LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128509.D
Acq On : 27 May 2022 14:41
Operator : CG\JU
Sample : N2922-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P024-SS001-1824-01

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-BF052622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128509.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	469	472	479	rVB	50376	60384	1.20%	0.163%
2	5.451	532	538	541	rBV	3952390	3990700	79.13%	10.764%
3	6.457	703	709	712	rBV	3750073	4110555	81.51%	11.087%
4	6.839	770	774	777	rBV	1455166	1271628	25.21%	3.430%
5	7.398	864	869	872	rBV	2990315	2783550	55.19%	7.508%
6	8.116	987	991	995	rBV	1818061	1701360	33.74%	4.589%
7	9.198	1169	1175	1178	rBV	5452974	4932117	97.80%	13.303%
8	9.874	1285	1290	1294	rBV	2371596	2037947	40.41%	5.497%
9	10.663	1419	1424	1427	rBV	3566764	3299112	65.42%	8.898%
10	11.363	1539	1543	1546	rBV	2609838	2171970	43.07%	5.858%
11	11.433	1549	1555	1557	rVB3	49880	51980	1.03%	0.140%
12	11.763	1605	1611	1615	rVB	69416	60663	1.20%	0.164%
13	11.898	1629	1634	1641	rBV	679414	742378	14.72%	2.002%
14	12.680	1763	1767	1777	rVB	144534	163665	3.25%	0.441%
15	12.957	1809	1814	1817	rBV	5135155	5043297	100.00%	13.603%
16	13.145	1841	1846	1849	rBV	40812	53955	1.07%	0.146%
17	13.862	1964	1968	1986	rBV	416273	1088750	21.59%	2.937%
18	14.004	1986	1992	1995	rBV	1560346	1550031	30.73%	4.181%
19	14.098	2003	2008	2018	rVB	559553	659574	13.08%	1.779%
20	15.468	2235	2241	2247	rBV	879344	1120513	22.22%	3.022%
21	15.956	2320	2324	2330	rVB2	42520	66601	1.32%	0.180%
22	16.080	2333	2345	2348	rBV10	30865	115303	2.29%	0.311%

