90%	3.470%
28	15.598	2294	2297	2304	rVB	91172	121449	3.07%	0.324%
29	16.045	2368	2373	2378	rVB2	75831	113149	2.86%	0.302%
30	16.562	2457	2461	2470	rVB3	43313	80092	2.03%	0.214%

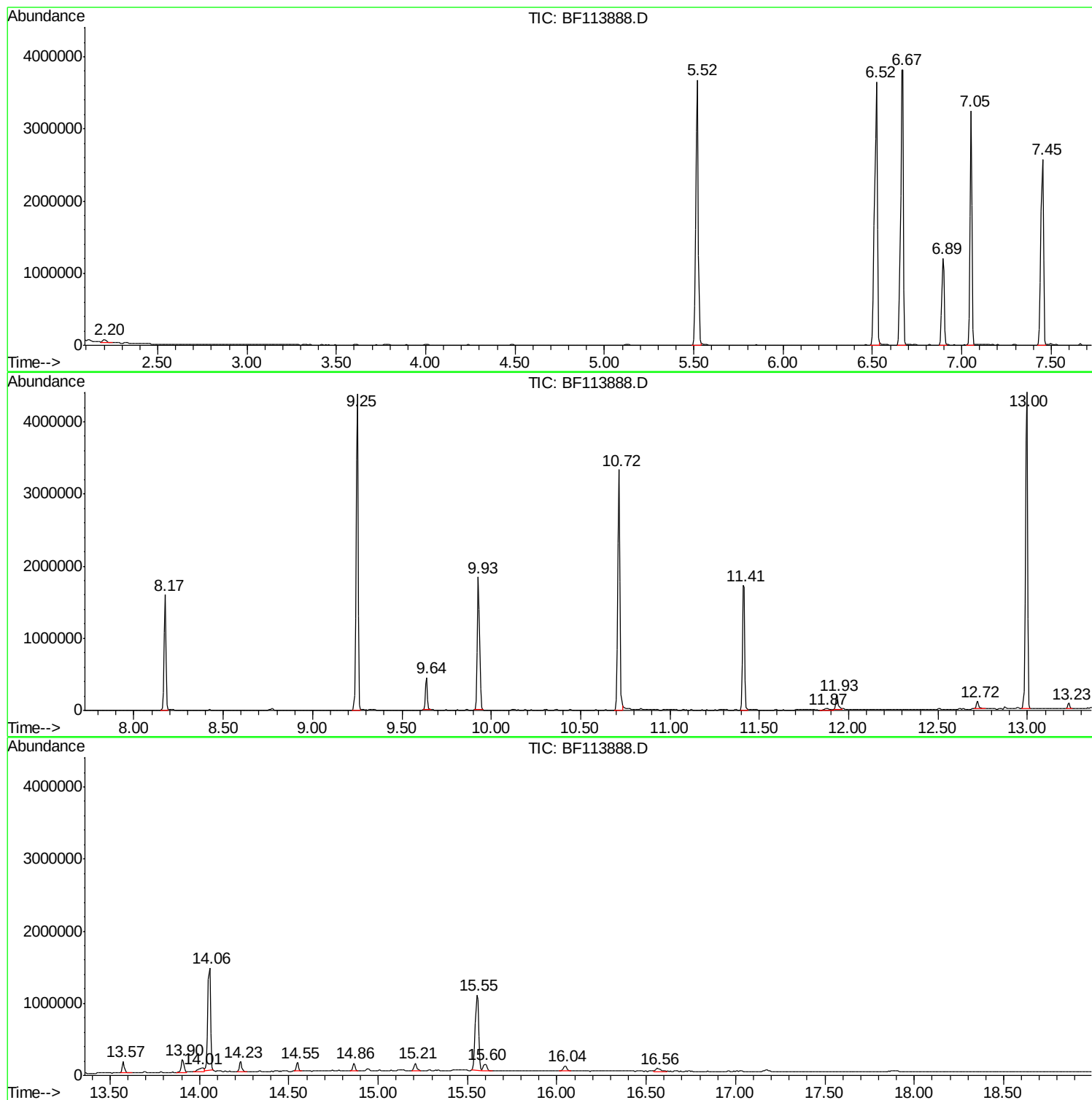
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ClientSampleId :
SOIL-CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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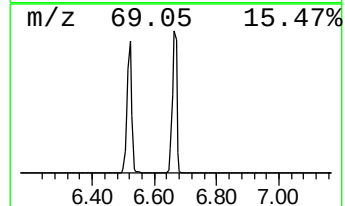
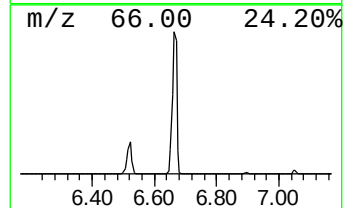
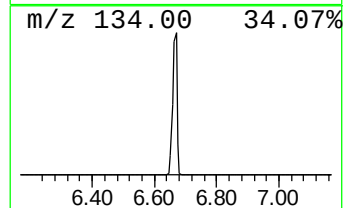
