LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119602.D
Acq On : 28 Mar 2020 7:48
Operator : CG/JU
Sample : L2053-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15-SA

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	rBV	104123	130542	2.01%	0.254%
2	5.046	495	503	509	rBV	125614	155558	2.40%	0.303%
3	5.440	565	570	574	rBV	5569021	5831400	89.91%	11.345%
4	6.451	737	742	745	rBV	5342678	5887104	90.77%	11.453%
5	6.828	803	806	810	rBV	1733066	1576755	24.31%	3.068%
6	6.987	829	833	837	rBV	4918542	4393508	67.74%	8.547%
7	7.393	897	902	905	rBV	4214057	3839604	59.20%	7.470%
8	8.116	1020	1025	1028	rBV	2495617	2109459	32.53%	4.104%
9	9.198	1203	1209	1212	rBV	6611398	6485508	100.00%	12.617%
10	9.586	1267	1275	1285	rBV	798092	643391	9.92%	1.252%
11	9.875	1317	1324	1327	rBV	2802459	2400147	37.01%	4.669%
12	10.663	1453	1458	1461	rBV	4105457	3764258	58.04%	7.323%
13	11.363	1573	1577	1580	rBV	2547461	2275375	35.08%	4.427%
14	11.892	1663	1667	1677	rBV	303727	365185	5.63%	0.710%
15	12.675	1797	1800	1807	rBV2	94987	113365	1.75%	0.221%
16	12.951	1842	1847	1850	rBV	6779578	6095597	93.99%	11.859%
17	13.433	1925	1929	1932	rBV	85347	78644	1.21%	0.153%
18	13.857	1997	2001	2020	rBV	549018	1039369	16.03%	2.022%
