

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119592.D
 Acq On : 28 Mar 2020 3:19
 Operator : CG/JU
 Sample : L2049-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(10-12)

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-BF031820.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	2.216	17	22	28	rVB	87912	110523	1.78%	0.218%
2	5.046	495	503	513	rBV	109890	143410	2.31%	0.283%
3	5.440	565	570	574	rBV	5116055	5242613	84.59%	10.351%
4	6.451	737	742	745	rBV	4980626	5437995	87.74%	10.737%
5	6.834	803	807	810	rBV	2013857	1751513	28.26%	3.458%
6	6.987	829	833	837	rBV	4769881	4139982	66.80%	8.174%
7	7.392	897	902	905	rBV	3811813	3416426	55.12%	6.745%
8	8.116	1020	1025	1028	rBV	2521235	2134470	34.44%	4.214%
9	9.192	1203	1208	1212	rBV	6200423	6169970	99.55%	12.182%
10	9.586	1267	1275	1279	rBV	441879	358379	5.78%	0.708%
11	9.875	1319	1324	1327	rBV	3083465	2517471	40.62%	4.971%
12	10.663	1453	1458	1461	rBV	4538063	3968153	64.03%	7.835%
13	11.363	1573	1577	1580	rBV	3111132	2679107	43.23%	5.290%
14	11.892	1663	1667	1682	rBV	231290	316310	5.10%	0.625%
15	12.674	1797	1800	1808	rBV2	63373	77766	1.25%	0.154%
16	12.951	1842	1847	1850	rBV	6746259	6197771	100.00%	12.237%
17	13.857	1997	2001	2016	rBV	535790	923450	14.90%	1.823%
18	14.004	2021	2026	2029	rBV	2314319	2139849	34.53%	4.225%
19	14.174	2051	2055	2063	rBV	164554	147844	2.39%	0.292%
20	14.480	2103	2107	2111	rBV	191428	179709	2.90%	0.355%
21	14.786	2155	2159	2163	rVB	173398	160588	2.59%	0.317%
22	15.127	2213	2217	2223	rBV	164143	190402	3.07%	0.376%
23	15.463	2268	2274	2279	rBV	1378848	1705659	27.52%	3.368%
24	15.510	2279	2282	2289	rVB	132890	176052	2.84%	0.348%
