LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128387.D
Acq On : 21 May 2022 02:31
Operator : CG\JU
Sample : N2872-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P022-SS001-1218-01

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-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128387.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	475	478	486	rBV	35874	47556	1.87%	0.288%
2	5.487	540	544	554	rBV	2351351	2215262	87.06%	13.423%
3	6.457	705	709	711	rBV	79424	58962	2.32%	0.357%
4	6.498	711	716	728	rBV	2192353	2188859	86.02%	13.263%
5	6.857	773	777	784	rBV	673366	543040	21.34%	3.290%
6	7.428	869	874	877	rBV	1543327	1486721	58.43%	9.009%
7	7.586	897	901	904	rVB	124472	103562	4.07%	0.628%
8	8.139	991	995	1008	rBV	837801	692470	27.21%	4.196%
9	9.216	1173	1178	1181	rBV	2957710	2544607	100.00%	15.419%
10	9.898	1290	1294	1297	rBV	879681	728126	28.61%	4.412%
11	10.692	1425	1429	1443	rBV	1745880	1516108	59.58%	9.187%
12	11.392	1544	1548	1551	rBV	822117	730814	28.72%	4.428%
13	12.980	1813	1818	1821	rBV	2140496	2126020	83.55%	12.882%
14	13.880	1965	1971	1983	rBV4	55051	142490	5.60%	0.863%
15	14.039	1994	1998	2006	rVB	581877	517626	20.34%	3.136%
16	14.133	2010	2014	2019	rBV	55030	62277	2.45%	0.377%
