LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128390.D
Acq On : 21 May 2022 03:59
Operator : CG\JU
Sample : N2872-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P022-SS001-0612-01

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: BF128390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.092	474	477	487	rVB	17554	23126	1.15%	0.168%
2	5.481	540	543	559	rBV	1794720	1751552	87.42%	12.686%
3	6.457	706	709	711	rBV	29518	23320	1.16%	0.169%
4	6.492	711	715	733	rBV	1808303	1761506	87.92%	12.758%
5	6.857	773	777	785	rBV	605288	503366	25.12%	3.646%
6	7.422	869	873	886	rBV	1303493	1206386	60.21%	8.738%
7	7.586	897	901	904	rVB	40147	33067	1.65%	0.240%
8	8.139	991	995	1004	rBV	771890	640739	31.98%	4.641%
9	9.216	1173	1178	1181	rBV	2265971	2003561	100.00%	14.512%
10	9.898	1290	1294	1297	rBV	837592	705554	35.21%	5.110%
11	10.692	1425	1429	1443	rBV	1311442	1206205	60.20%	8.736%
12	11.392	1544	1548	1556	rBV	764827	688012	34.34%	4.983%
13	12.974	1813	1817	1820	rBV	1948392	1659141	82.81%	12.017%
14	13.886	1965	1972	1986	rBV3	73330	182975	9.13%	1.325%
15	14.039	1994	1998	2004	rBV	548285	479751	23.94%	3.475%
16	14.127	2009	2013	2018	rBV	60241	66753	3.33%	0.483%
17	14.486	2071	2074	2077	rBV	30238	27516	1.37%	0.199%