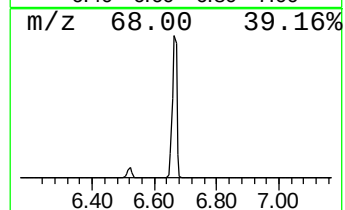
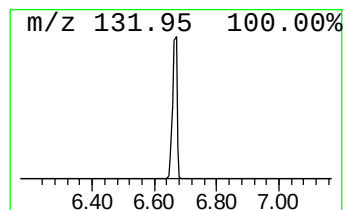
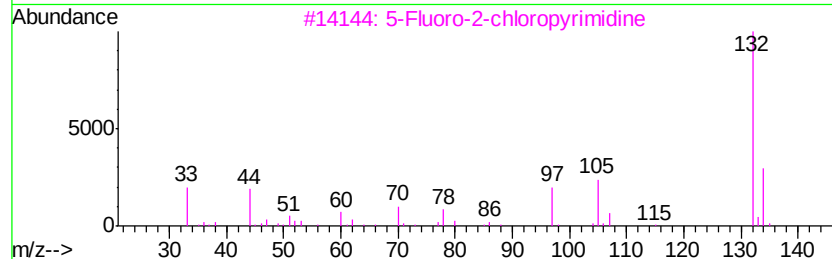
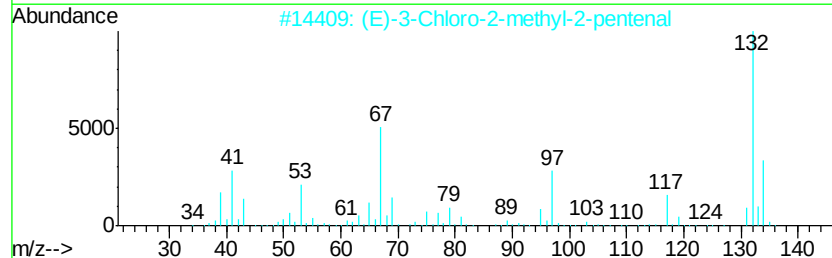
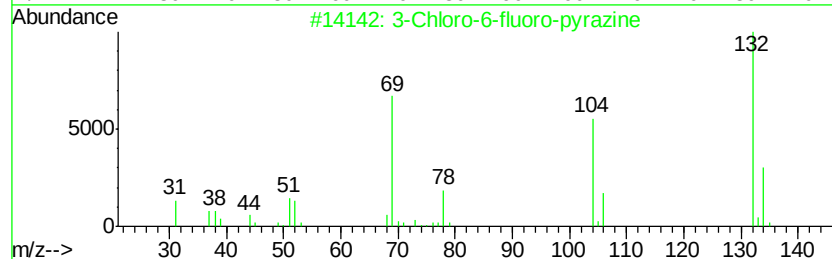
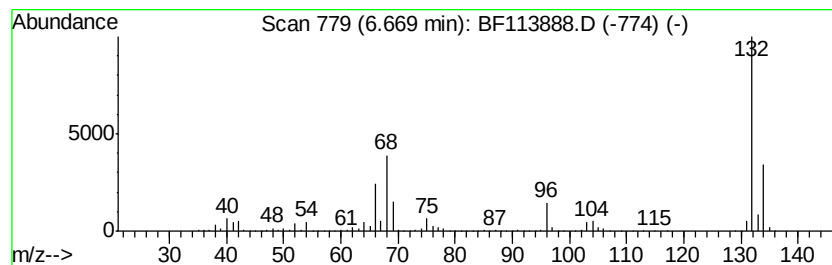
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	76.51 ng	3950940	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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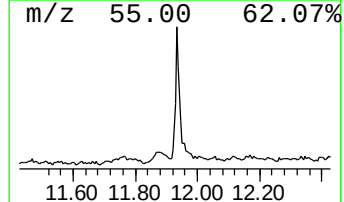
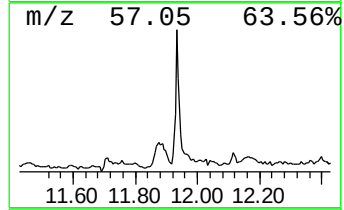
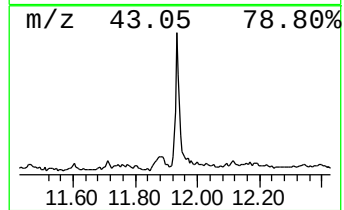