17	14.792	2122	2126	2132	rBV2	29300	34456	1.35%	0.209%
18	15.133	2180	2184	2188	rBV	36666	37304	1.47%	0.226%
19	15.527	2245	2251	2257	rBV	390916	523096	20.56%	3.170%
20	15.951	2319	2323	2329	rVB	42103	65145	2.56%	0.395%
21	16.468	2405	2411	2421	rBV2	24914	47879	1.88%	0.290%
22	17.062	2508	2512	2522	rVB3	25687	48822	1.92%	0.296%
23	17.774	2625	2633	2642	rBV8	13976	42322	1.66%	0.256%

Sum of corrected areas: 16503524

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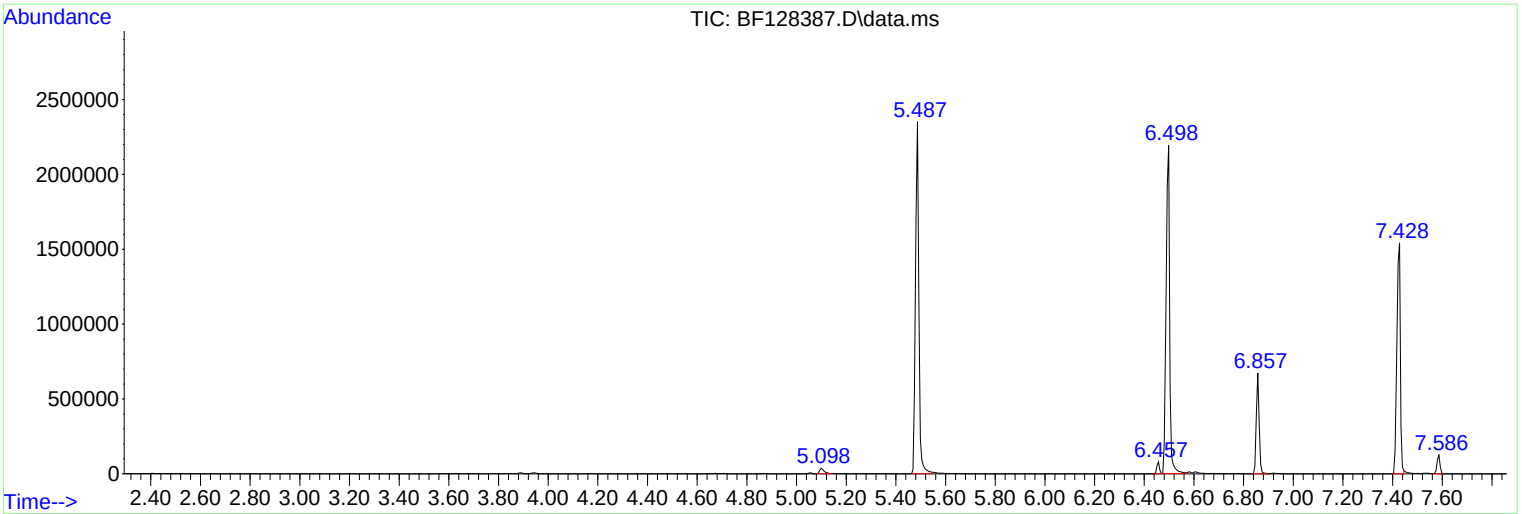
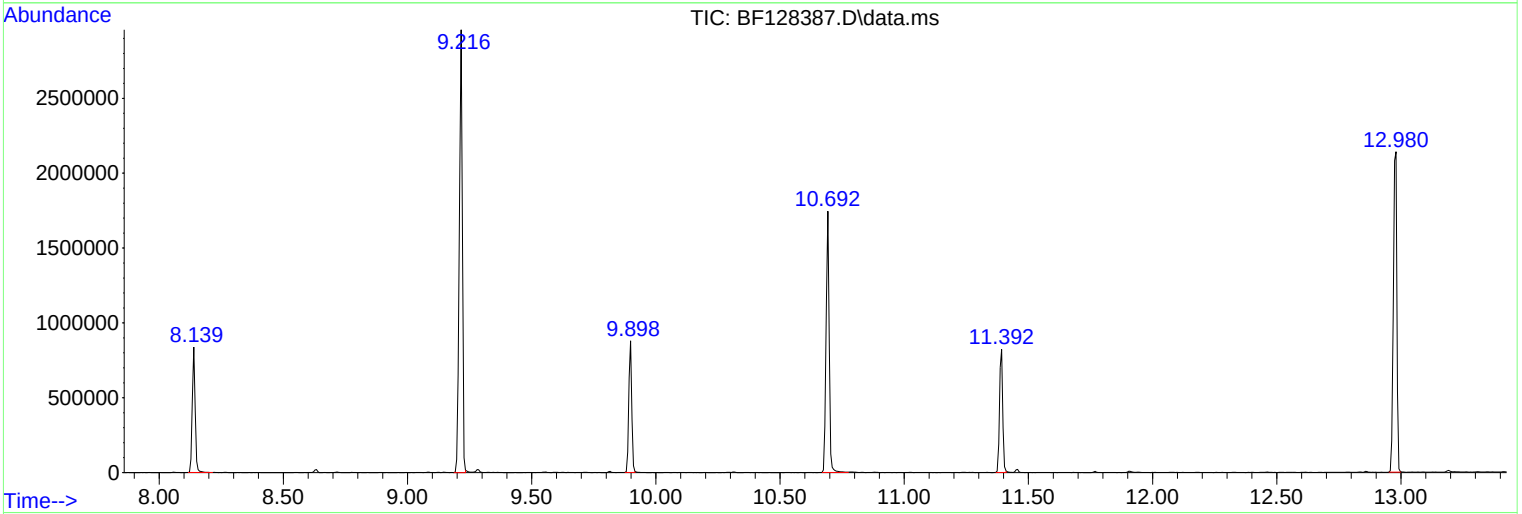
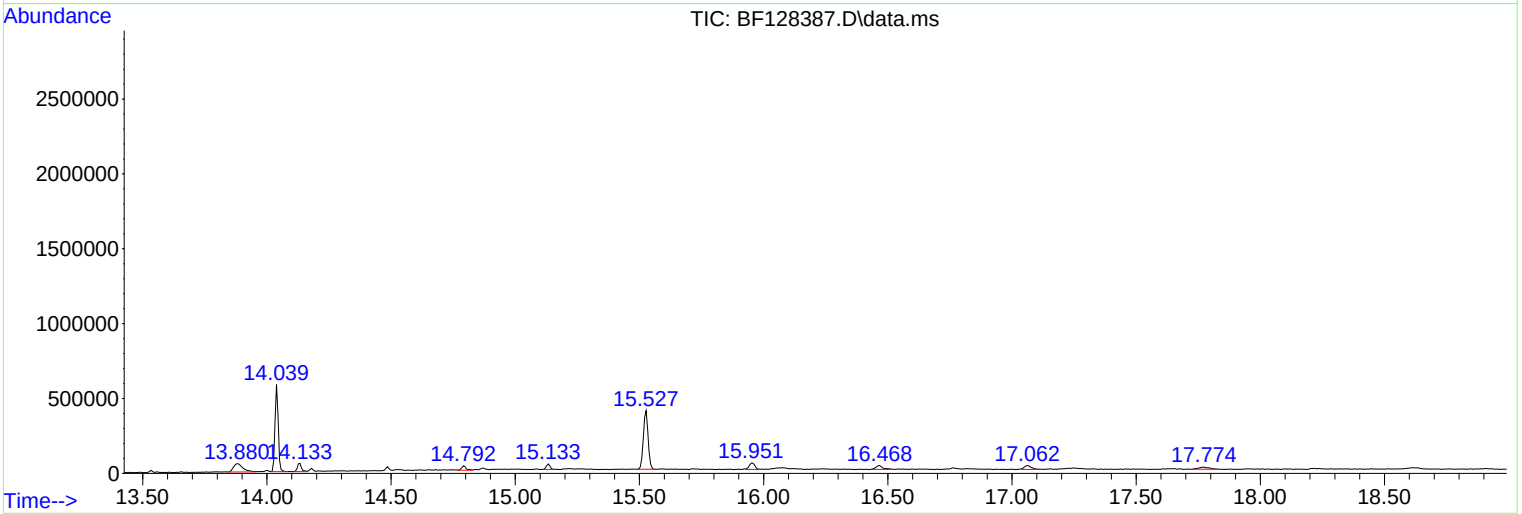