18	14.792	2123	2126	2130	rVB	32103	31969	1.60%	0.232%
19	15.133	2180	2184	2190	rVB	40671	48349	2.41%	0.350%
20	15.527	2245	2251	2258	rVB	417355	547576	27.33%	3.966%
21	15.956	2319	2324	2331	rVB	42633	67521	3.37%	0.489%
22	16.074	2337	2344	2349	rBV9	12676	35702	1.78%	0.259%
23	16.462	2406	2410	2422	rVB4	30139	62955	3.14%	0.456%
24	17.062	2507	2512	2518	rVB4	25700	49943	2.49%	0.362%

Sum of corrected areas: 13806545

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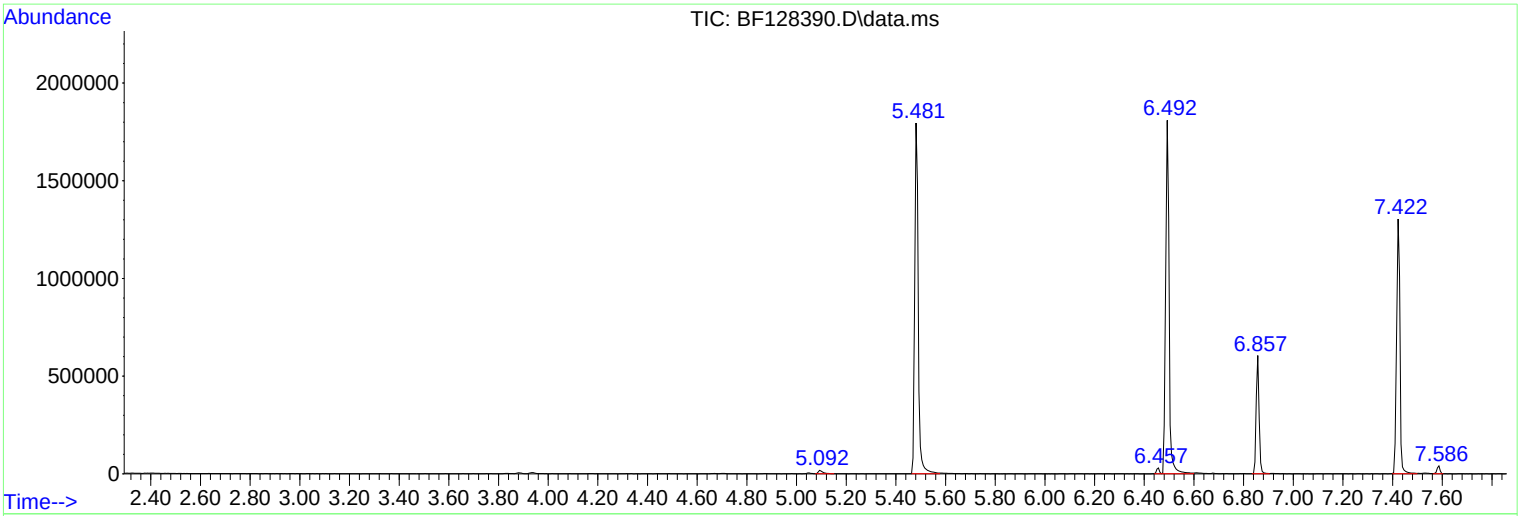
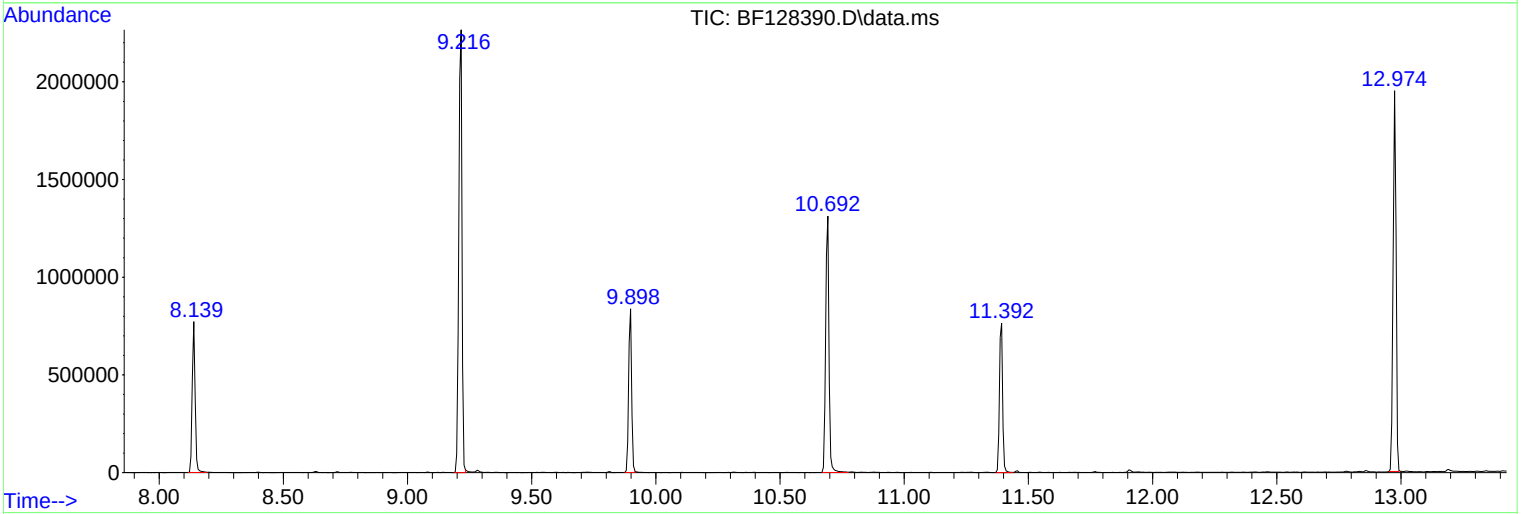
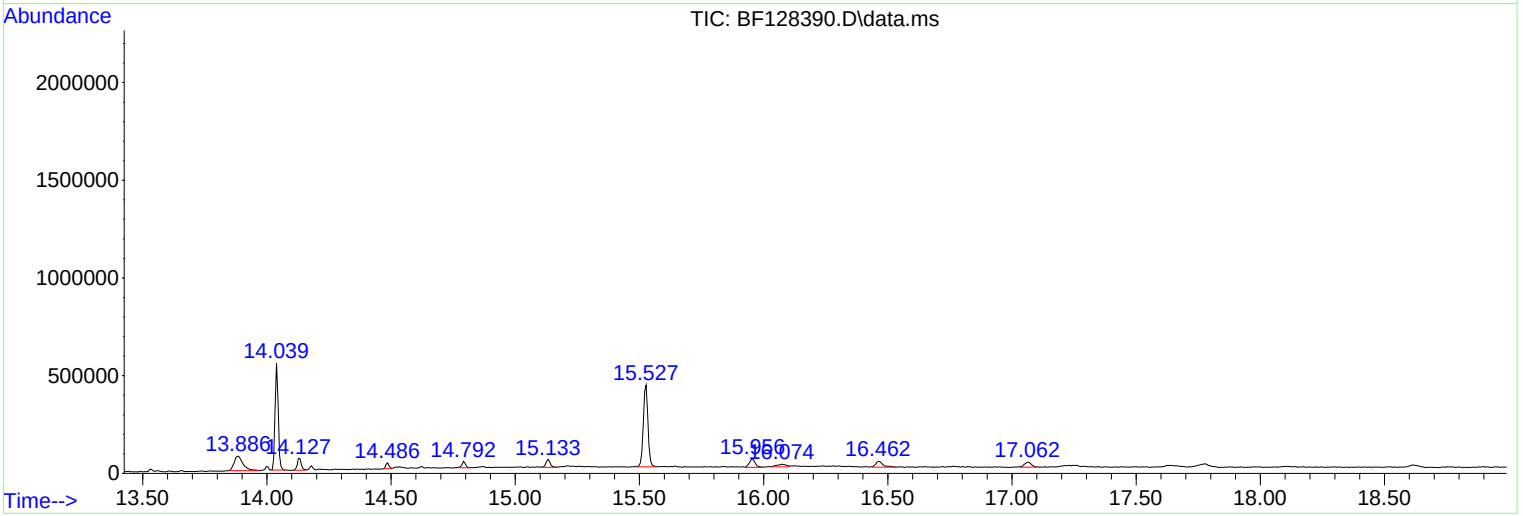