25	15.951	2352	2357	2363	rVB	86699	129661	2.09%	0.256%
26	16.457	2438	2443	2449	rVB2	53346	93134	1.50%	0.184%
27	16.974	2524	2531	2542	rBV5	39376	139757	2.25%	0.276%

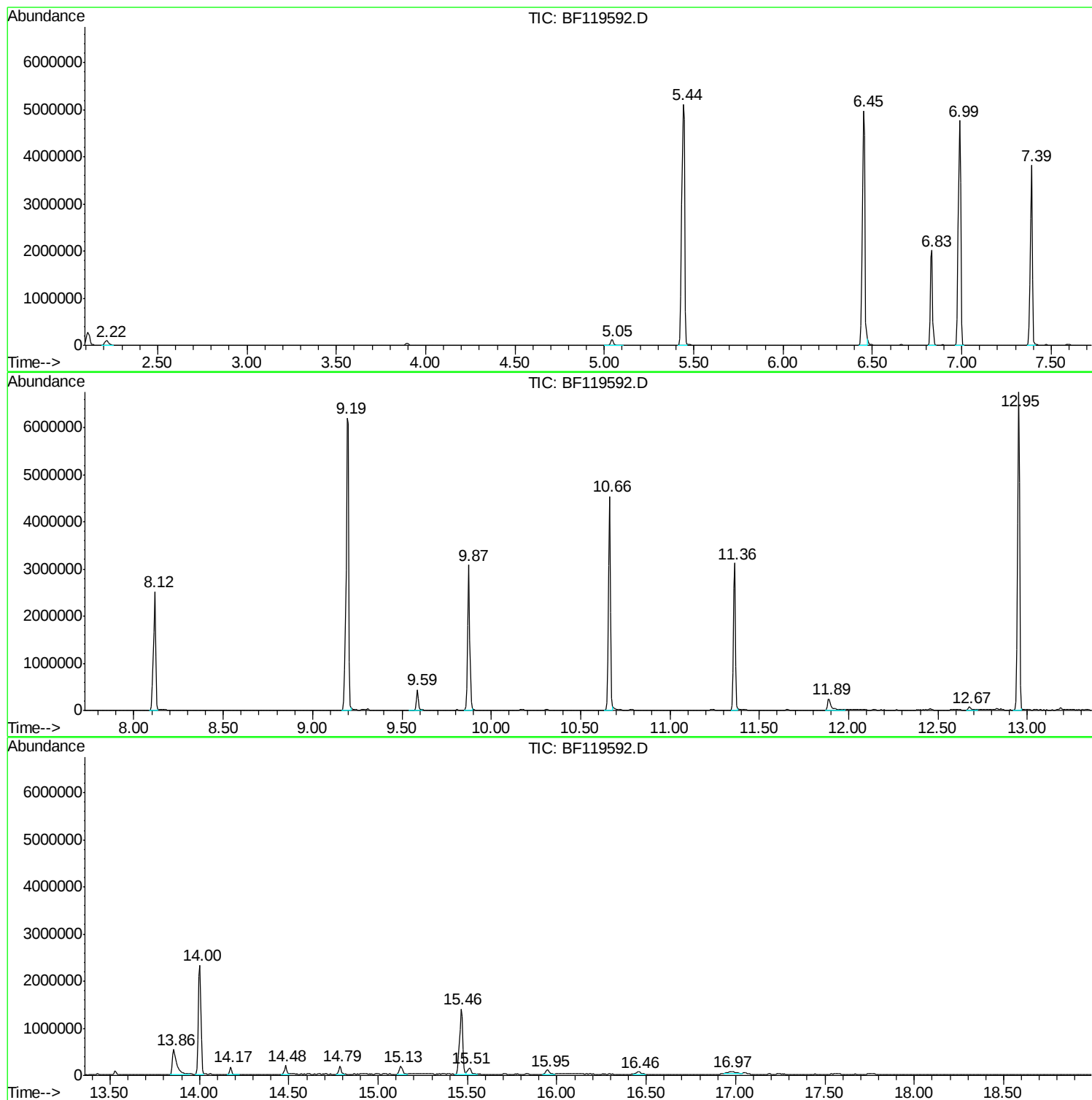
Sum of corrected areas: 50647964

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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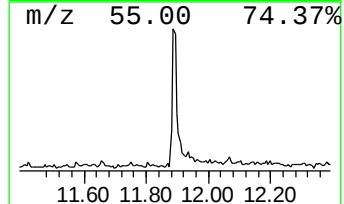
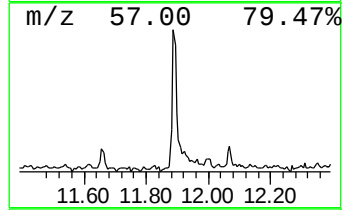
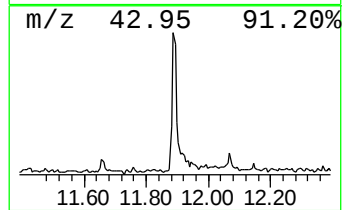
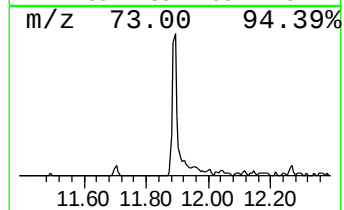
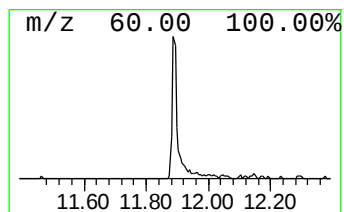
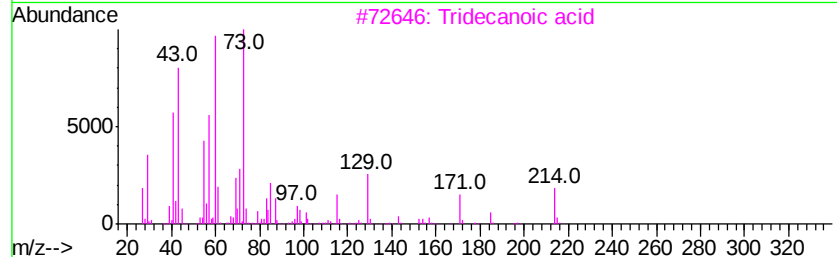
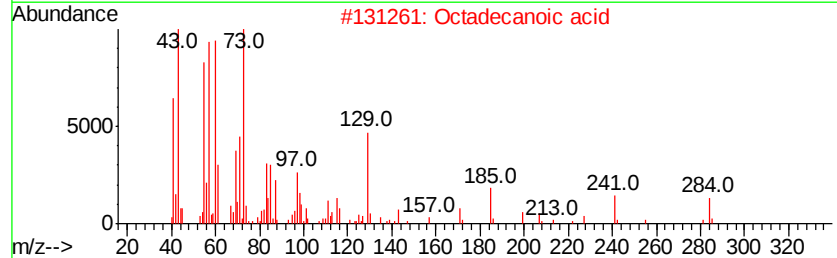
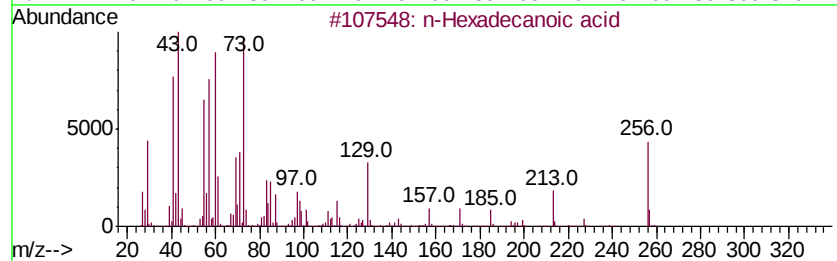
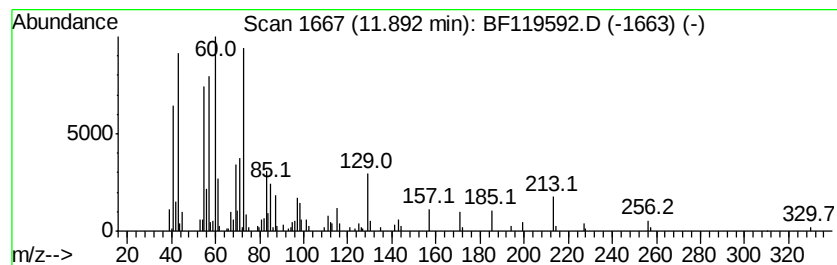
