LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125851.D
Acq On : 14 Oct 2021 18:41
Operator : JU/CG
Sample : M4191-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-5

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125851.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.451	567	572	575	rBV	3752222	3540817	82.67%	10.517%
2	6.457	738	743	746	rBV	3223506	3598693	84.02%	10.688%
3	6.834	803	807	810	rBV	1154569	954597	22.29%	2.835%
4	7.392	897	902	905	rBV	2556603	2278462	53.20%	6.767%
5	8.016	1004	1008	1020	rBV	949784	812577	18.97%	2.413%
6	8.110	1020	1024	1028	rBV	1554029	1337076	31.22%	3.971%
7	9.186	1202	1207	1210	rBV	4785818	4282965	100.00%	12.721%
8	9.863	1318	1322	1326	rBV	1851221	1528352	35.68%	4.539%
9	10.651	1452	1456	1459	rBV	3045426	2678448	62.54%	7.955%
10	11.345	1570	1574	1576	rBV	1940868	1556948	36.35%	4.624%
11	11.369	1576	1578	1581	rVV	654662	478293	11.17%	1.421%
12	11.416	1581	1586	1590	rVB	143704	143458	3.35%	0.426%
13	11.575	1608	1613	1615	rBV2	53674	48372	1.13%	0.144%
14	11.739	1636	1641	1649	rVB	87031	75434	1.76%	0.224%
15	11.845	1656	1659	1661	rBV	65998	56526	1.32%	0.168%
16	11.875	1661	1664	1668	rVV	395057	359621	8.40%	1.068%
17	11.957	1675	1678	1681	rBV	109076	111861	2.61%	0.332%
18	12.445	1756	1761	1764	rVB4	32504	50815	1.19%	0.151%
19	12.557	1776	1780	1783	rBV	858617	695982	16.25%	2.067%
20	12.657	1793	1797	1803	rBV2	128706	154017	3.60%	0.457%
21	12.780	1812	1818	1822	rBV	639914	691491	16.15%	2.054%
22	12.933	1840	1844	1847	rVB	3711722	3554381	82.99%	10.557%
23	12.998	1850	1855	1859	rBV2	35548	63334	1.48%	0.188%
24	13.086	1863	1870	1872	rBV5	37027	50631	1.18%	0.150%
25	13.110	1872	1874	1877	rVB	81446	65503	1.53%	0.195%