Sum of corrected areas: 37076033

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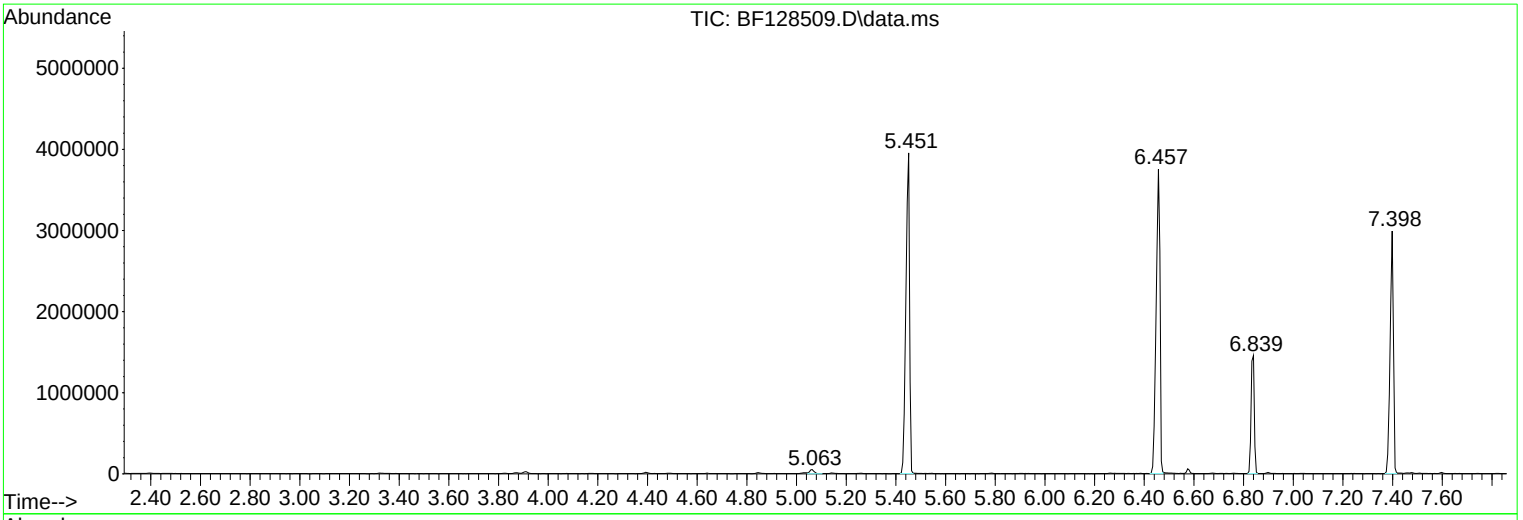
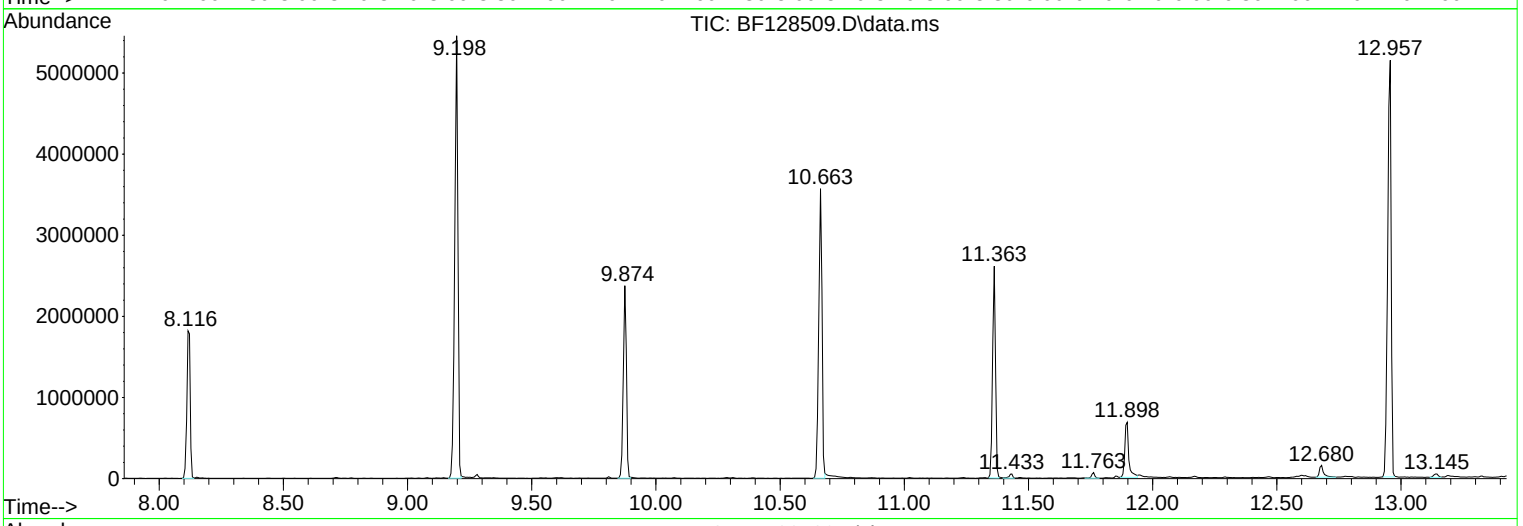
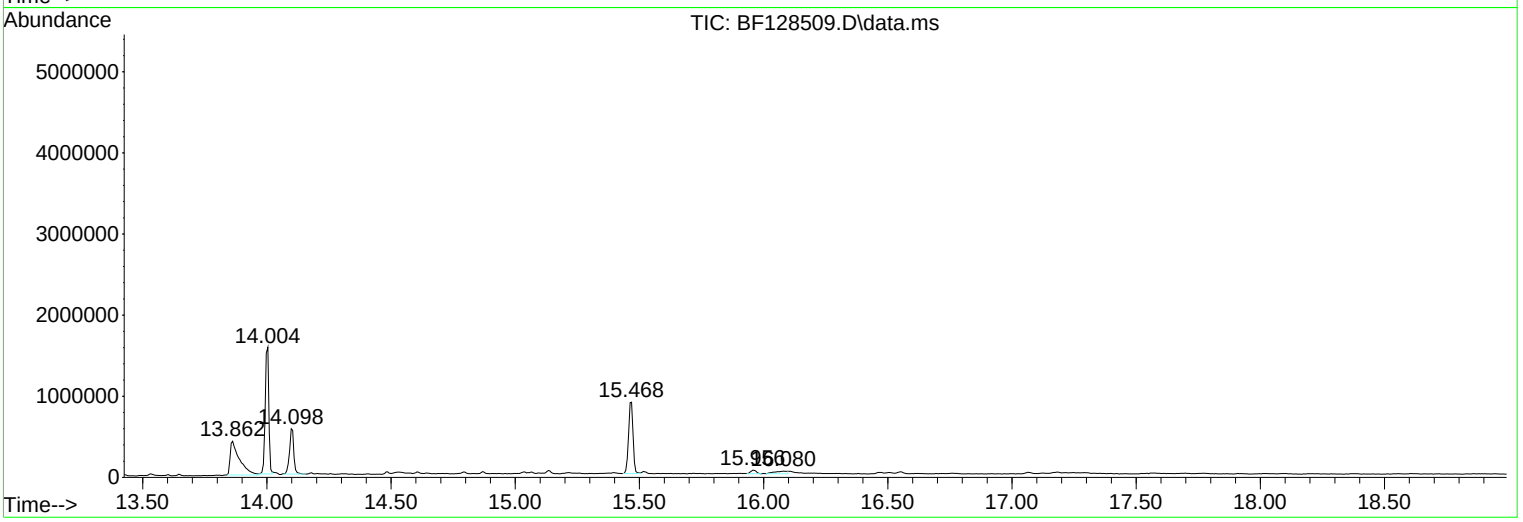
