

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136366.D
 Acq On : 02 Dec 2023 07:52
 Operator : CG\JU
 Sample : 05521-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4-COMP

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BF112723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	497	503	509	rBV	36630	46239	2.37%	0.329%
2	5.440	566	570	574	rBV	2036590	1951827	100.00%	13.900%
3	6.440	735	740	743	rBV	2014203	1792054	91.81%	12.762%
4	6.804	799	802	806	rVB	794503	648246	33.21%	4.616%
5	7.363	892	897	900	rBV	1344134	1128579	57.82%	8.037%
6	8.081	1015	1019	1023	rBV	875016	717717	36.77%	5.111%
7	9.157	1198	1202	1206	rBV	2085863	1825654	93.54%	13.001%
8	9.281	1220	1223	1232	rVB2	27673	30601	1.57%	0.218%
9	9.839	1313	1318	1321	rBV	793426	615795	31.55%	4.385%
10	10.627	1448	1452	1461	rBV	1026742	869606	44.55%	6.193%
11	11.327	1568	1571	1575	rBV	696732	592834	30.37%	4.222%
12	11.869	1659	1663	1673	rBV2	153371	173739	8.90%	1.237%
13	12.122	1702	1706	1711	rVB4	33351	34361	1.76%	0.245%
14	12.545	1774	1778	1782	rBV	39596	44867	2.30%	0.320%
15	12.657	1794	1797	1804	rBV4	30820	38615	1.98%	0.275%
16	12.774	1815	1817	1820	rVB	46687	38309	1.96%	0.273%
17	12.927	1839	1843	1846	rBV	2229993	1863136	95.46%	13.268%
18	13.839	1995	1998	2003	rVB3	24186	23178	1.19%	0.165%
19	13.921	2006	2012	2016	rBV9	31478	84703	4.34%	0.603%
20	13.980	2018	2022	2026	rBV	702278	700365	35.88%	4.988%
21	14.468	2101	2105	2108	rBV2	43022	43957	2.25%	0.313%
22	14.515	2110	2113	2117	rVV2	22967	25212	1.29%	0.180%