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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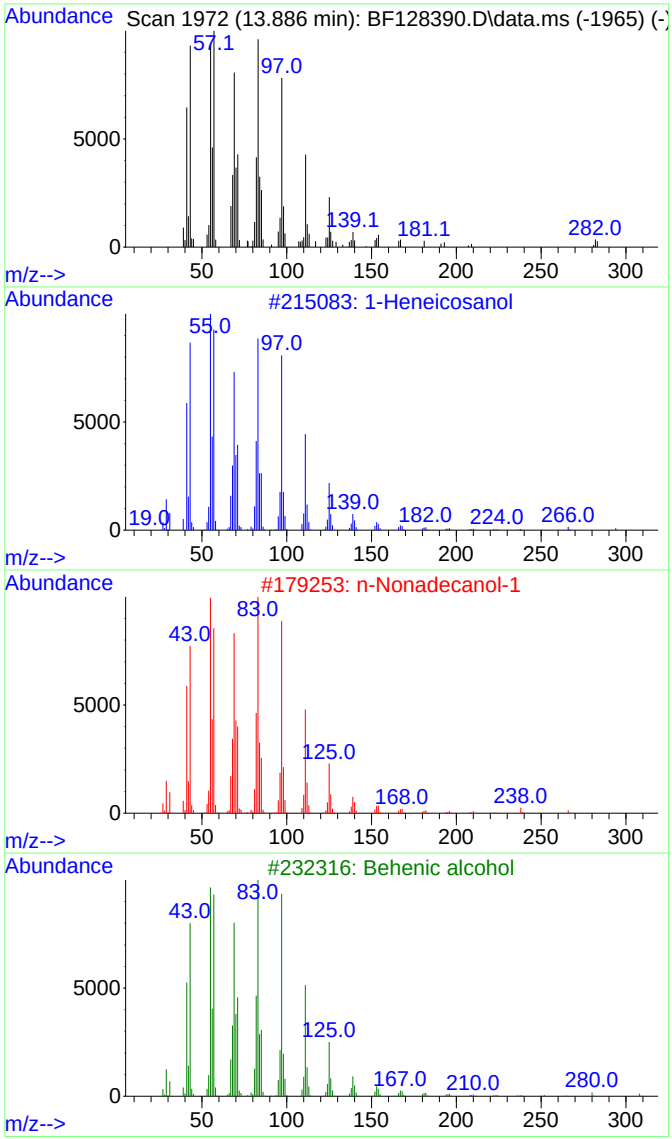
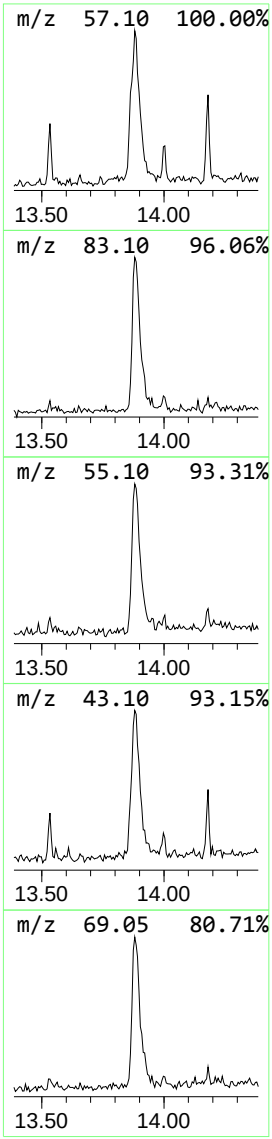
Peak Number 1 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	7.63 ng	182975	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
5	Eicosyl methyl ether	312	C21H44O	1000406-29-4	90





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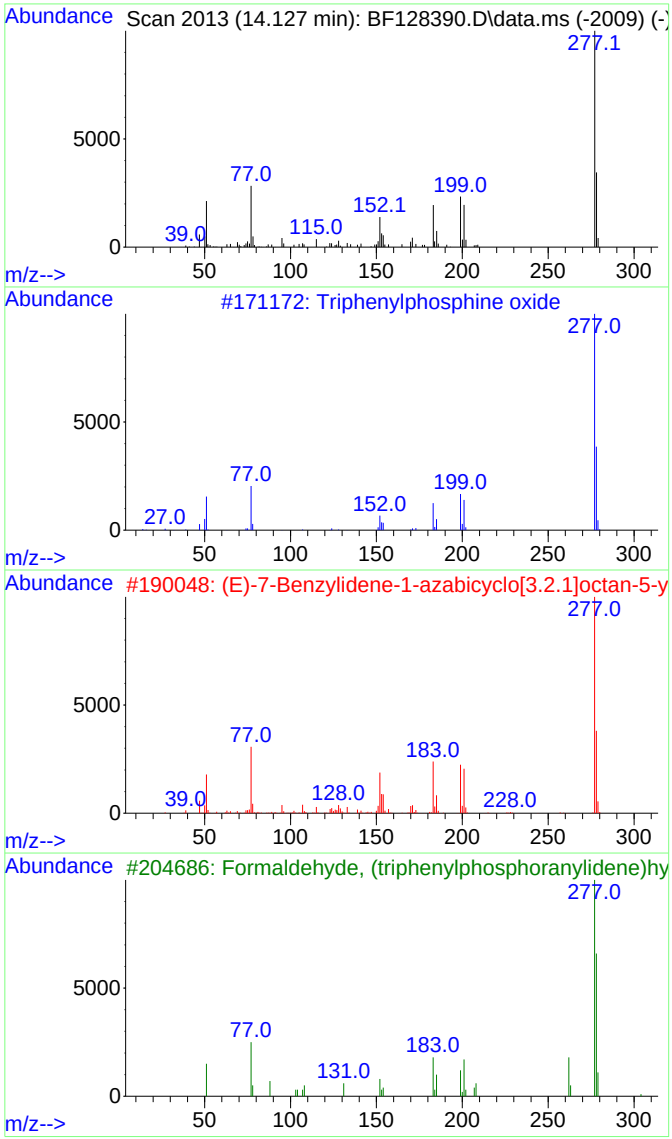
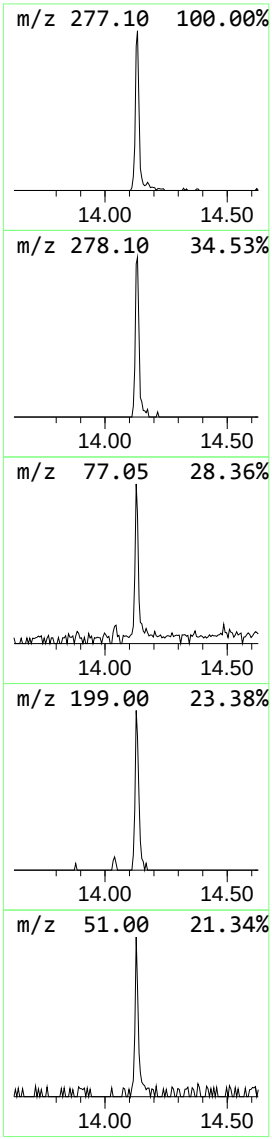
Peak Number 2 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.127	2.78 ng	66753	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	4,5-Benzo-2-oxa-1,1,3,3-tetra(is...	320	C18H32OSi2	1000434-30-8	25