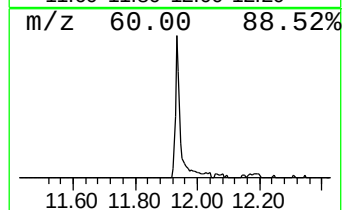
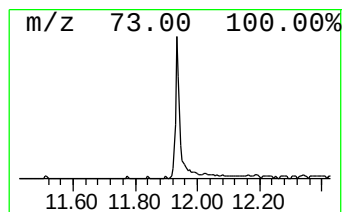
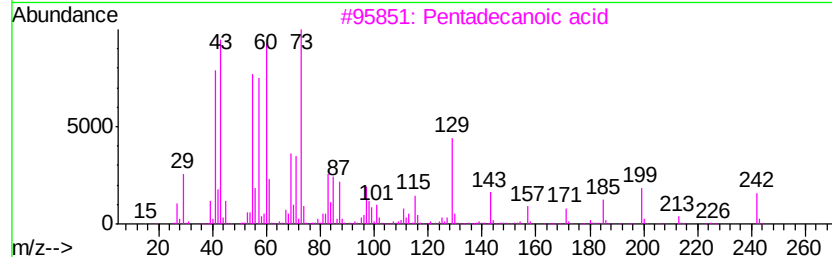
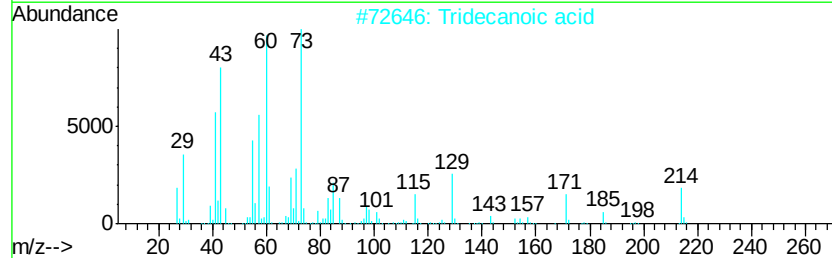
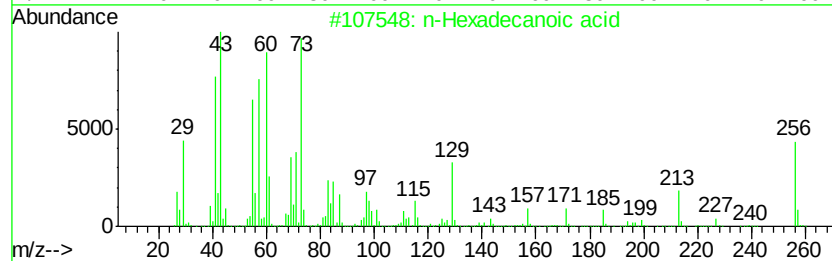
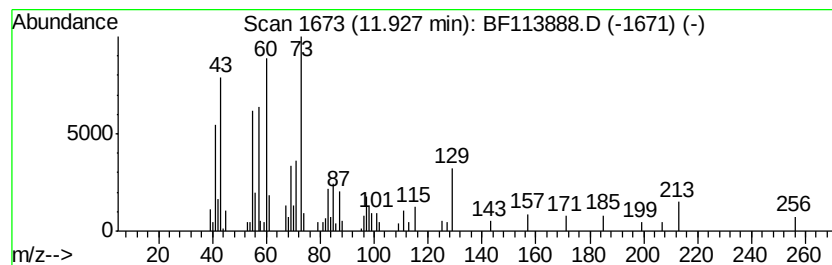
Instrument :
 BNA_F
 ClientSampleId :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.93	2.49 ng	200116	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49



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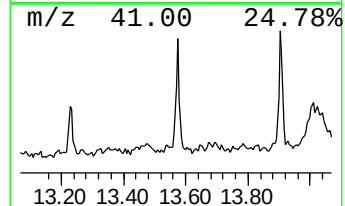