23	14.780	2155	2158	2164	rVB5	21365	28779	1.47%	0.205%
24	14.933	2181	2184	2189	rVB6	20018	22479	1.15%	0.160%
25	15.027	2197	2200	2208	rVB3	22443	48426	2.48%	0.345%
26	15.127	2213	2217	2223	rVB2	46861	62029	3.18%	0.442%
27	15.468	2269	2275	2281	rBV	396333	500540	25.64%	3.565%
28	15.974	2356	2361	2368	rBV	51535	90339	4.63%	0.643%

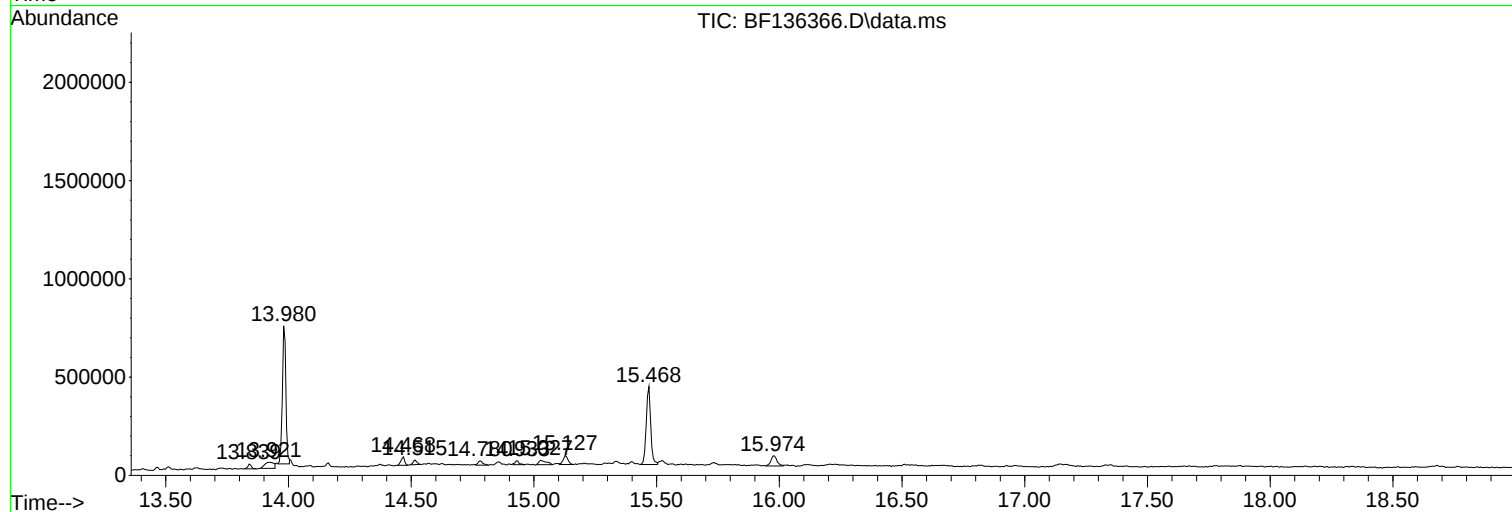
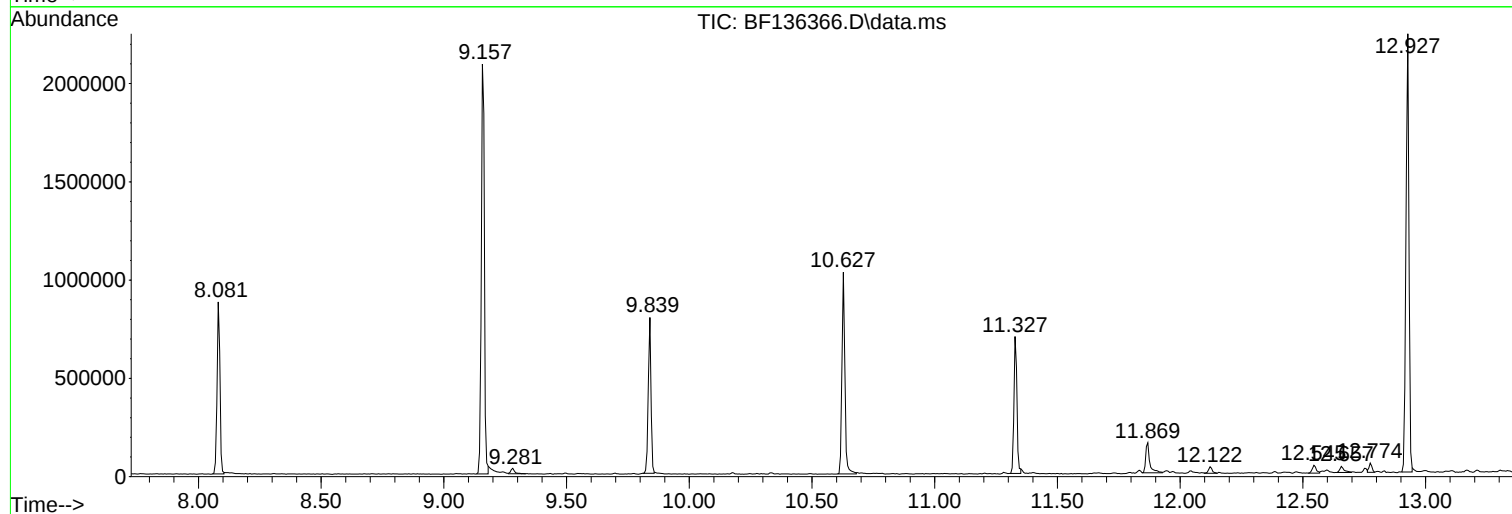
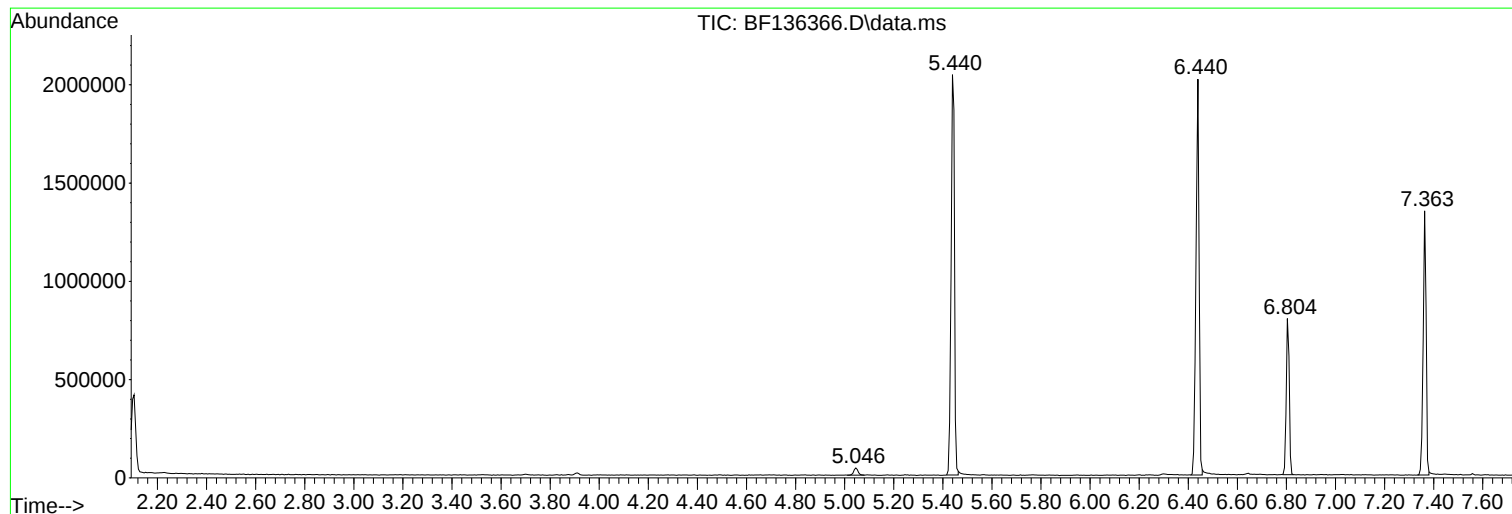
Sum of corrected areas: 14042186

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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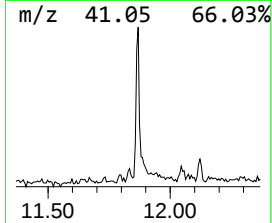
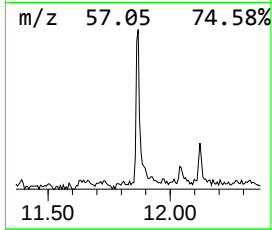
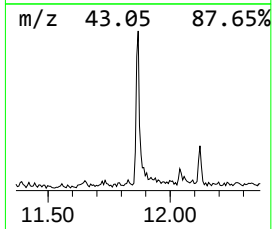
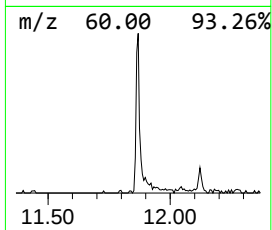