5	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	25





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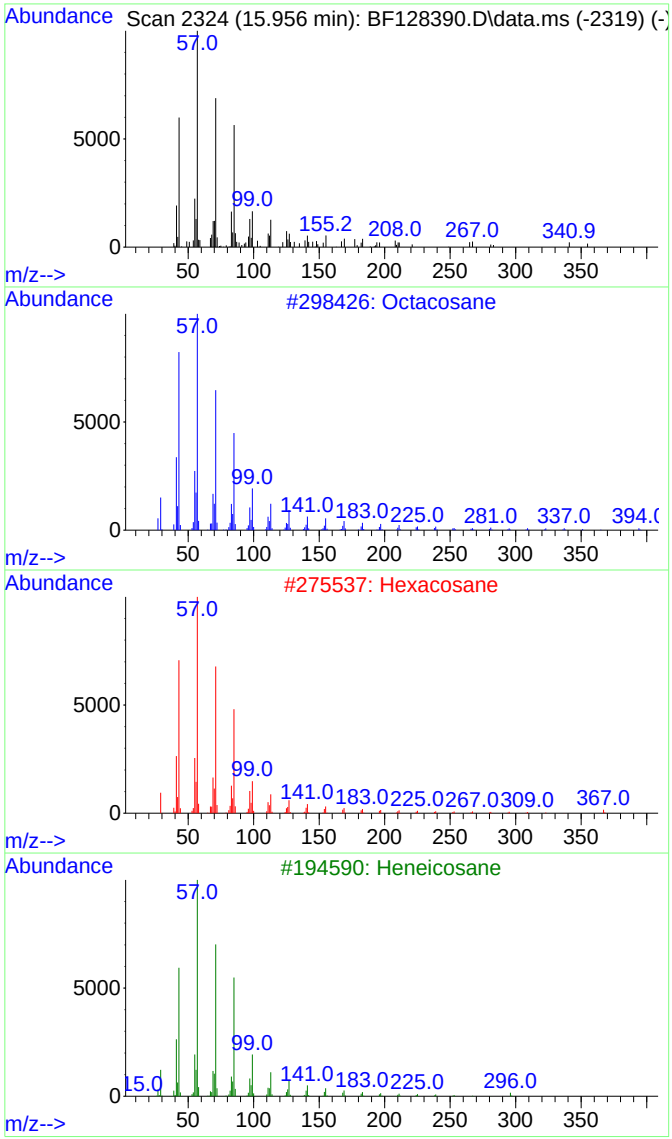
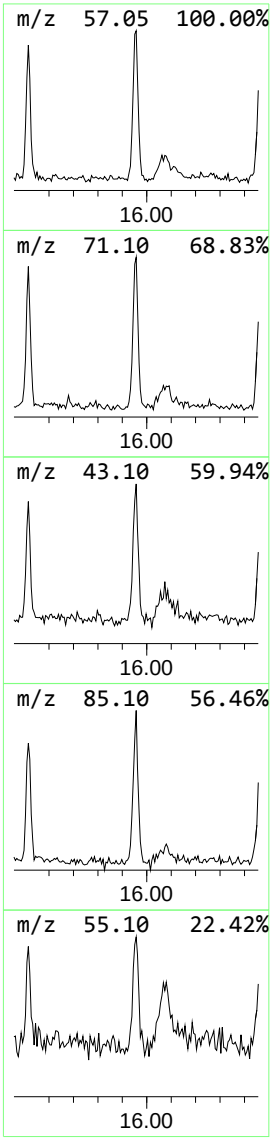
Peak Number 3 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.957	2.47 ng	67521	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Tetracosane	338	C24H50	000646-31-1	87





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Instrument :
BNA_F
ClientSampleId :
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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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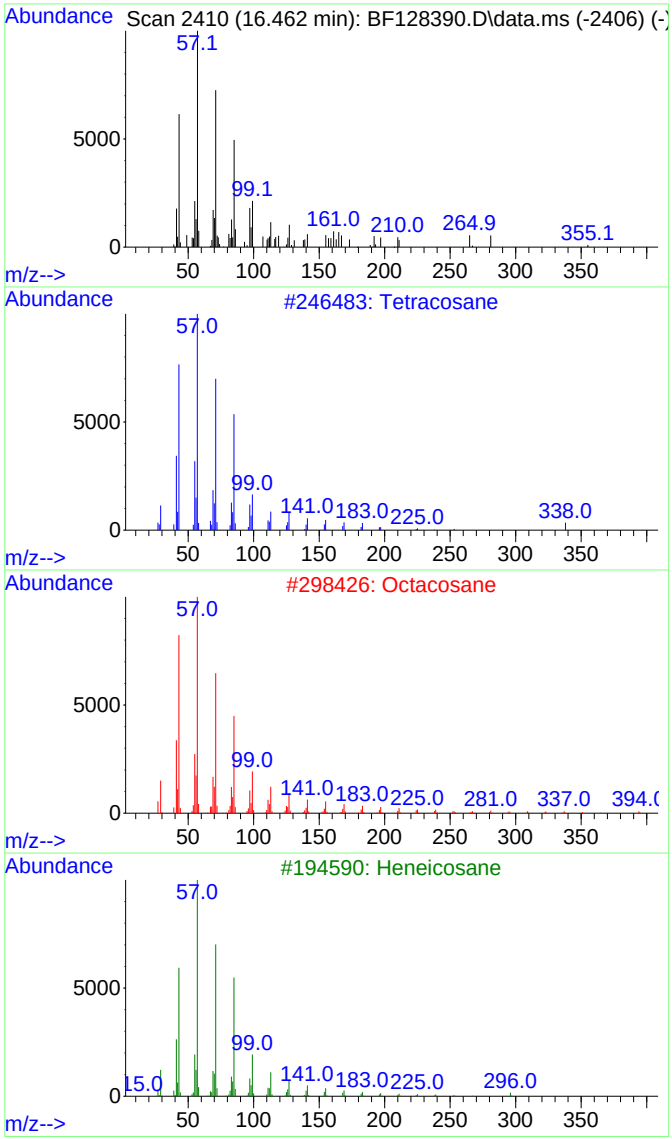