19	13.998	2021	2025	2029	rBV	1835231	1829265	28.21%	3.559%
20	14.174	2052	2055	2058	rBV	105229	88717	1.37%	0.173%
21	14.480	2103	2107	2110	rBV	145912	132042	2.04%	0.257%
22	14.786	2156	2159	2164	rVB	158643	148261	2.29%	0.288%
23	15.127	2213	2217	2222	rVB	154260	174223	2.69%	0.339%
24	15.463	2269	2274	2278	rBV	1156260	1423174	21.94%	2.769%
25	15.510	2278	2282	2290	rVB	124635	184806	2.85%	0.360%
26	15.945	2351	2356	2362	rVB	90017	138174	2.13%	0.269%
27	16.451	2437	2442	2449	rBV3	52679	97951	1.51%	0.191%

Sum of corrected areas: 51401382

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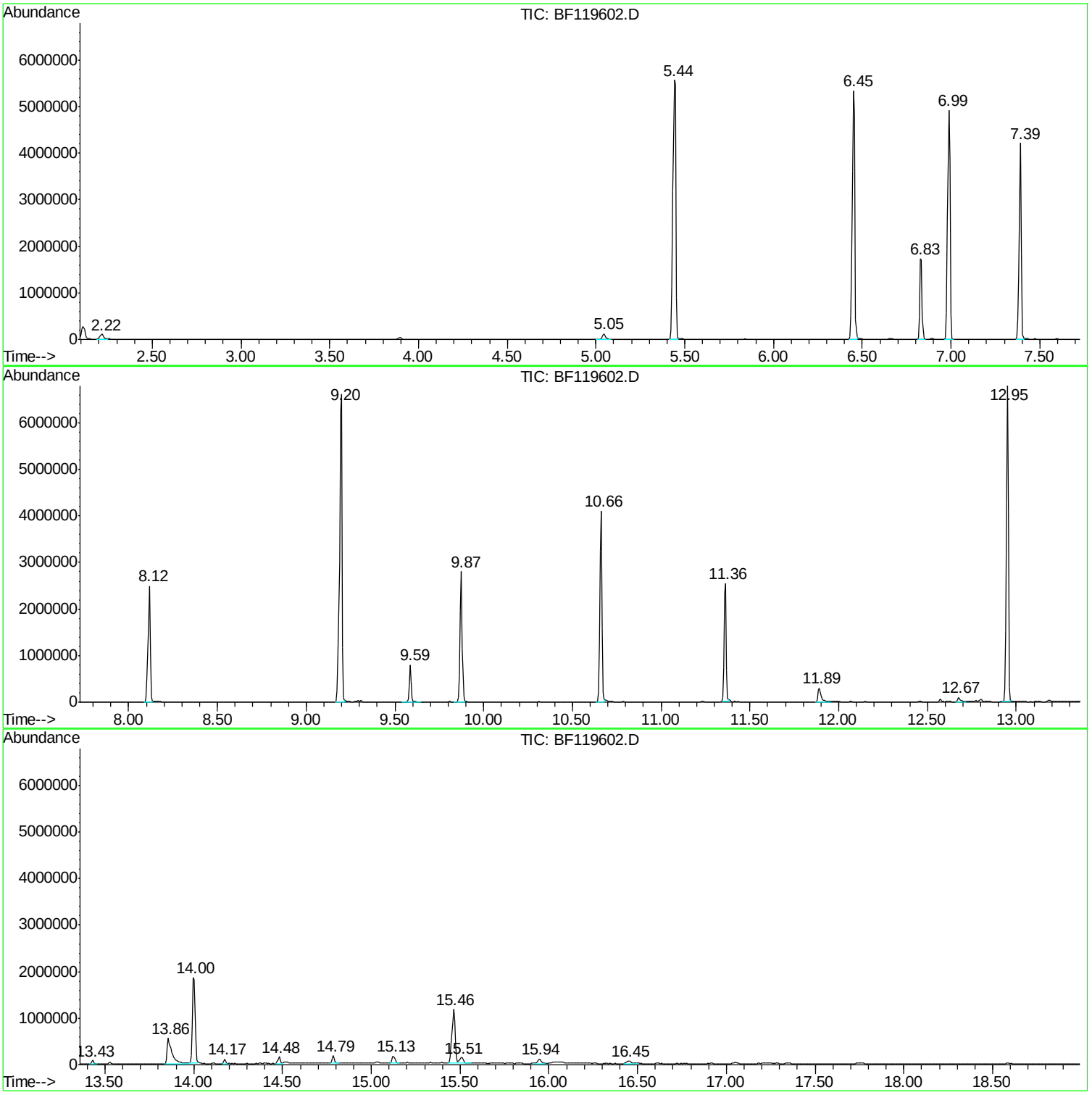