26	13.174	1881	1885	1888	rVB2	41933	46488	1.09%	0.138%
27	13.216	1888	1892	1895	rBV2	59471	63218	1.48%	0.188%
28	13.504	1935	1941	1944	rBV6	32421	58841	1.37%	0.175%
29	13.616	1953	1960	1964	rVB	54558	61298	1.43%	0.182%
30	13.727	1974	1979	1982	rBV2	48998	66219	1.55%	0.197%
31	13.827	1992	1996	2002	rVB3	101377	146197	3.41%	0.434%
32	13.980	2013	2022	2024	rBV2	1302984	1440679	33.64%	4.279%
33	14.004	2024	2026	2032	rVB	302028	256591	5.99%	0.762%
34	14.451	2097	2102	2106	rBV3	41877	49621	1.16%	0.147%
35	14.833	2163	2167	2169	rBV	50267	52655	1.23%	0.156%
36	15.004	2192	2196	2200	rBV	240246	381887	8.92%	1.134%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.304	2243	2247	2253	rVB	141061	174732	4.08%	0.519%
38	15.363	2253	2257	2263	rVB	200017	232565	5.43%	0.691%
39	15.427	2263	2268	2272	rBV	896323	1132550	26.44%	3.364%
40	16.862	2506	2512	2521	rVB2	91107	184190	4.30%	0.547%
41	17.292	2580	2585	2598	rVB	70273	152458	3.56%	0.453%

Sum of corrected areas: 33668843

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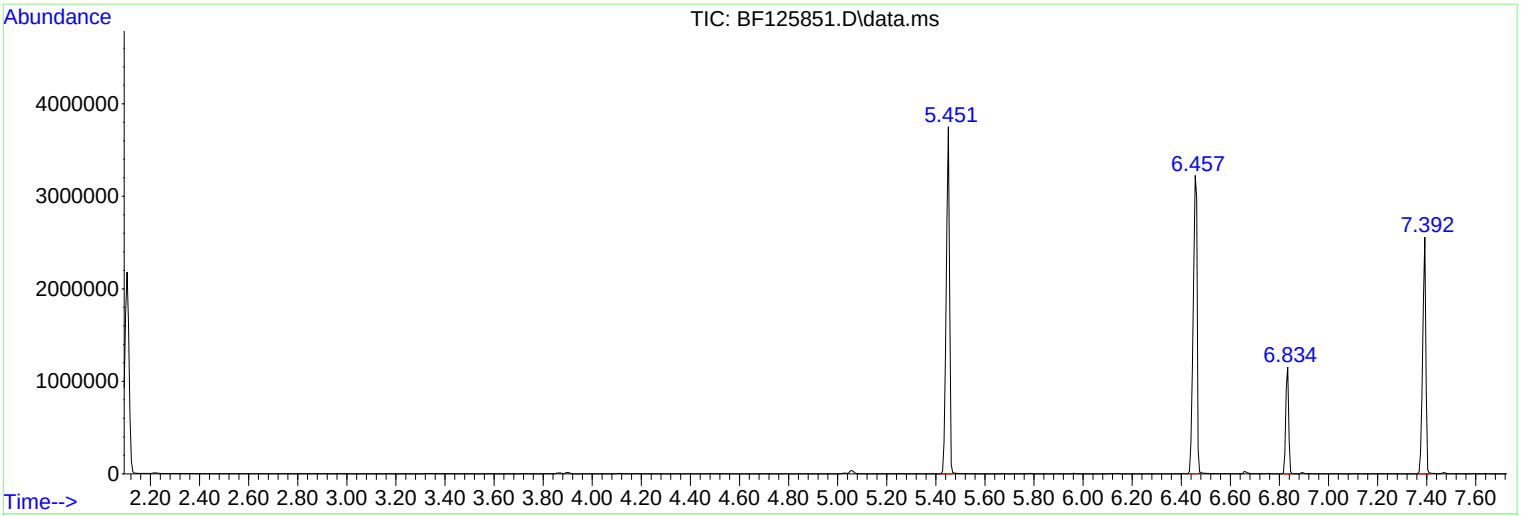
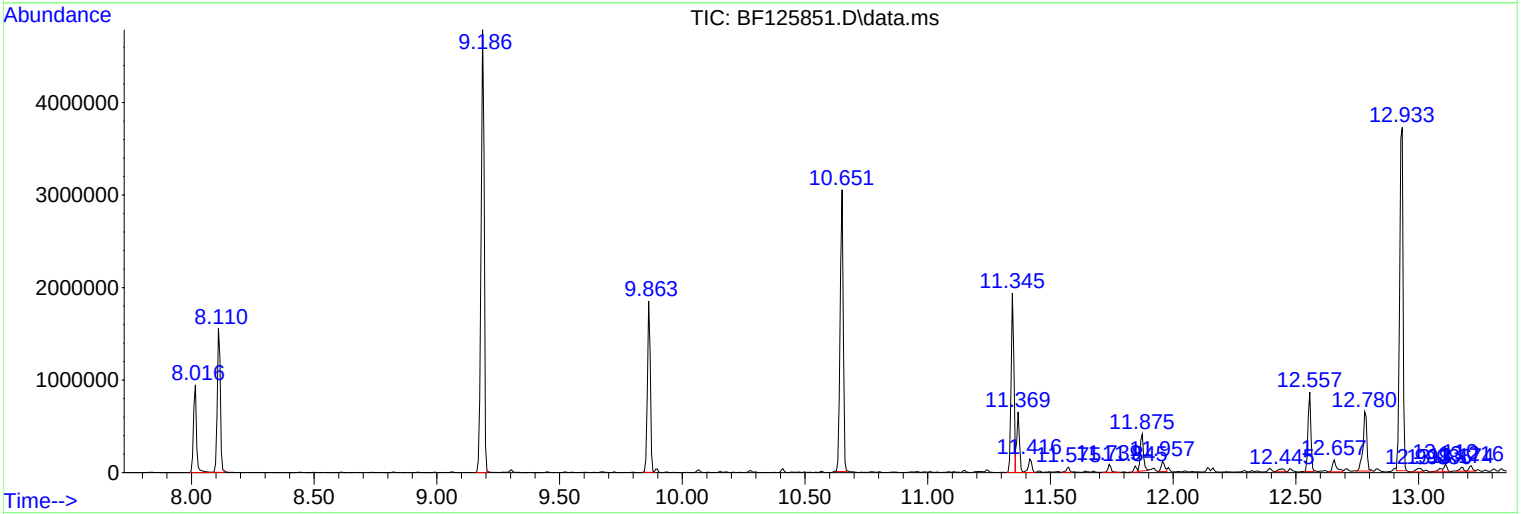
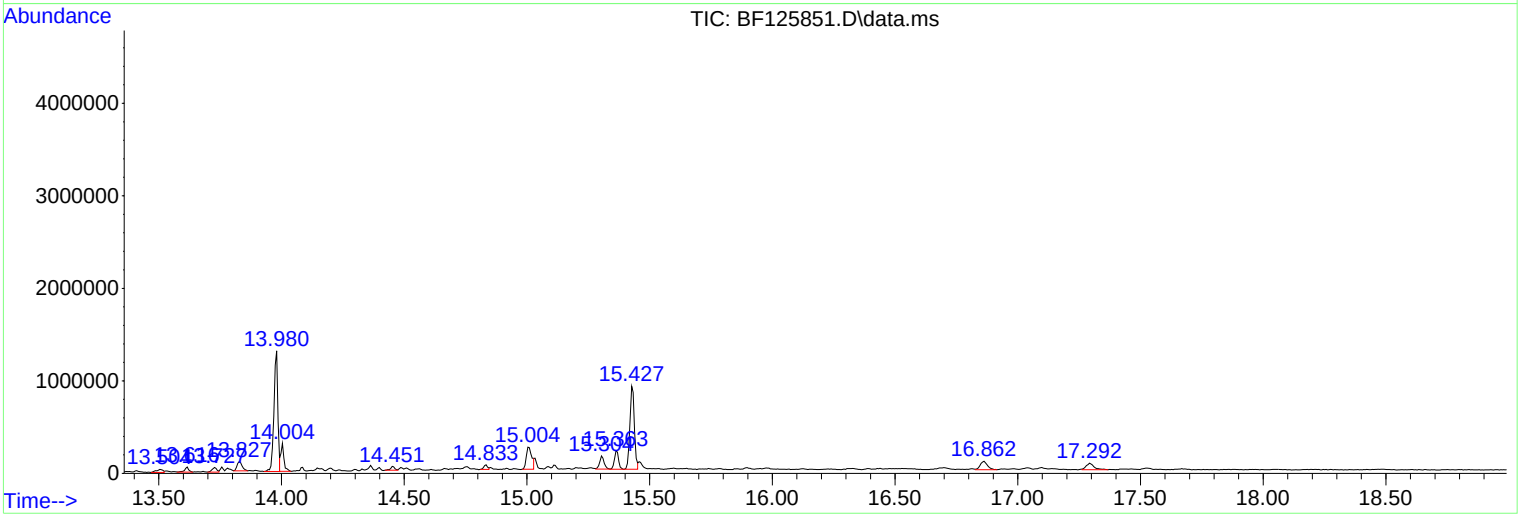
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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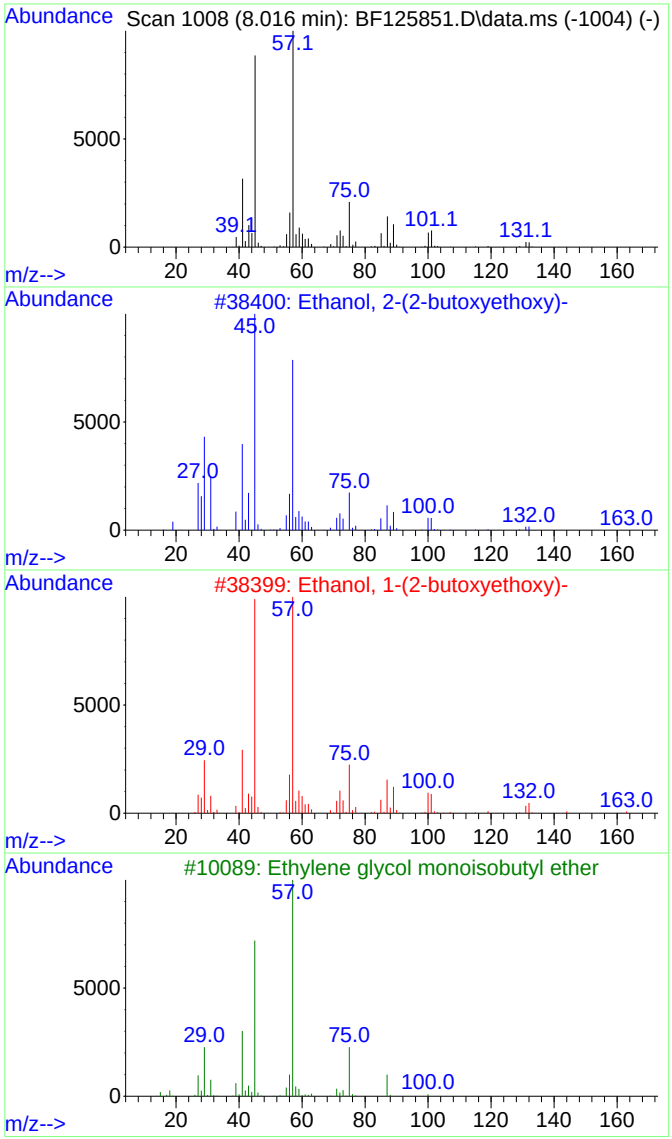
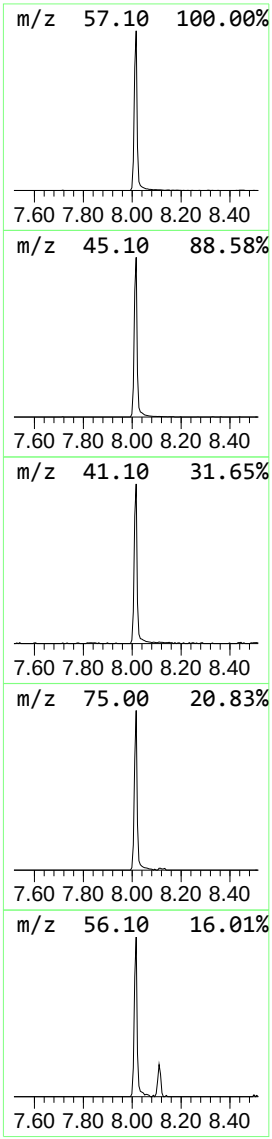
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	12.15 ng	812577	Naphthalene-d8	8.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	59





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ClientSampleId :
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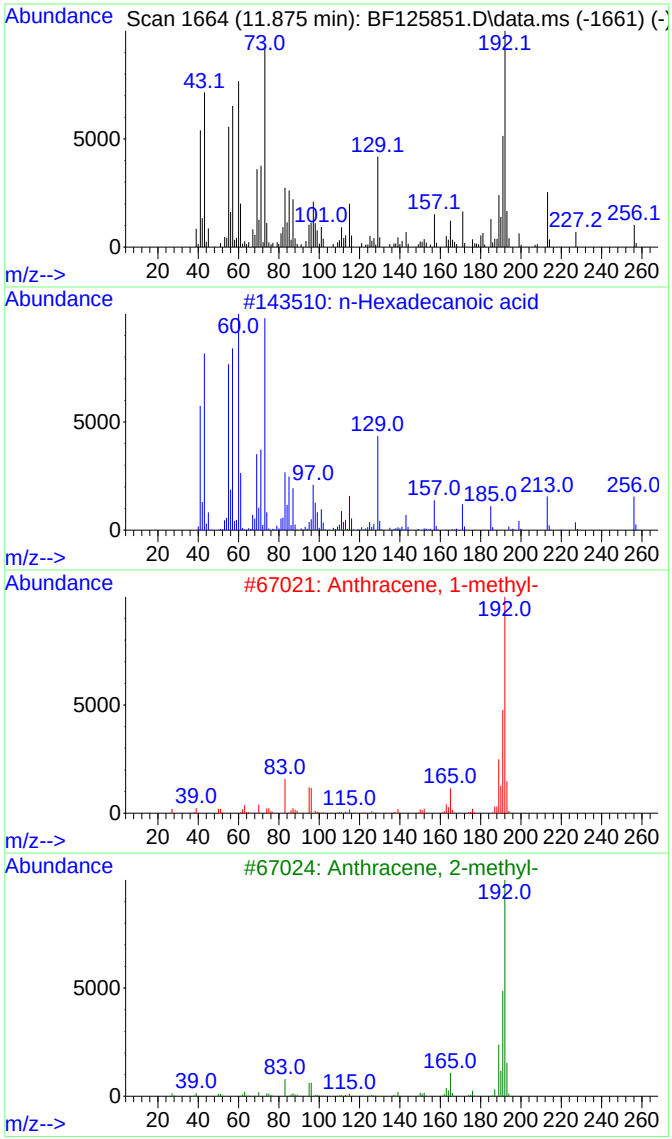