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.89	2.36 ng	316310	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Octadecanoic acid	284	C18H36O2	000057-11-4	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	78



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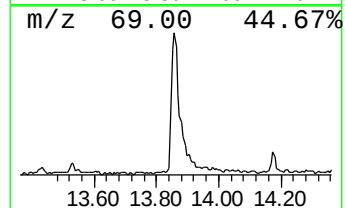
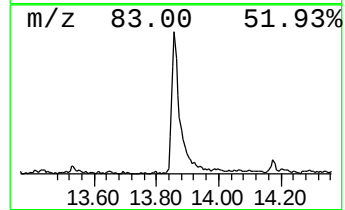
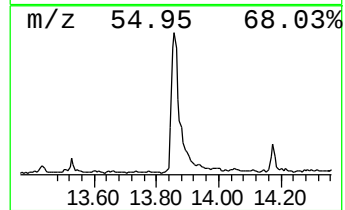
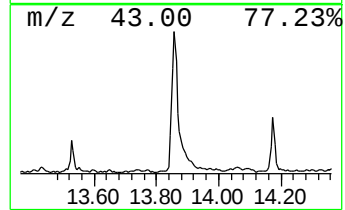
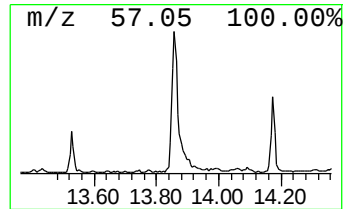
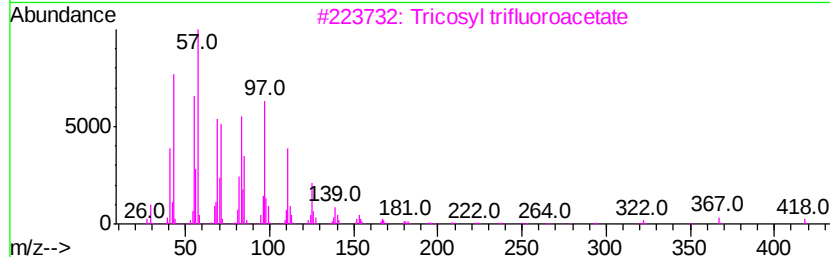
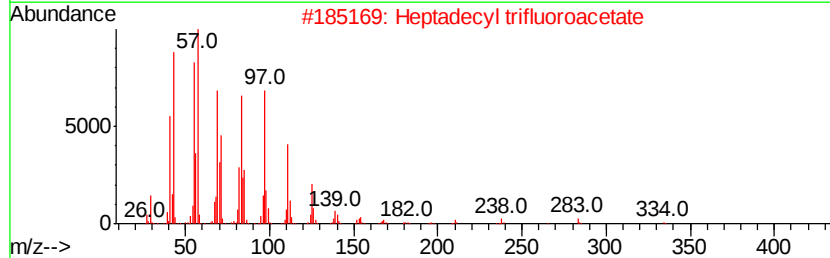
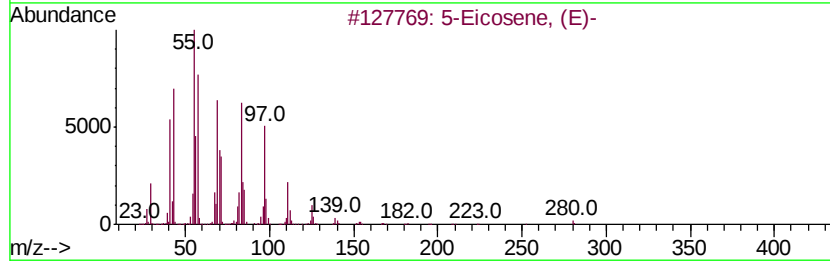
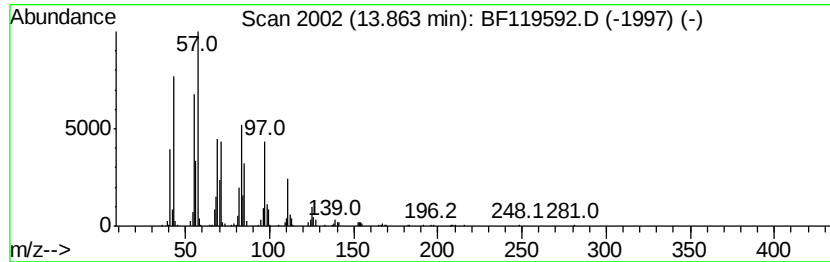
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.86	8.63 ng	923450	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91



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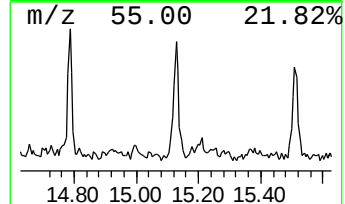
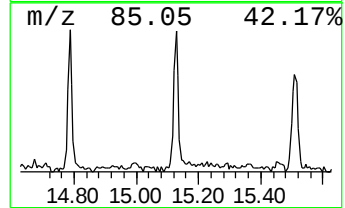