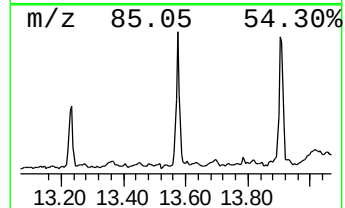
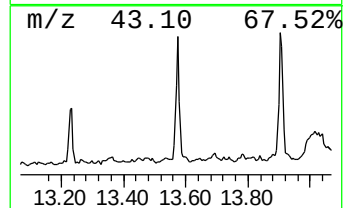
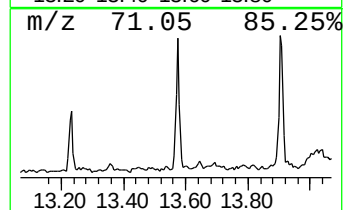
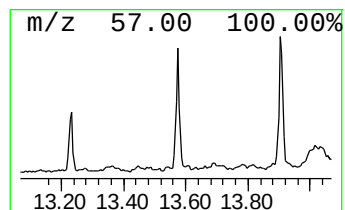
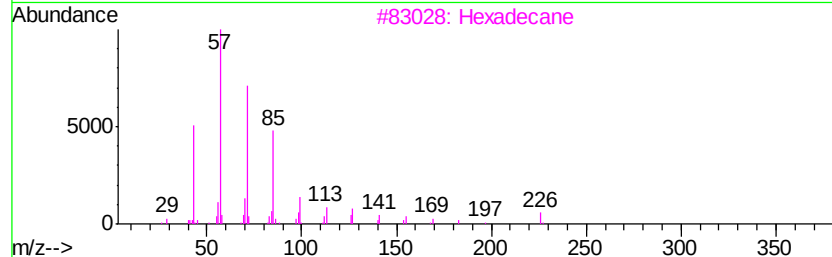
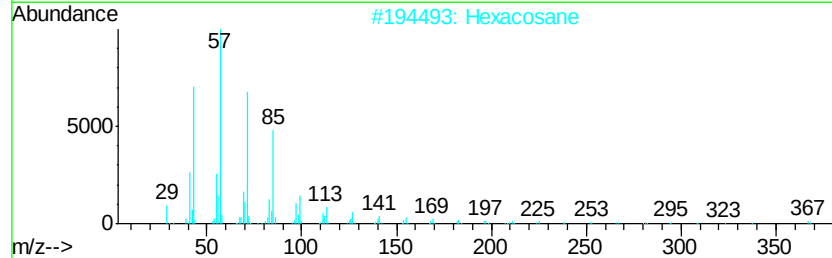
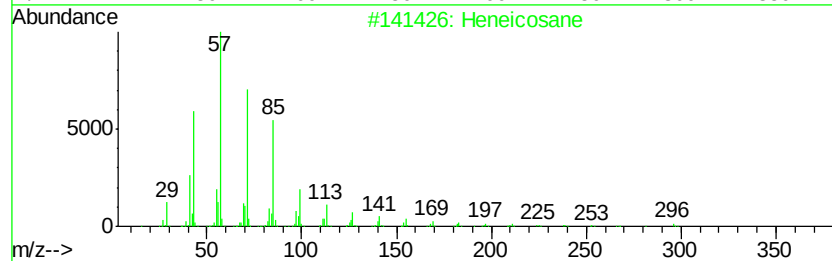
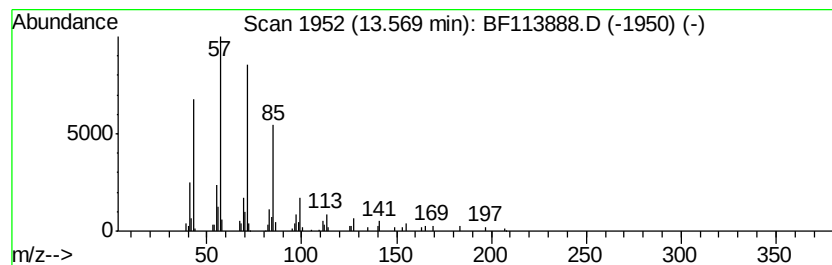
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.06 ng	141341	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Heptacosane	380	C27H56	000593-49-7	90



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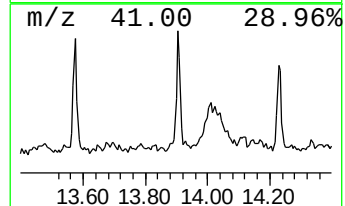