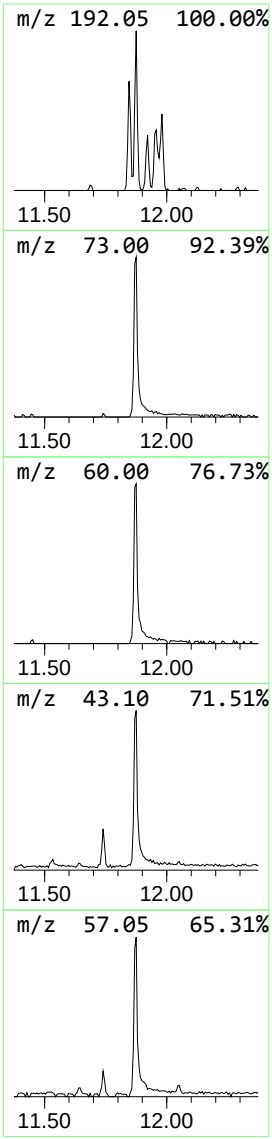
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	4.62 ng	359621	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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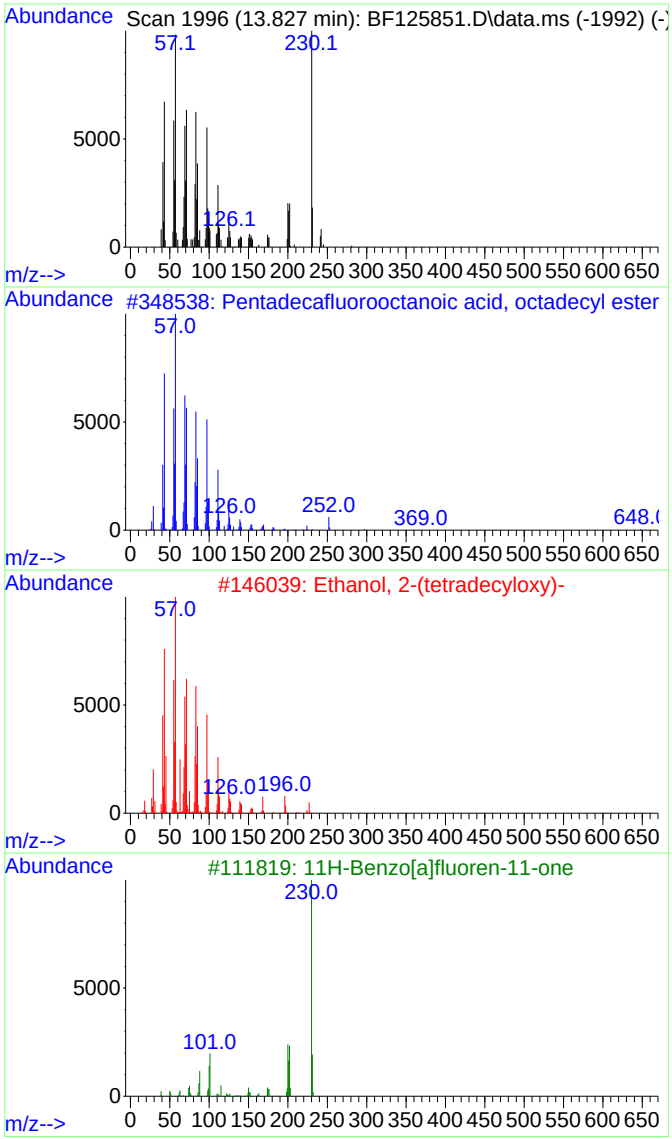
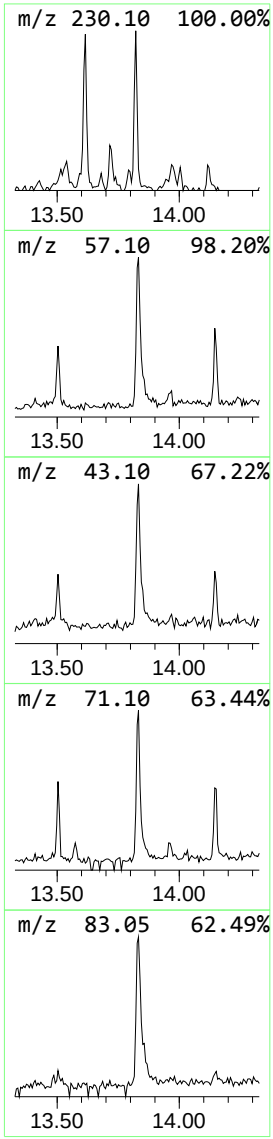
****
Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	2.03 ng	146197	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	60
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	55
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55
5	Hexadecyl propyl ether	284	C19H40O	1000406-27-9	53





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	8.016	12.2	ng	812577	2	8.110	1337080	20.0
n-Hexadecanoic ...	11.874	4.6	ng	359621	4	11.345	1556950	20.0
Pentadecafluoro...	13.827	2.0	ng	146197	5	13.980	1440680	20.0