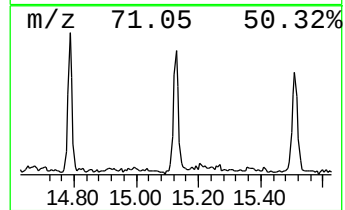
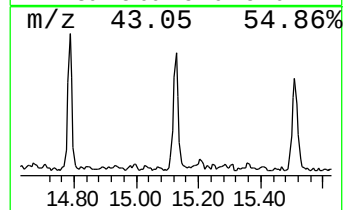
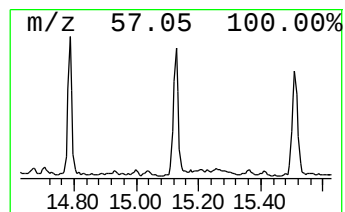
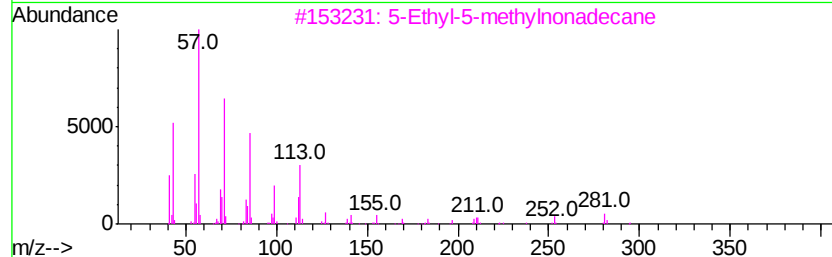
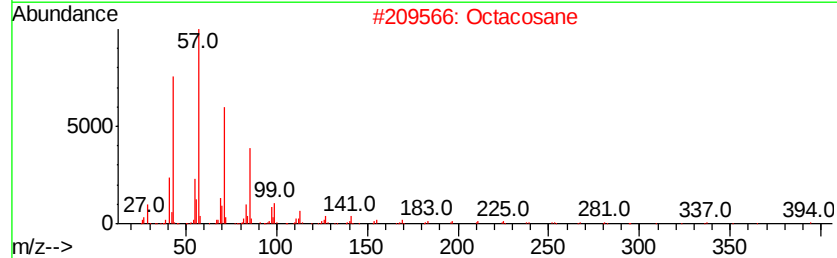
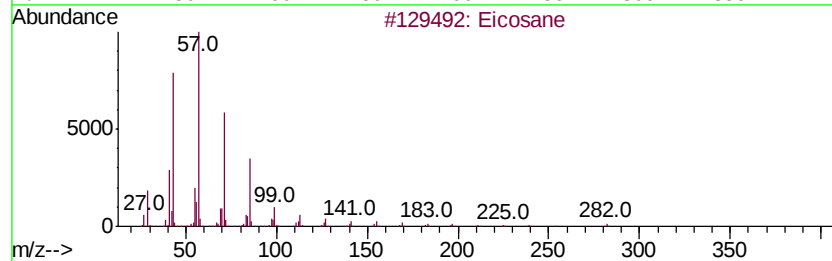
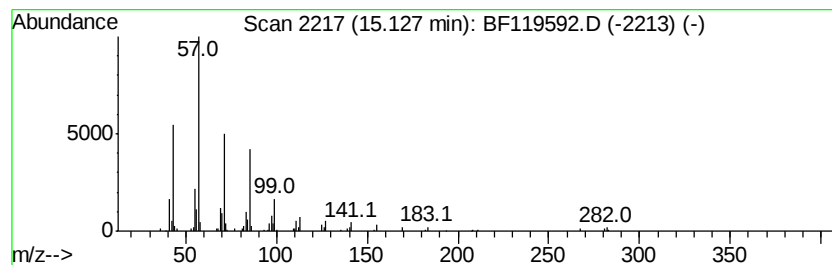
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Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.23 ng	190402	Perylene-d12	15.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Octacosane	394 C28H58	000630-02-4	91
3	5-Ethyl-5-methylnonadecane	310 C22H46	1000360-42-7	91
4	Tetracosane	338 C24H50	000646-31-1	90
5	Octadecane	254 C18H38	000593-45-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.89	2.4	ng	316310	4	11.36	2679110	20.0
5-Eicosene, (E)-	13.86	8.6	ng	923450	5	14.00	2139850	20.0
Eicosane	15.13	2.2	ng	190402	6	15.46	1705660	20.0