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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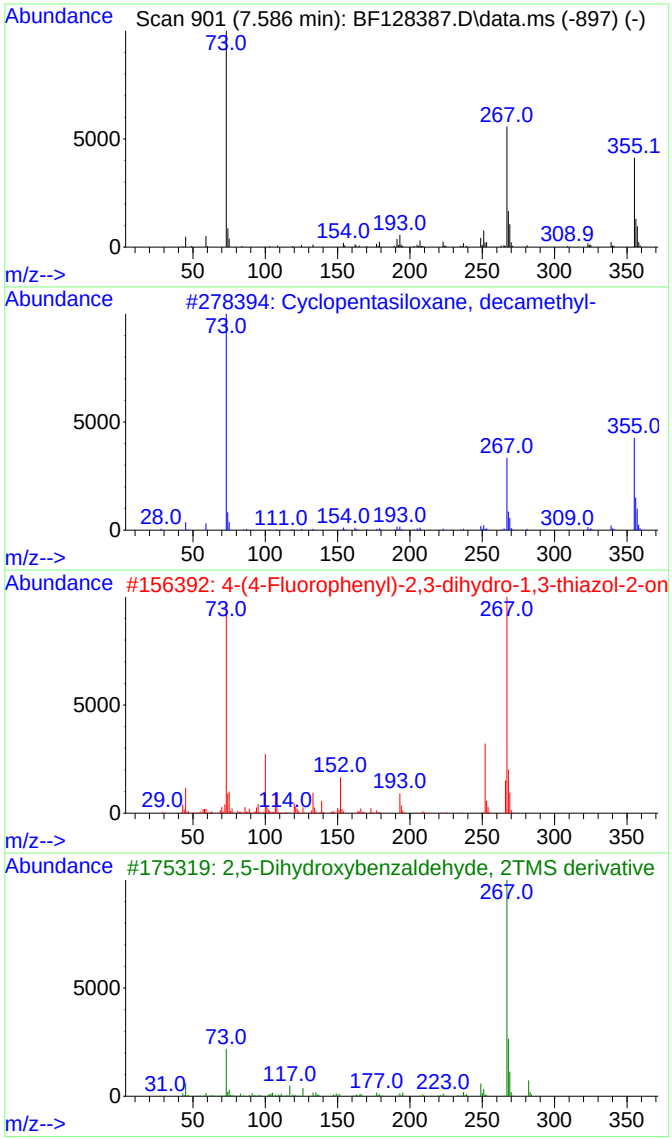
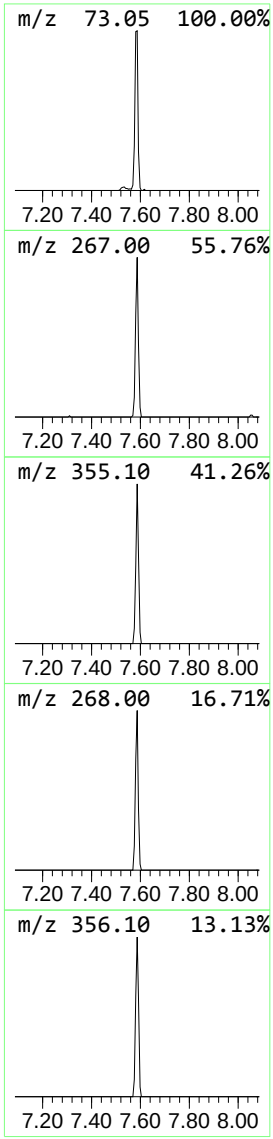
****
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.586	2.99 ng	103562	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	4-(4-Fluorophenyl)-2,3-dihydro-1...	267	C12H14FNOSSi	1010501-61-0	43
3	2,5-Dihydroxybenzaldehyde, 2TMS ...	282	C13H22O3Si2	056114-69-3	38
4	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	38
5	1-(4-Hydroxyphenyl)propane-1,2-d...	384	C18H36O3Si3	1000495-85-6	38