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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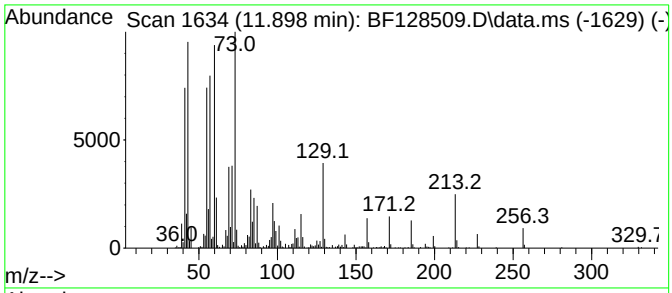
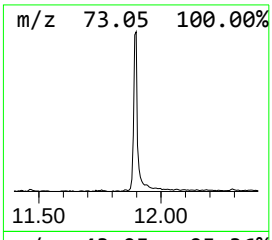
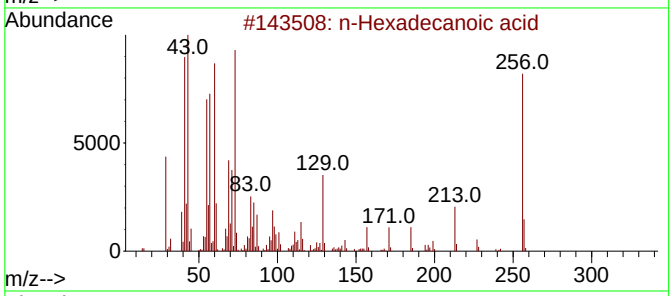
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

