

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113854.D
 Acq On : 19 Apr 2019 13:16
 Operator : JU/SJ
 Sample : K2484-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

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-BF041819.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	2.222	19	23	29	rVB	47093	64860	1.71%	0.179%
2	5.522	579	584	587	rBV	3380673	3284851	86.45%	9.050%
3	6.522	748	754	757	rBV	3189017	3405383	89.63%	9.382%
4	6.663	774	778	782	rBV	3474227	3542032	93.22%	9.759%
5	6.898	814	818	821	rBV	1372461	1169268	30.77%	3.221%
6	7.051	840	844	848	rBV	2944936	2747700	72.32%	7.570%
7	7.451	907	912	915	rBV	2340391	2136255	56.22%	5.886%
8	8.175	1031	1035	1039	rBV	1738534	1490969	39.24%	4.108%
9	9.251	1213	1218	1221	rBV	4333043	3799555	100.00%	10.468%
10	9.639	1280	1284	1287	rBV	367875	276599	7.28%	0.762%
11	9.933	1329	1334	1337	rBV	1785720	1708827	44.97%	4.708%
12	10.716	1462	1467	1470	rBV	2692709	2434070	64.06%	6.706%
13	11.416	1582	1586	1588	rBV	1733160	1635314	43.04%	4.505%
14	11.433	1588	1589	1593	rVB	133259	88423	2.33%	0.244%
15	11.939	1671	1675	1686	rVB	449183	404077	10.63%	1.113%
16	12.621	1787	1791	1794	rBV	258037	213496	5.62%	0.588%
17	12.721	1804	1808	1815	rBV	146906	158708	4.18%	0.437%
18	12.851	1822	1830	1833	rBV	172401	180133	4.74%	0.496%
19	12.998	1850	1855	1858	rVB	3030965	2878834	75.77%	7.931%
20	13.233	1892	1895	1900	rBV2	44150	46870	1.23%	0.129%
21	13.904	2003	2009	2012	rBV3	53735	61923	1.63%	0.171%
22	14.004	2018	2026	2028	rBV5	105237	256984	6.76%	0.708%
23	14.045	2028	2033	2036	rVB2	1470420	1561681	41.10%	4.303%
24	14.215	2059	2062	2067	rVB2	59659	59435	1.56%	0.164%
25	14.521	2111	2114	2117	rBV	89849	77174	2.03%	0.213%
26	14.833	2164	2167	2170	rVB	89197	83704	2.20%	0.231%
27	14.910	2177	2180	2186	rVB2	50597	64400	1.69%	0.177%
28	15.086	2206	2210	2213	rBV	96817	144056	3.79%	0.397%