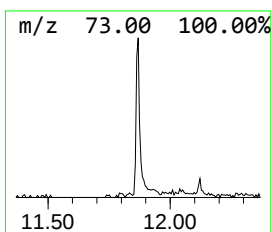
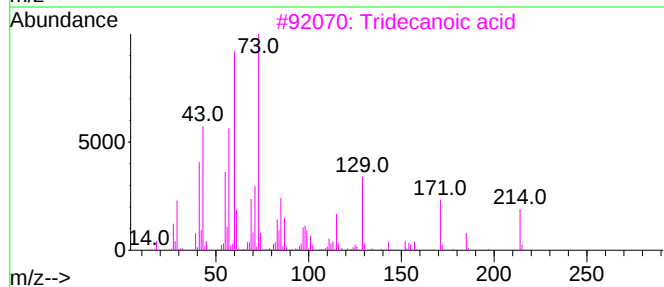
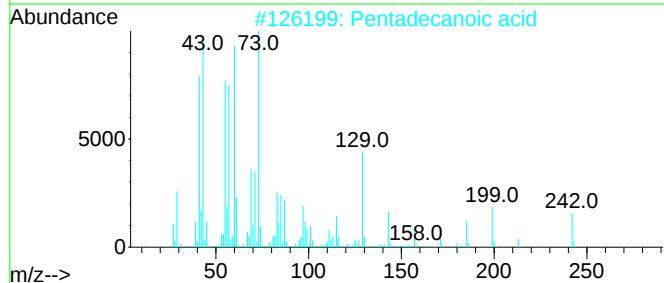
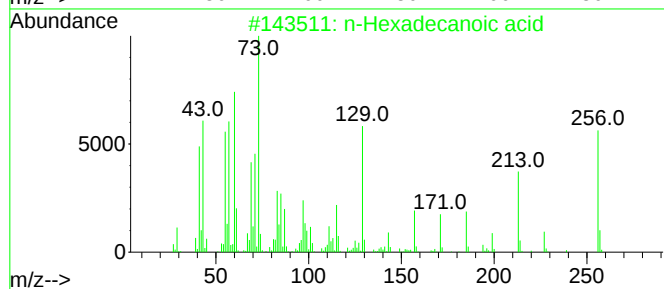
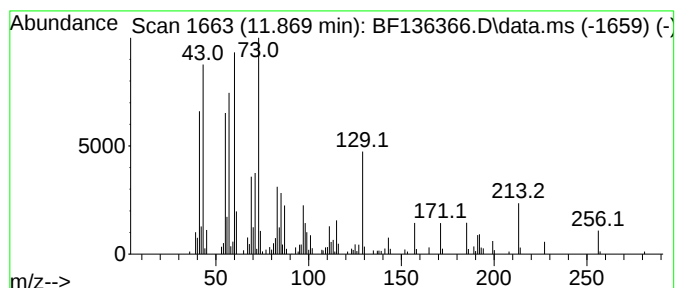
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	5.86 ng	173739	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			n-Decanoic acid	172	C10H20O2	000334-48-5	86
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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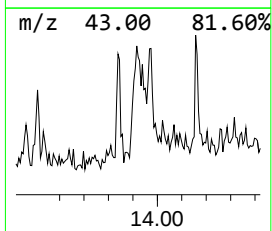
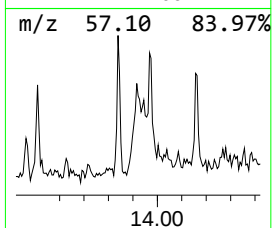
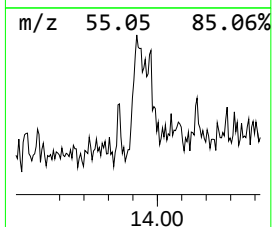
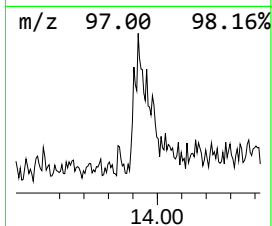
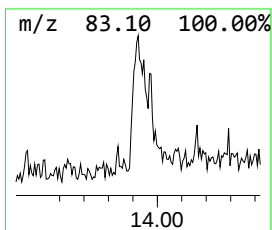
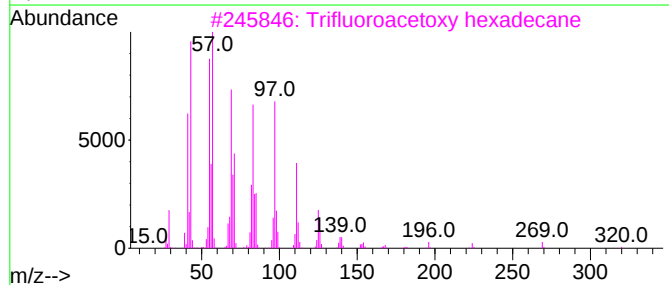
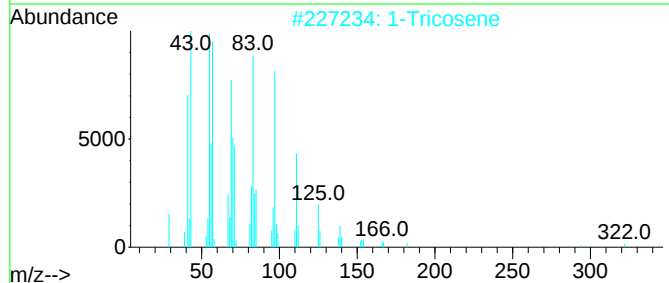