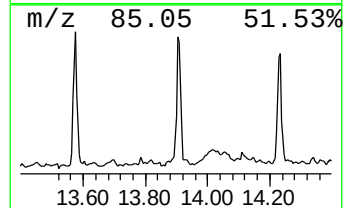
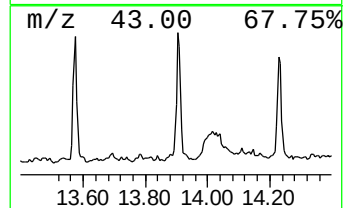
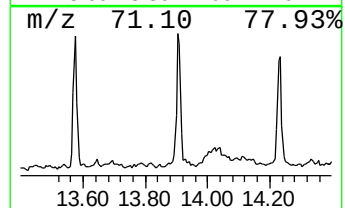
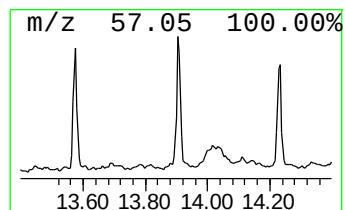
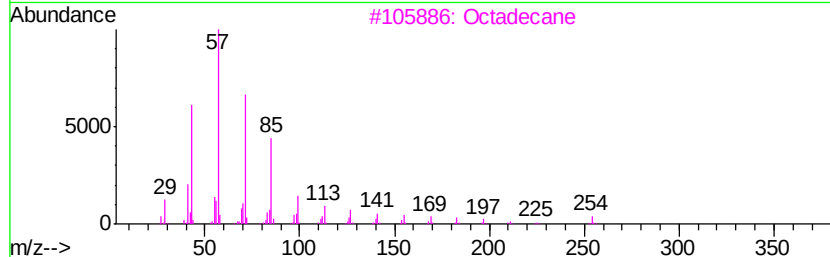
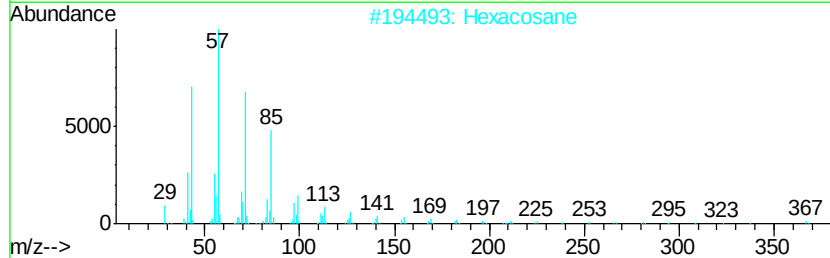
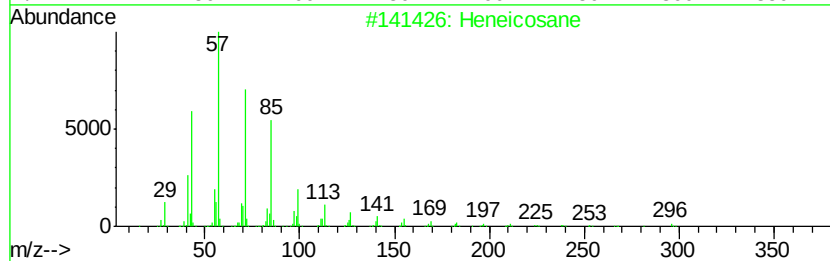
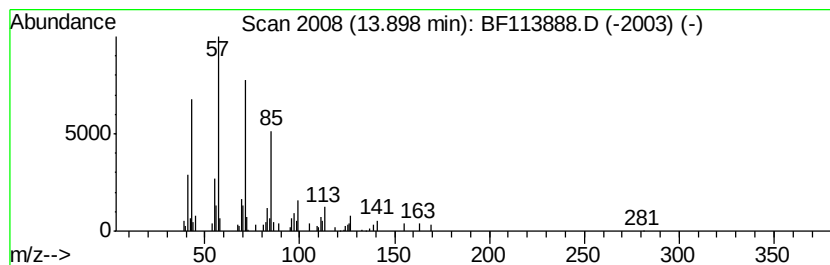
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.73 ng	186937	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane	240	C17H36	000629-78-7	91