29	15.174	2222	2225	2231	rVB2	140682	168262	4.43%	0.464%
30	15.392	2259	2262	2266	rVV	54400	60673	1.60%	0.167%
31	15.451	2269	2272	2278	rVV	70597	96458	2.54%	0.266%
32	15.521	2278	2284	2288	rVV	1182022	1519443	39.99%	4.186%
33	15.562	2288	2291	2295	rVB2	106758	132728	3.49%	0.366%
34	16.004	2362	2366	2373	rVB2	107721	175978	4.63%	0.485%

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35	16.521	2450	2454	2458	rBV2	44946	79933	2.10%	0.220%
36	16.986	2529	2533	2541	rVB3	42395	87345	2.30%	0.241%

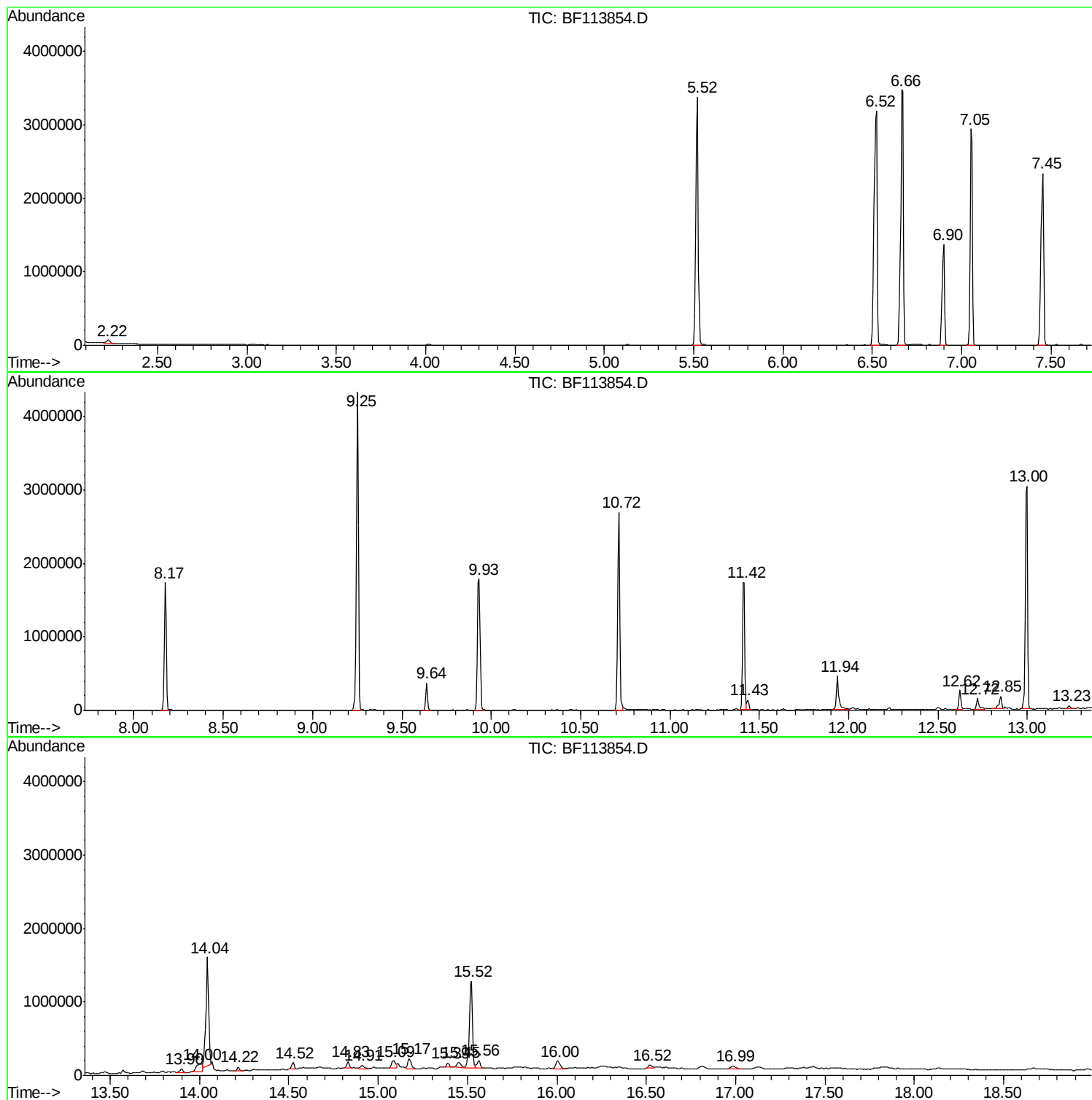
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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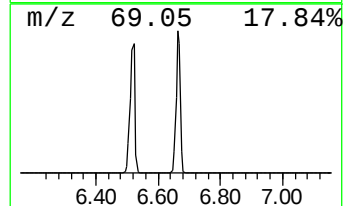
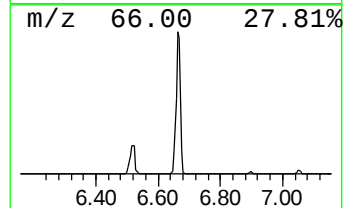
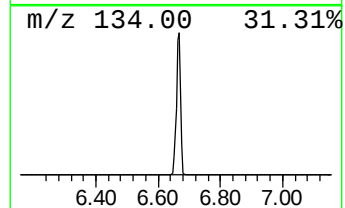
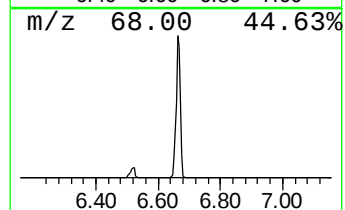
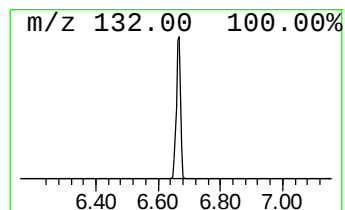
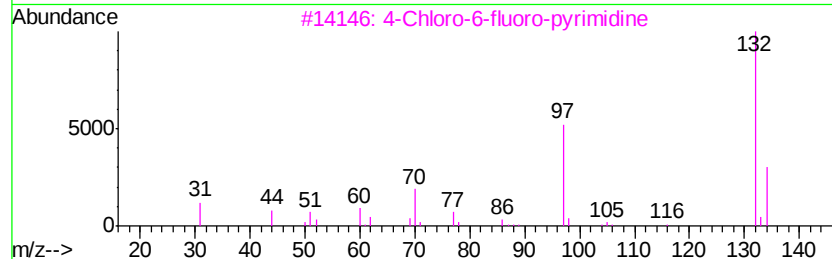