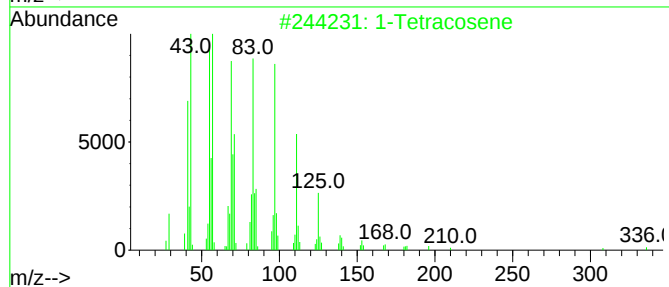
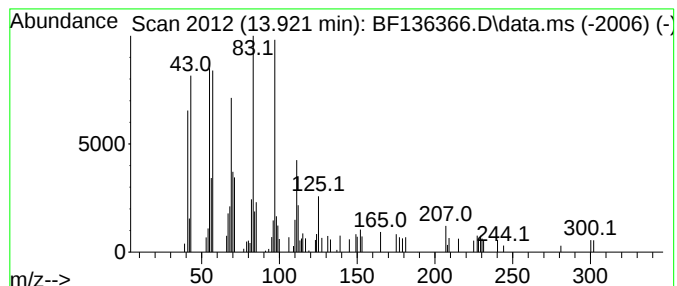
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Peak Number 2 1-Tetracosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	2.42 ng	84703	Chrysene-d12	13.980

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene			336	C24H48	010192-32-2	55
2	1-Tricosene			322	C23H46	018835-32-0	55
3	Trifluoroacetoxy hexadecane			338	C18H33F3O2	006222-03-3	49
4	2- Chloropropionic acid, octadec...			360	C21H41ClO2	088104-31-8	49
5	Heptafluorobutyric acid, hexadec...			438	C20H33F7O2	006385-15-5	49



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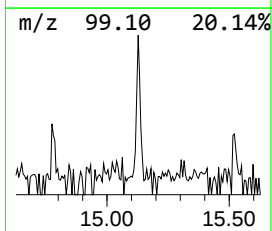
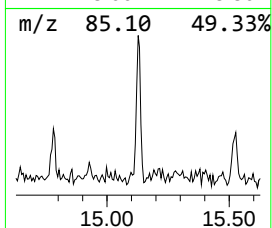
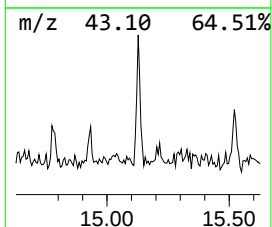