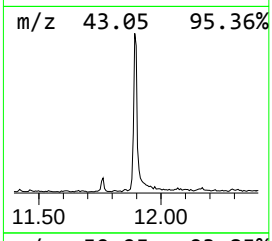
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	6.84 ng	742378	Phenanthrene-d10	11.363

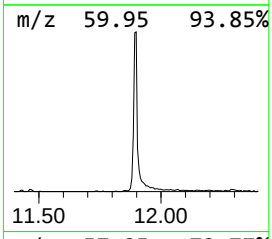
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76

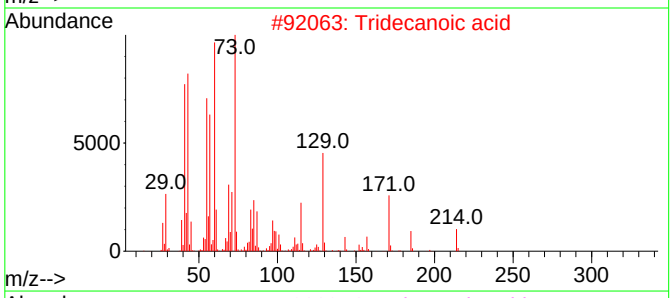


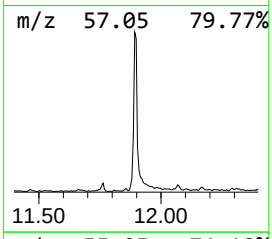


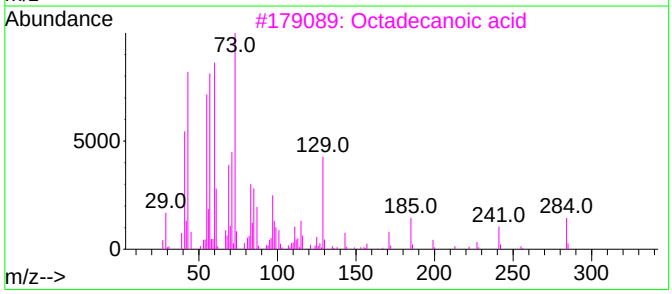


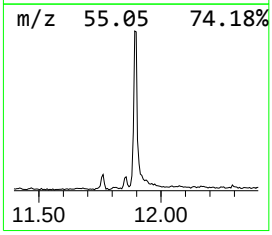












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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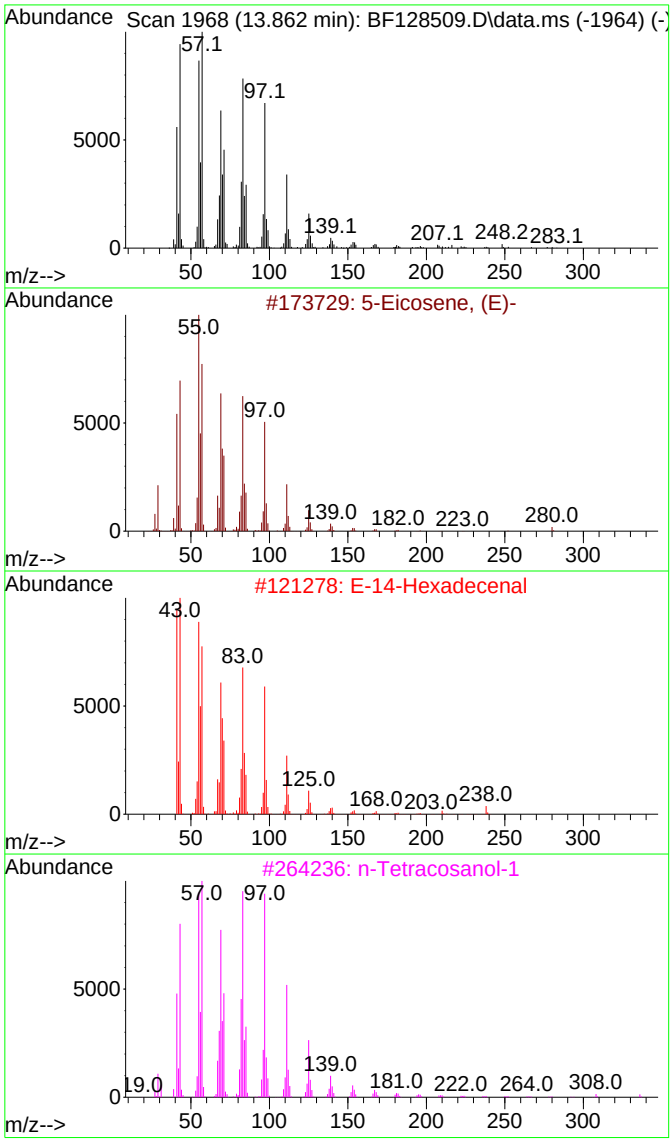
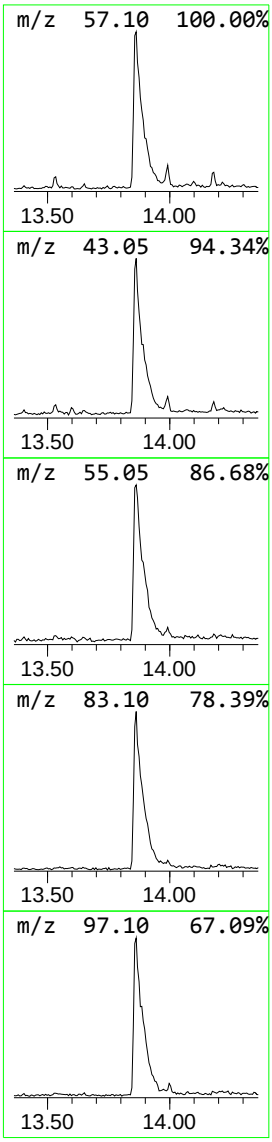
Peak Number 2 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.862	14.05 ng	1088750	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94