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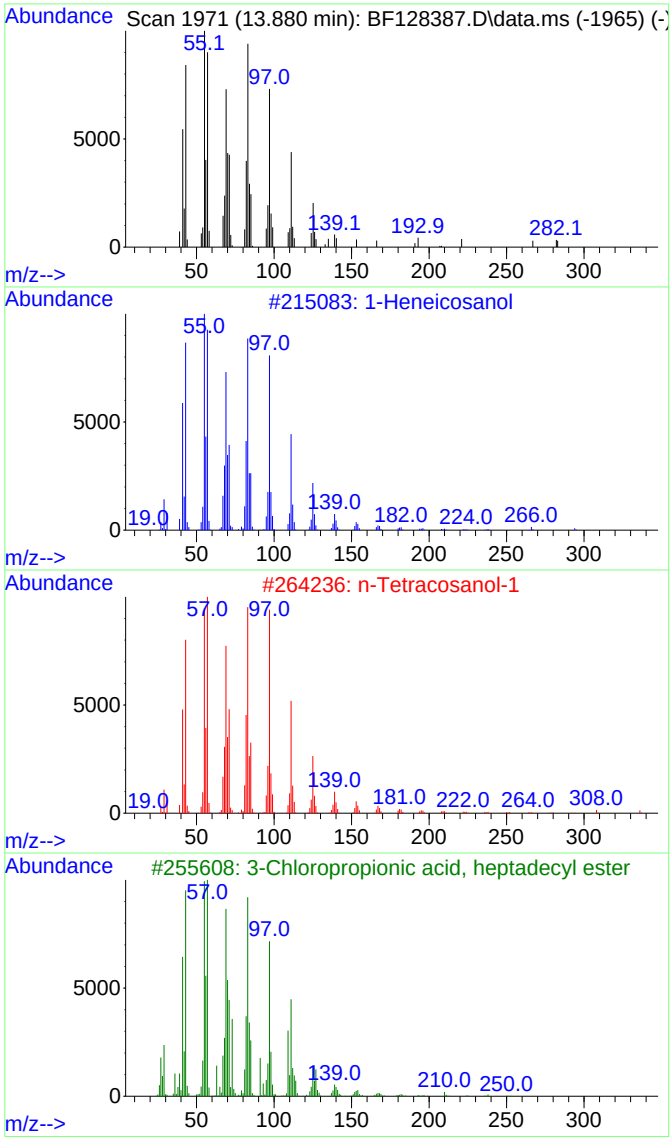
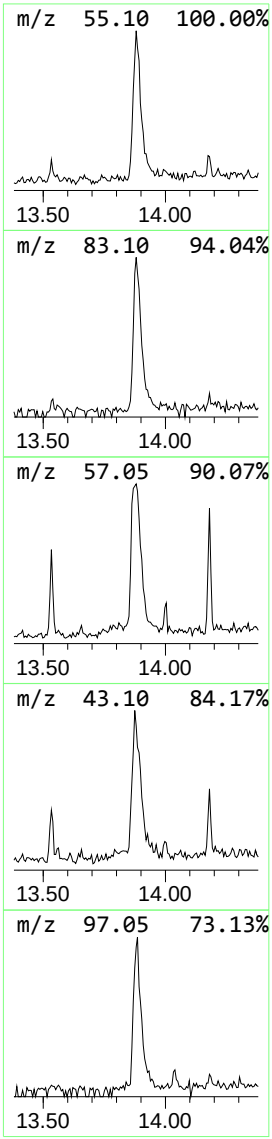
Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	5.51 ng	142490	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
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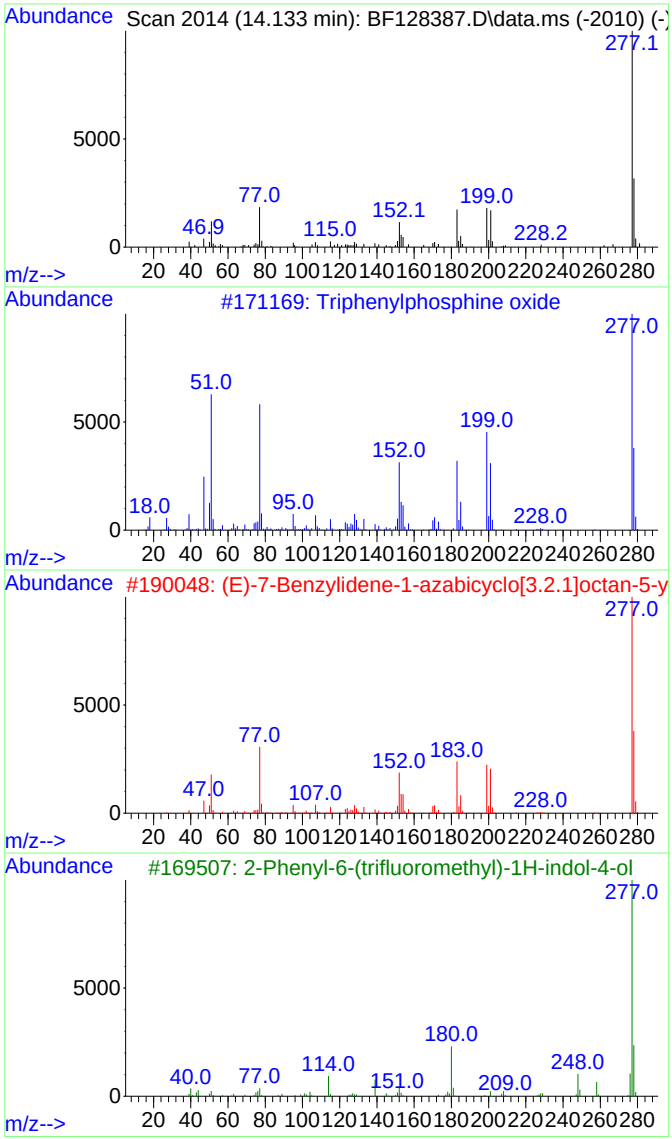
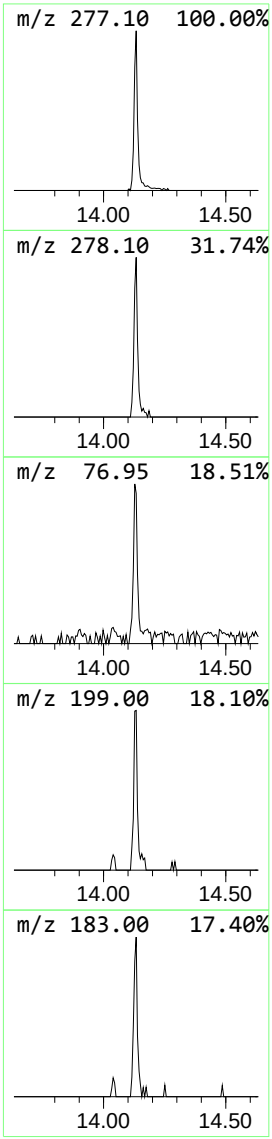
Peak Number 3 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	2.41 ng	62277	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	50
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
5	1H-Indol-4-ol, 2TMS derivative	277	C14H23NOSi2	1000485-28-1	33