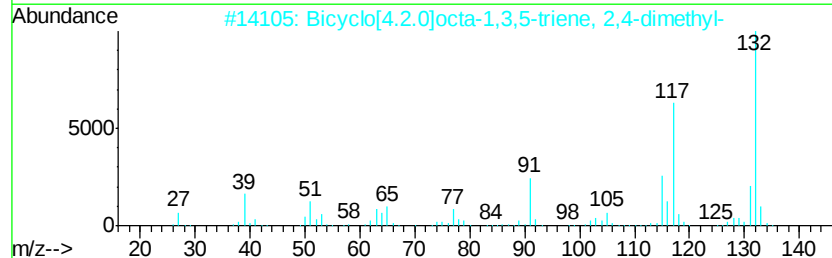
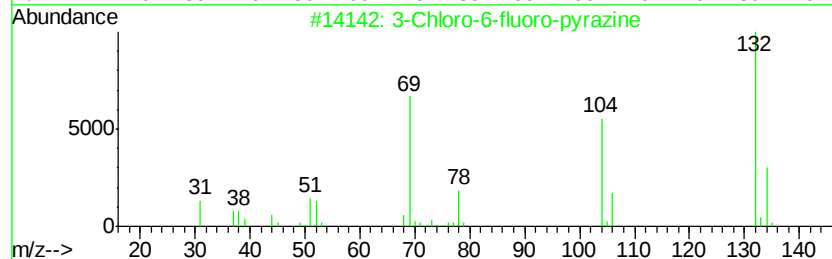
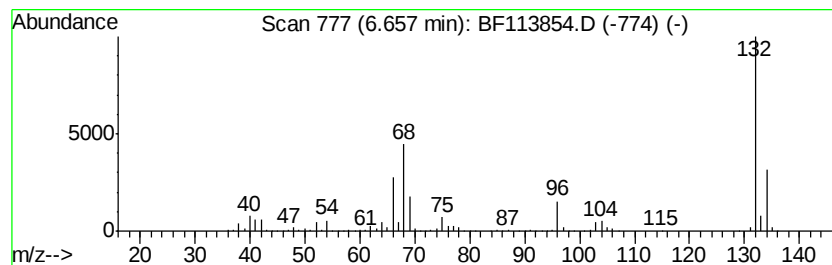
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	60.59 ng	3542030	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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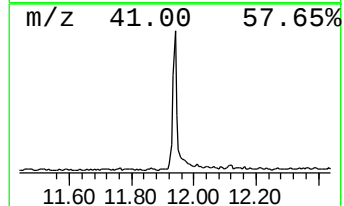
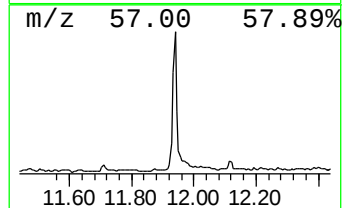
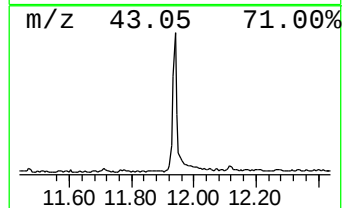
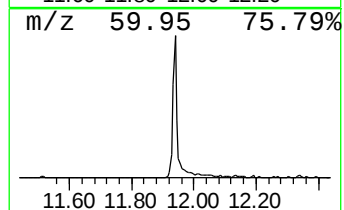
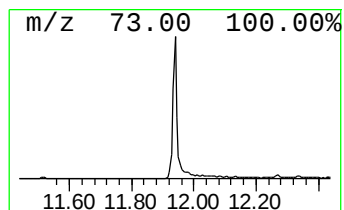
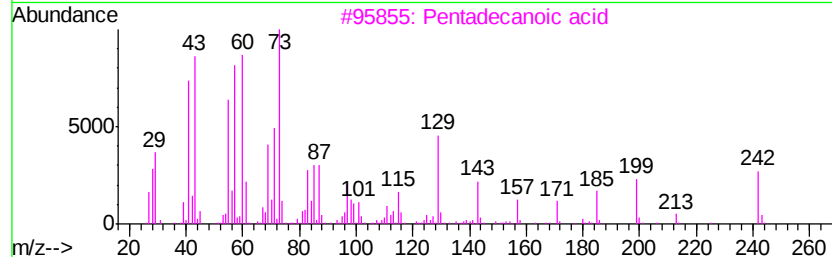
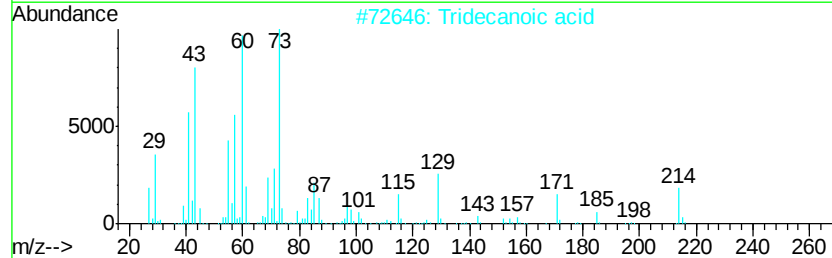
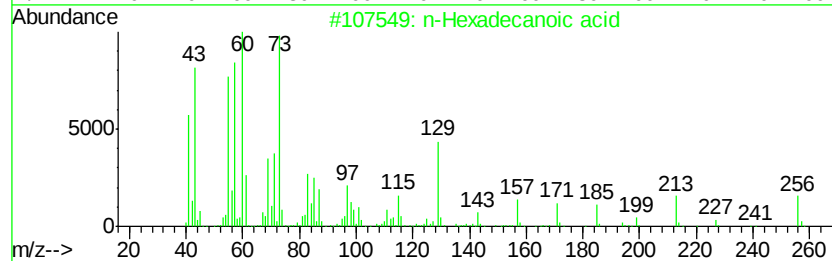
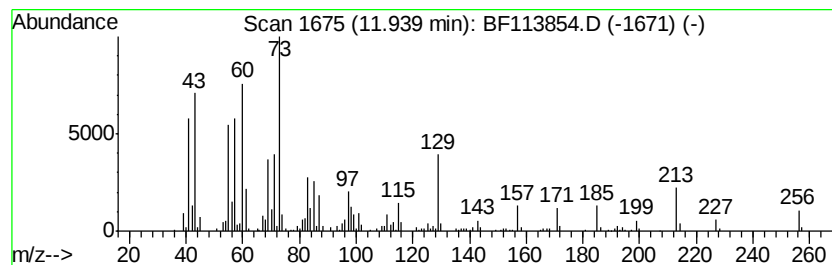
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.94 ng	404077	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		n-Decanoic acid	172	C10H20O2	000334-48-5	62
5		n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25