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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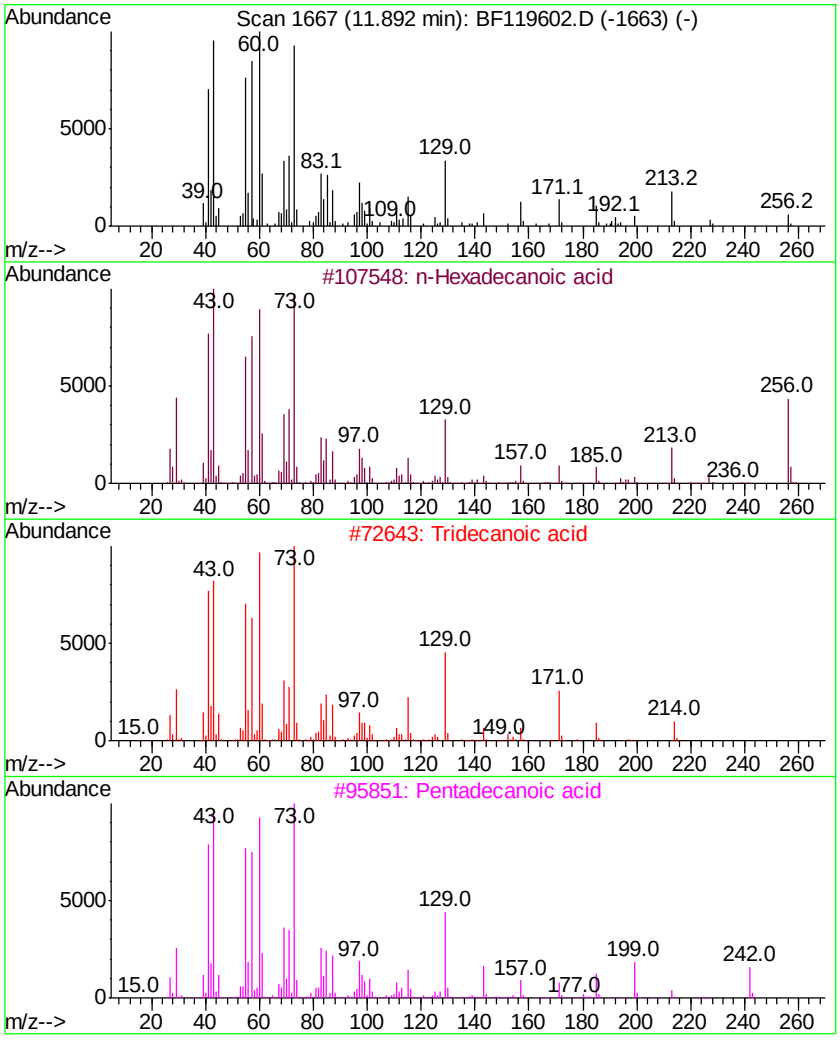
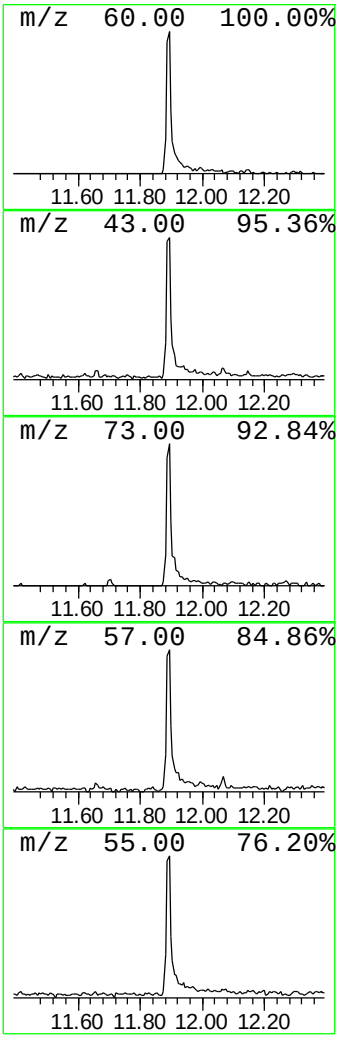
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.21 ng	365185	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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ClientSampleId : TP-15-SA

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TIC Library : C:\DATABASE\NIST11.L
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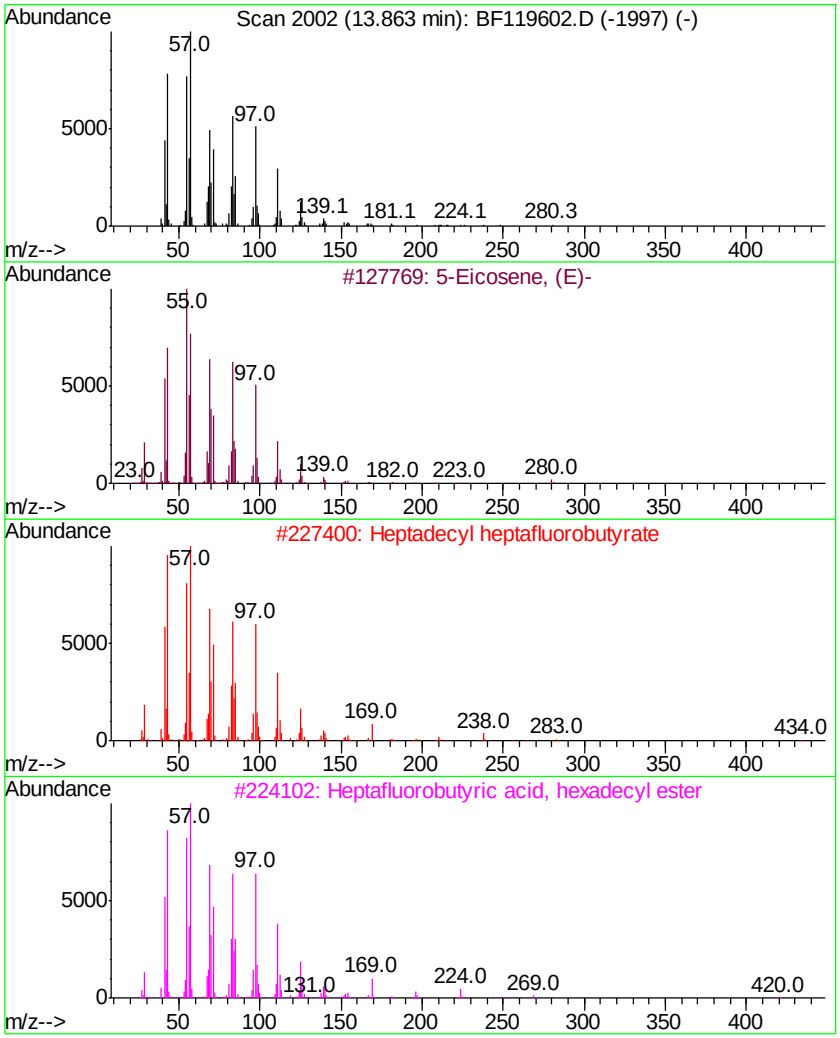