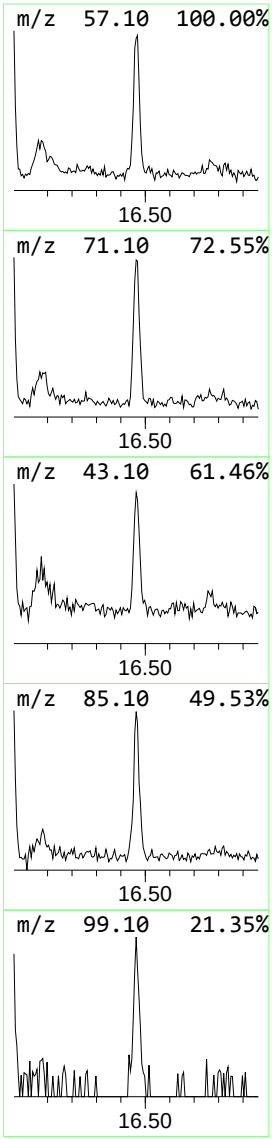
Peak Number 4 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.462	2.30 ng	62955	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Pentacosane	352	C25H52	000629-99-2	81
5	Eicosane	282	C20H42	000112-95-8	80





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
1-Heneicosanol	13.886	7.6	ng	182975	5	14.039	479751	20.0
Triphenylphosph...	14.127	2.8	ng	66753	5	14.039	479751	20.0
Octacosane	15.957	2.5	ng	67521	6	15.527	547576	20.0
Tetracosane	16.462	2.3	ng	62955	6	15.527	547576	20.0