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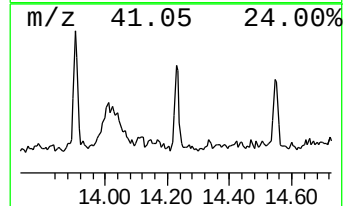
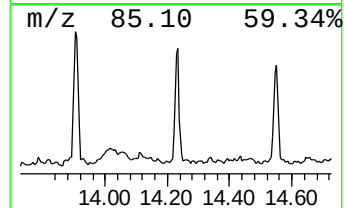
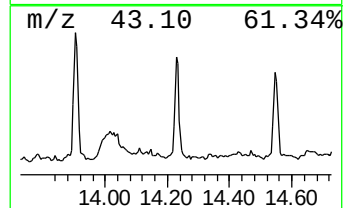
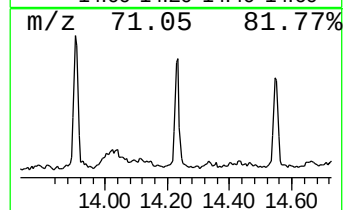
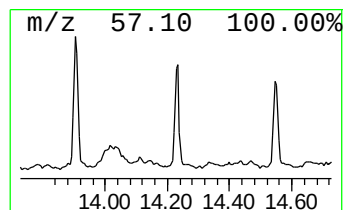
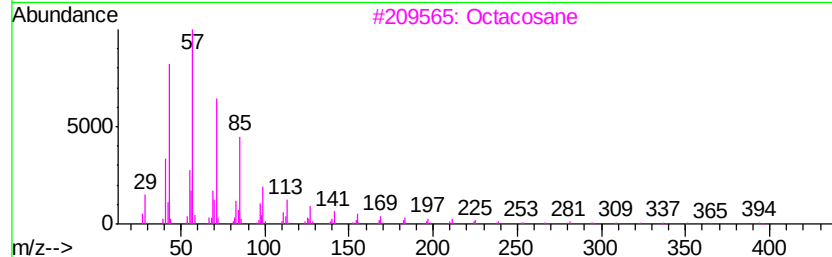
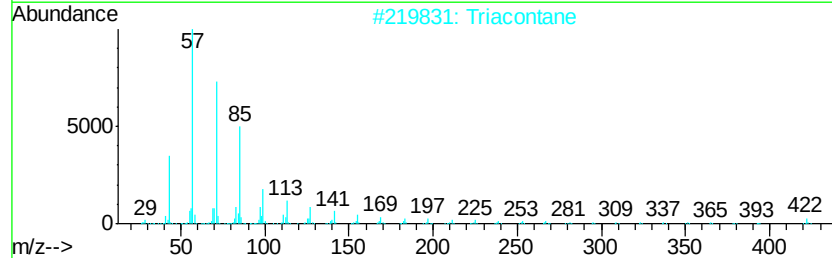
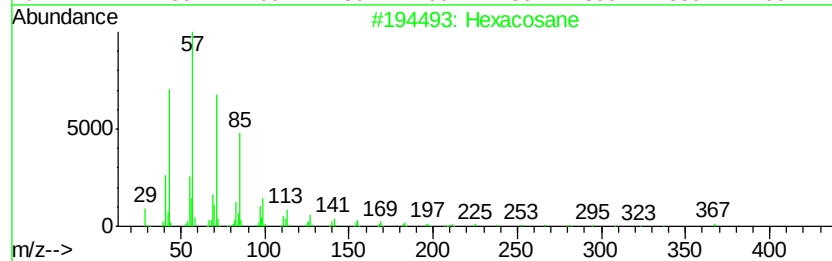
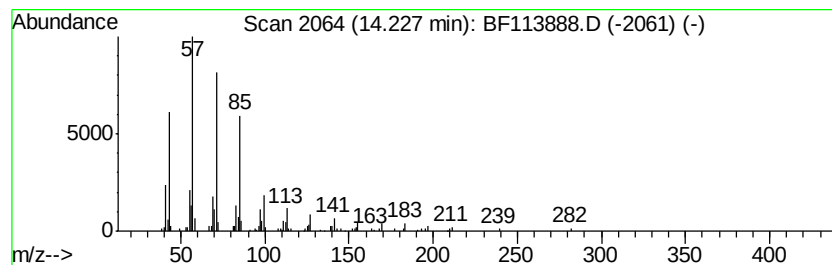
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 6 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.07 ng	142034	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	Triacotane	422 C30H62	000638-68-6	91
3	Octacosane	394 C28H58	000630-02-4	91
4	Tridecanol, 2-ethyl-2-methyl-	242 C16H34O	1000115-66-1	91
5	Tetracosane	338 C24H50	000646-31-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.67	6.67	76.5	ng	3950940	1	6.89	1032790	20.0
n-Hexadecanoic acid	11.93	2.5	ng	200116	4	11.42	1609570	20.0
Heneicosane	13.57	2.1	ng	141341	5	14.06	1369030	20.0
Octadecane	13.90	2.7	ng	186937	5	14.06	1369030	20.0
Hexacosane	14.23	2.1	ng	142034	5	14.06	1369030	20.0