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TIC Library : C:\Database\NIST20.L
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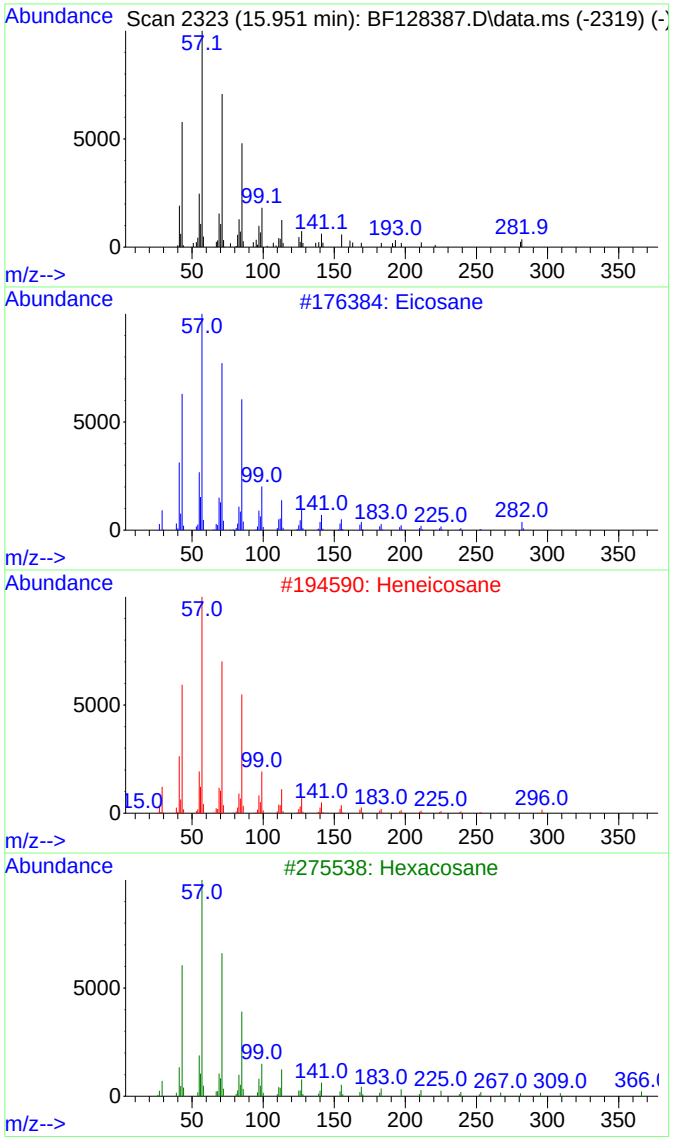
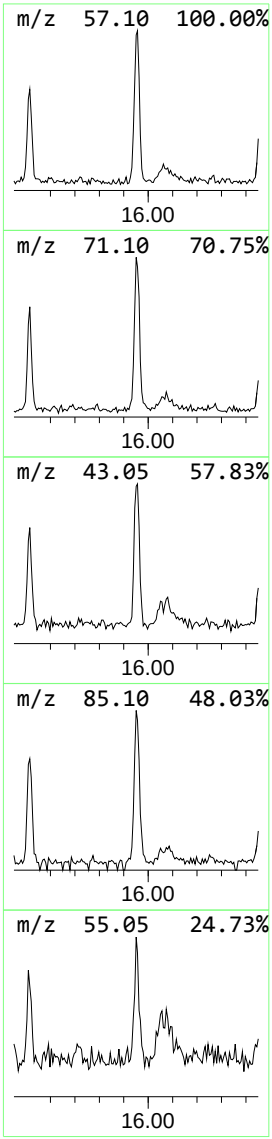
Peak Number 4 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	2.49 ng	65145	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentasilox...	7.586	3.0	ng	103562	2	8.139	692470	20.0
1-Heneicosanol	13.880	5.5	ng	142490	5	14.039	517626	20.0
Triphenylphosph...	14.133	2.4	ng	62277	5	14.039	517626	20.0
Eicosane	15.951	2.5	ng	65145	6	15.527	523096	20.0