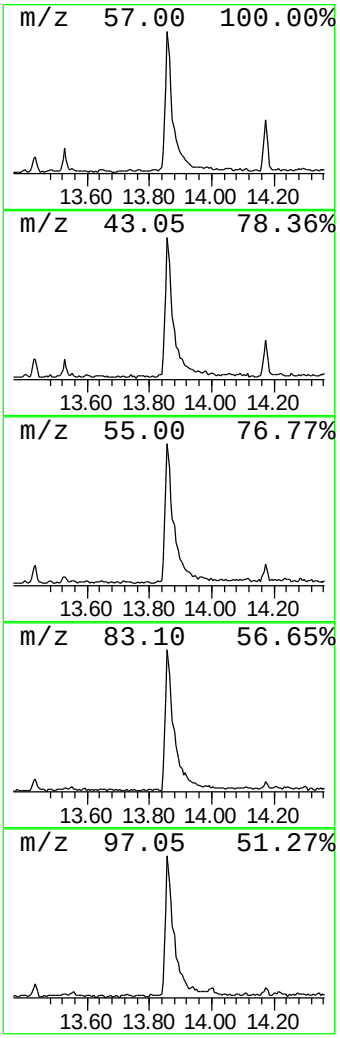
Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	11.36 ng	1039370	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	Cycloeicosane	280	C20H40	000296-56-0	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	92





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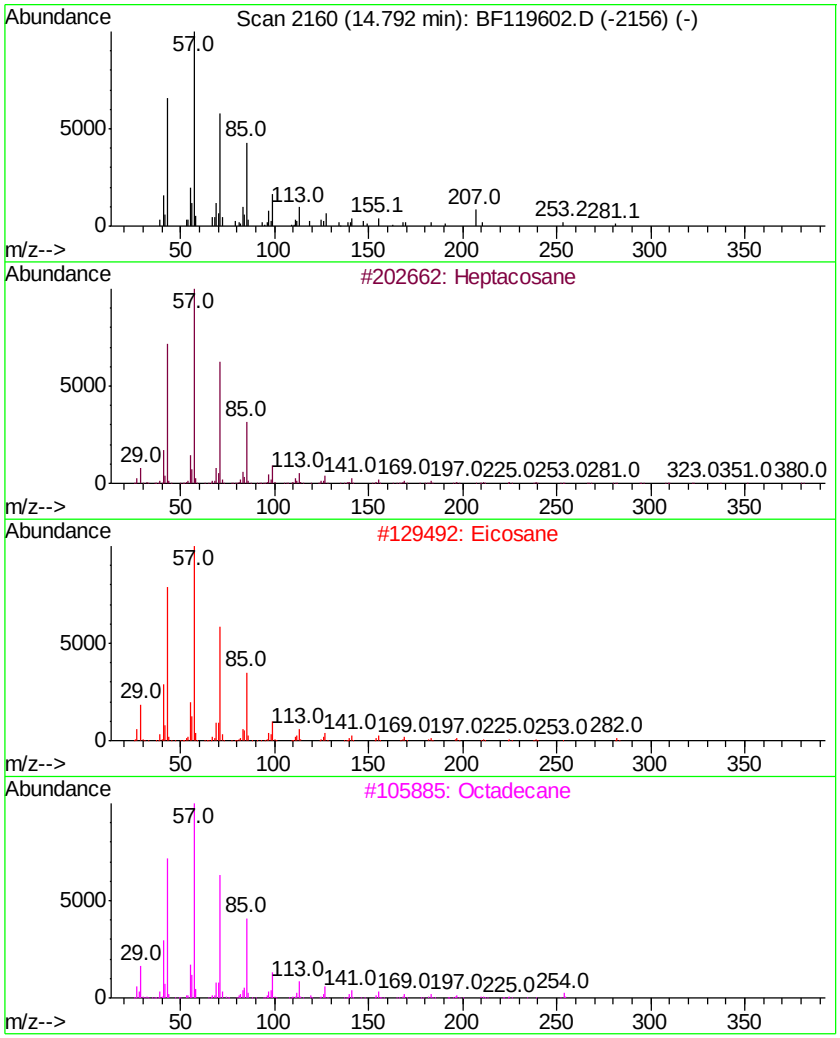
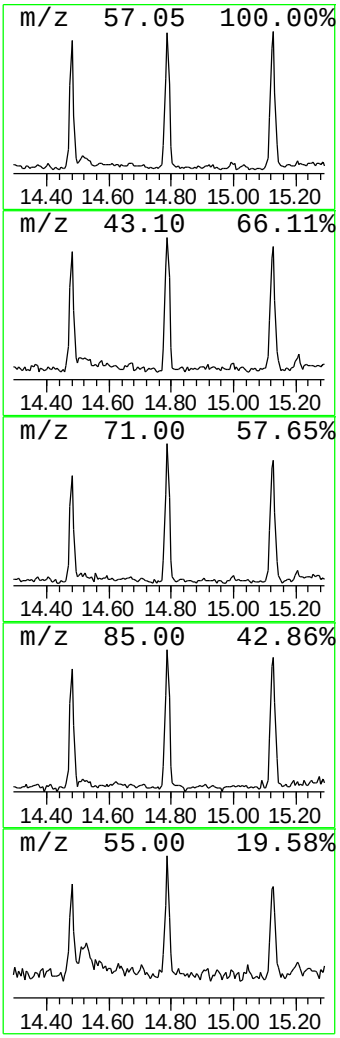
Peak Number 4 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.08 ng	148261	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	1-Iodoundecane	282	C11H23I	004282-44-4	81