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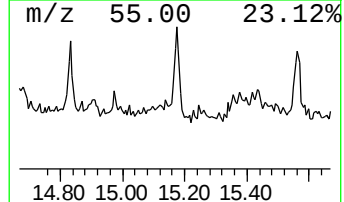
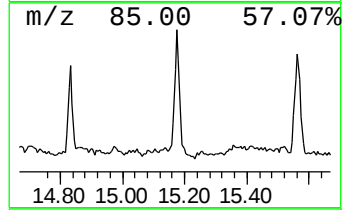
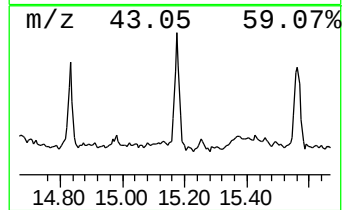
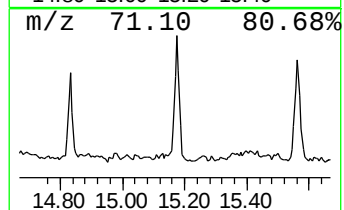
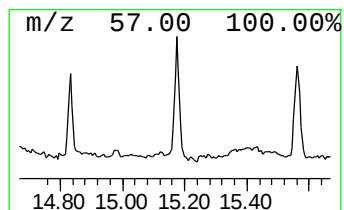
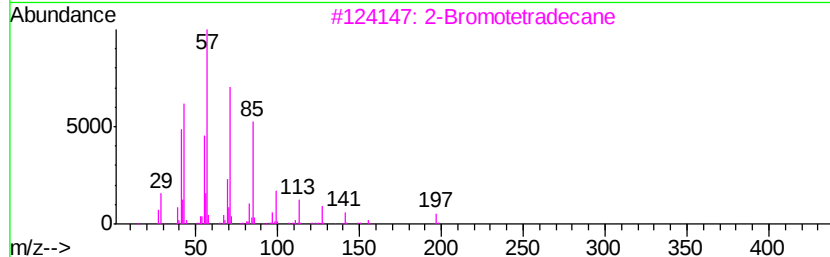
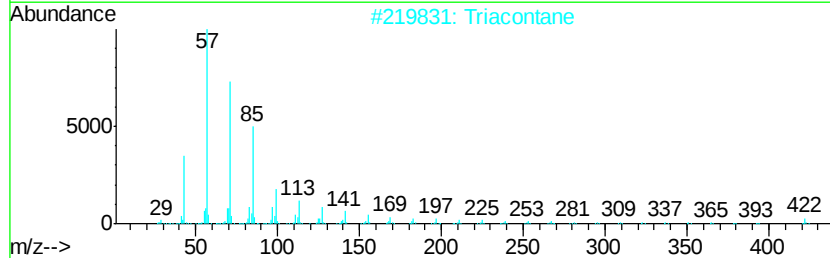
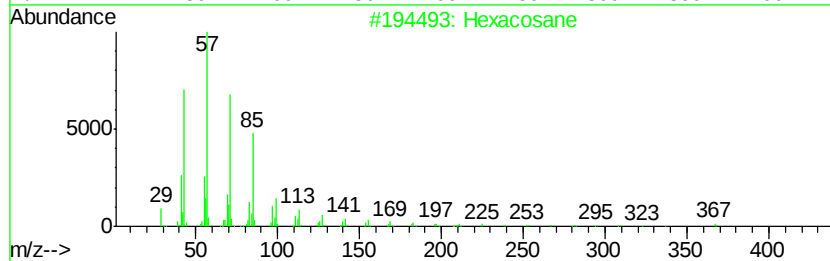
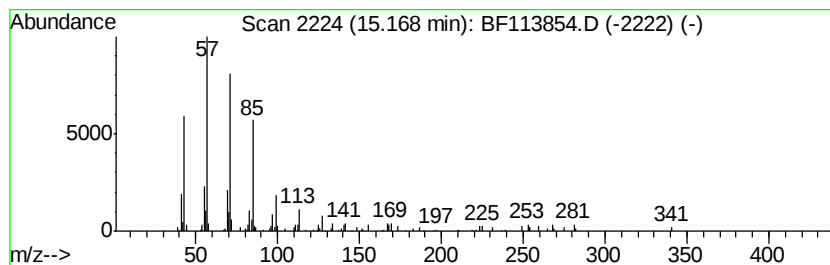
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Peak Number 4 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.21 ng	168262	Perylene-d12	15.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	triacontane		422	C30H62	000638-68-6	91
3	2-Bromotetradecane		276	C14H29Br	074036-95-6	90
4	Hexadecane		226	C16H34	000544-76-3	87
5	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	87



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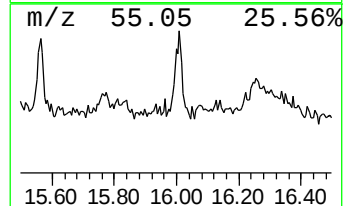