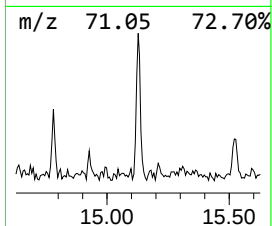
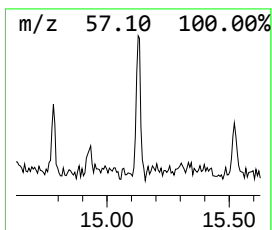
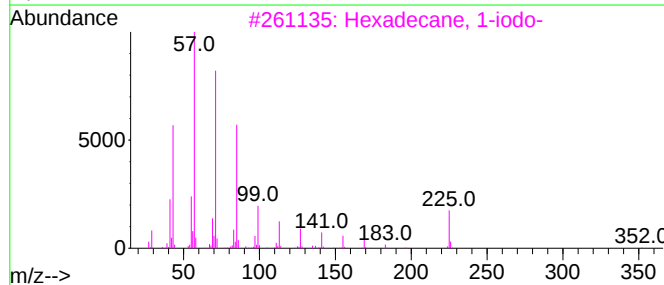
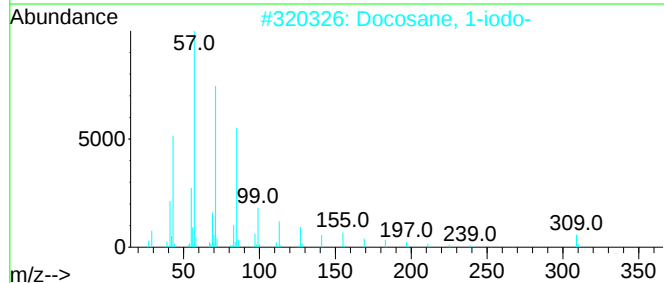
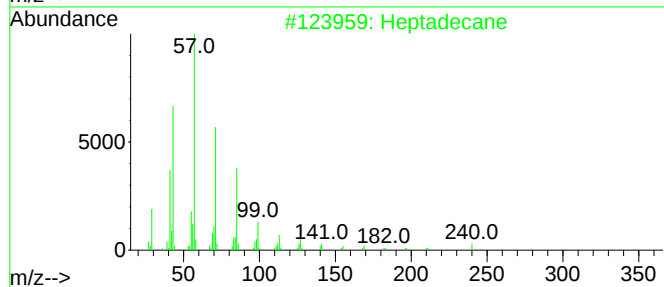
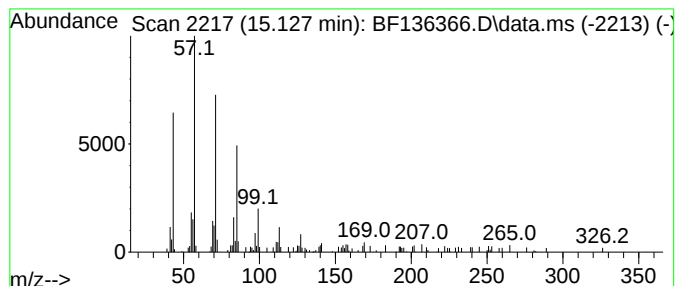
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Peak Number 3 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	2.48 ng	62029	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
4			Heneicosane	296	C21H44	000629-94-7	87
5			Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	87



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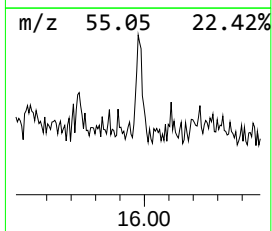
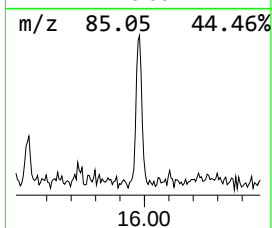
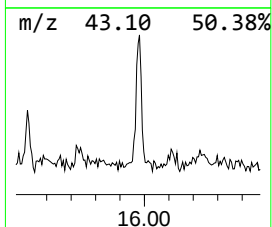
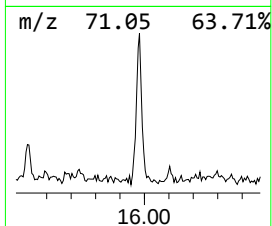