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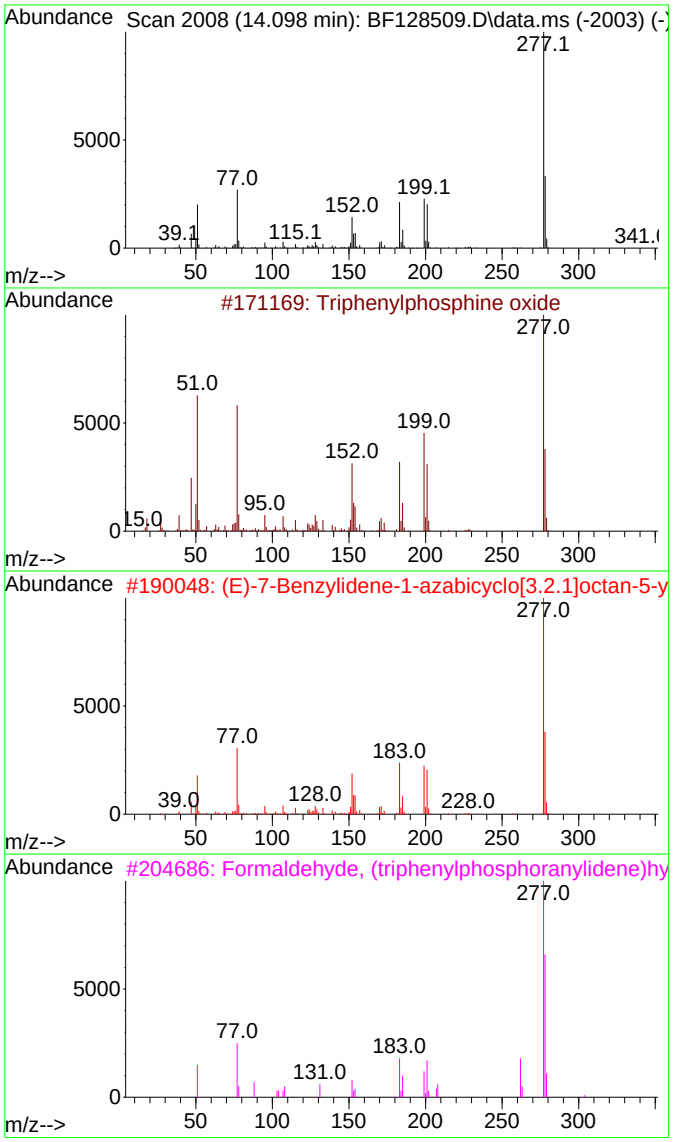
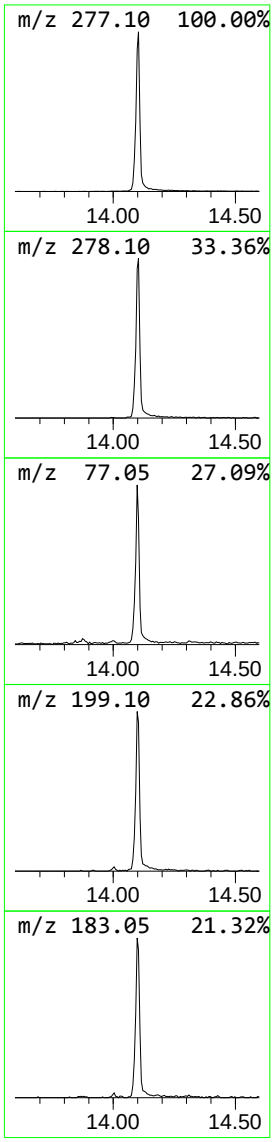
Peak Number 3 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	8.51 ng	659574	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	87
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	38
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	27