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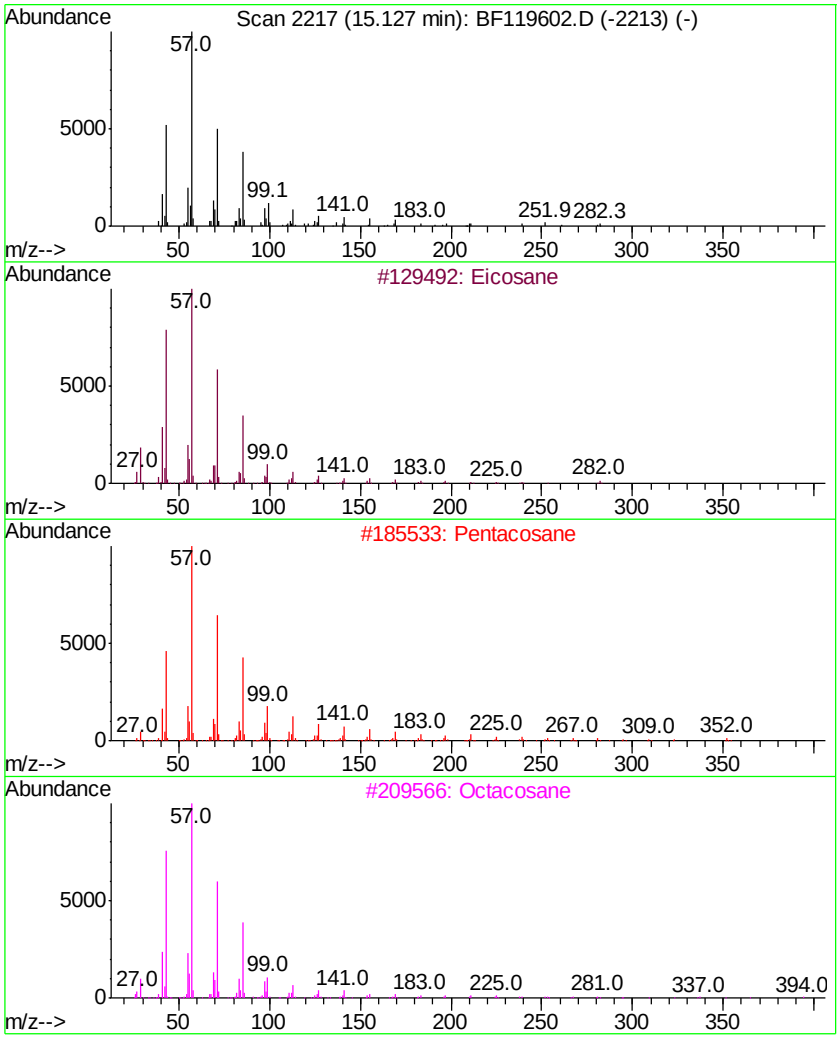
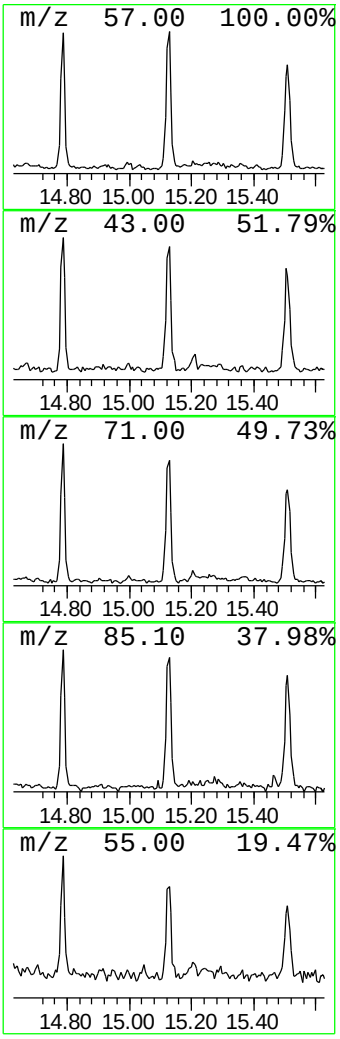
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.45 ng	174223	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Pentacosane	352	C25H52	000629-99-2	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexacosane	366	C26H54	000630-01-3	86
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	11.89	3.2	ng	365185	4	11.36	2275380	20.0
5-Eicosene, (E)-	13.86	11.4	ng	1039370	5	14.00	1829270	20.0
Heptacosane	14.79	2.1	ng	148261	6	15.46	1423170	20.0
Eicosane	15.13	2.5	ng	174223	6	15.46	1423170	20.0