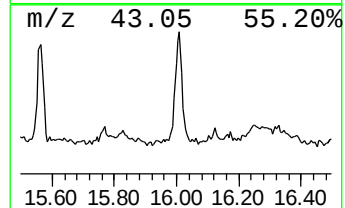
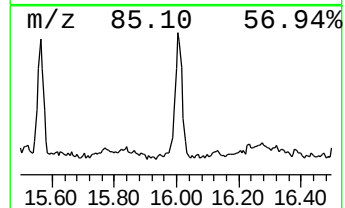
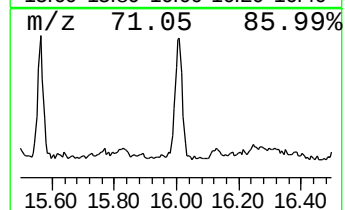
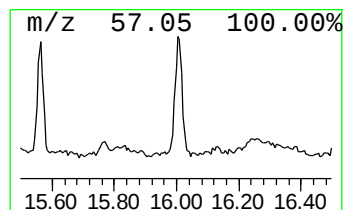
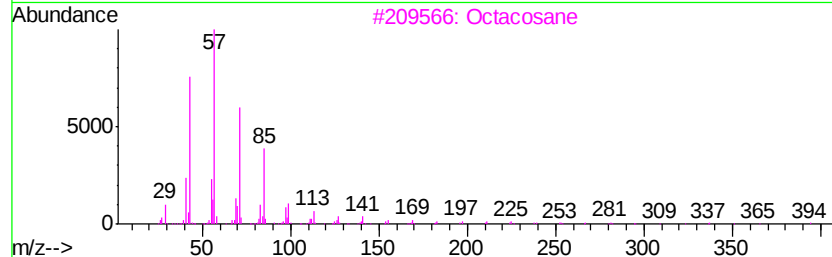
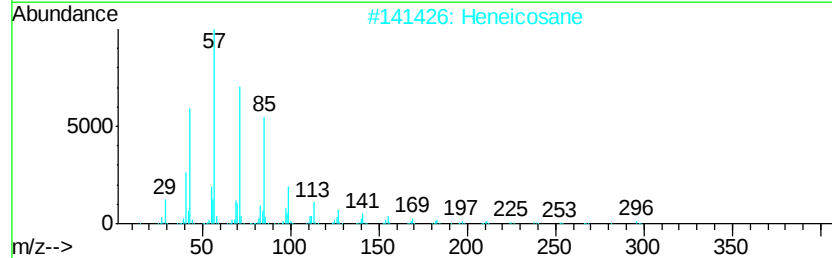
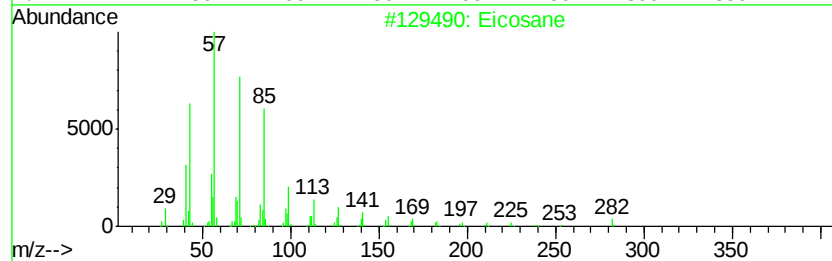
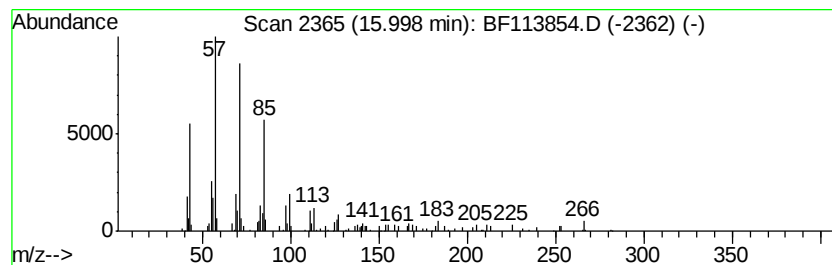
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Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.32 ng	175978	Perylene-d12	15.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Heneicosane		296	C21H44	000629-94-7	90
3	Octacosane		394	C28H58	000630-02-4	87
4	Heptacosane		380	C27H56	000593-49-7	87
5	triacontane		422	C30H62	000638-68-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.66	6.66	60.6	ng	3542030	1	6.90	1169270	20.0
n-Hexadecanoic acid	11.94	4.9	ng	404077	4	11.42	1635310	20.0
Hexacosane	15.17	2.2	ng	168262	6	15.52	1519440	20.0
Eicosane	16.00	2.3	ng	175978	6	15.52	1519440	20.0