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BNA_F
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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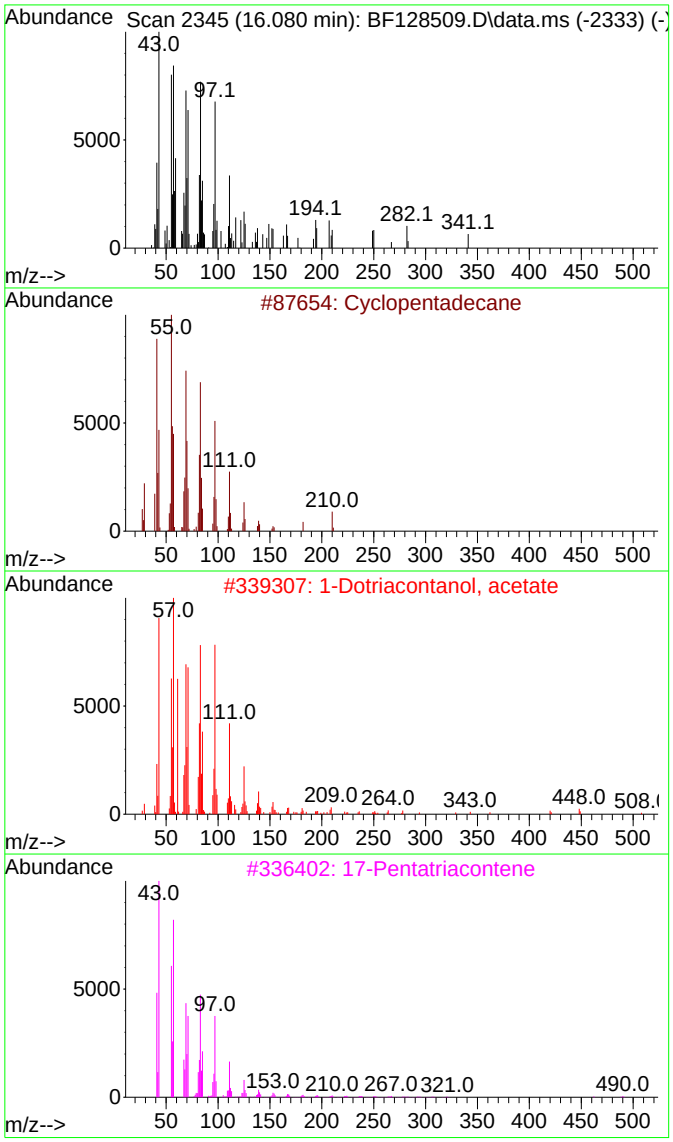
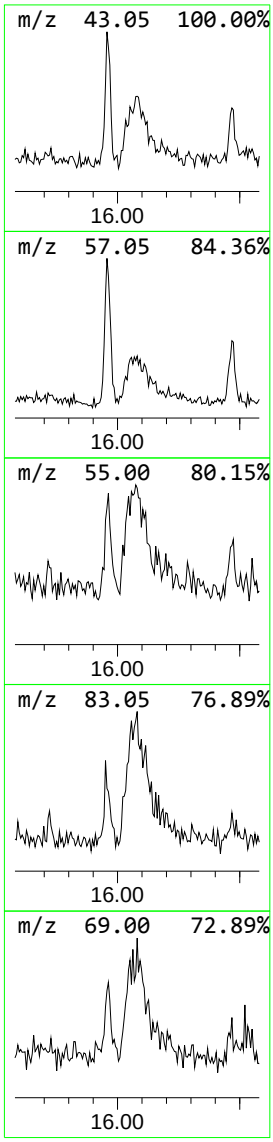
Peak Number 4 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.080	2.06 ng	115303	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	83
2	1-Dotriacontanol, acetate	509	C34H68O2	023811-94-1	76
3	17-Pentatriacontene	491	C35H70	006971-40-0	72
4	1-Heptacosanol	396	C27H56O	002004-39-9	70
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	70





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.898	6.8	ng	742378	4	11.363	2171970	20.0
5-Eicosene, (E)-	13.862	14.1	ng	1088750	5	14.004	1550030	20.0
Triphenylphosph...	14.098	8.5	ng	659574	5	14.004	1550030	20.0
Cyclopentadecane	16.080	2.1	ng	115303	6	15.468	1120510	20.0