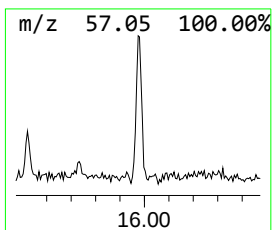
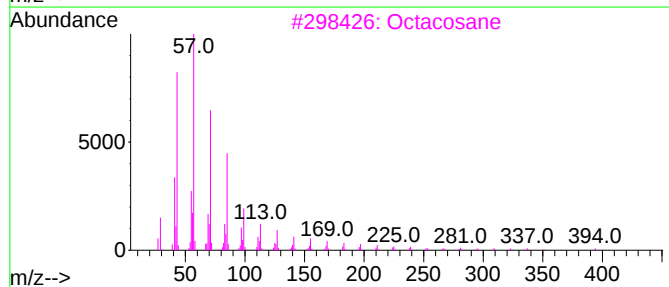
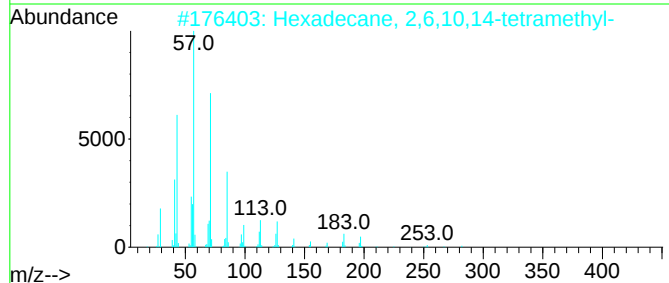
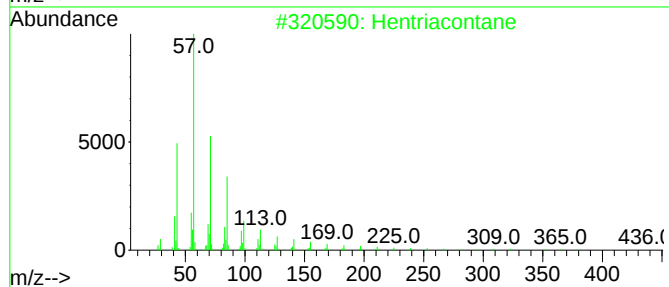
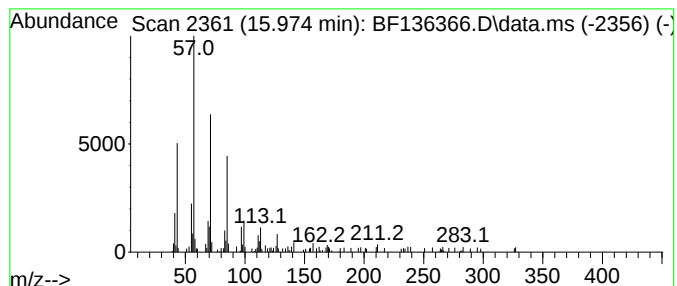
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Peak Number 4 Hentriacontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	3.61 ng	90339	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3			Octacosane	394	C28H58	000630-02-4	87
4			Tetracosane	338	C24H50	000646-31-1	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
n-Hexadecanoic ...	11.869	5.9	ng	173739	4	11.327	592834	20.0
1-Tetracosene	13.921	2.4	ng	84703	5	13.980	700365	20.0
Heptadecane	15.127	2.5	ng	62029	6	15.468	500540	20.0
Hentriacontane	15.974	3.6	ng	90339	6	15.468	500540	20.0