LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
Data File : BF135544.D
Acq On : 03 Oct 2023 16:05
Operator : CG\JU
Sample : PB155919BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB155919BL

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	556	561	580	rBV	4260449	4905015	96.72%	14.866%
2	6.393	727	732	735	rBV	4315246	4775878	94.17%	14.475%
3	6.740	787	791	809	rVB	1000363	923662	18.21%	2.799%
4	7.304	882	887	890	rBV	2992524	3252328	64.13%	9.857%
5	8.016	1004	1008	1021	rBV	1370024	1216904	24.00%	3.688%
6	9.098	1186	1192	1195	rBV	4612059	5071427	100.00%	15.370%
7	9.775	1301	1307	1310	rBV	1374171	1302110	25.68%	3.946%
8	10.569	1438	1442	1458	rBV	2950924	3001209	59.18%	9.096%
9	11.263	1557	1560	1564	rBV	1544421	1369388	27.00%	4.150%
10	11.798	1646	1651	1666	rBV2	116960	218795	4.31%	0.663%
11	12.592	1779	1786	1790	rBV4	36140	60233	1.19%	0.183%
12	12.869	1827	1833	1836	rBV	4255946	4762368	93.91%	14.434%
13	13.922	2008	2012	2019	rBV	1120725	990289	19.53%	3.001%
14	14.692	2139	2143	2148	rVB	61102	67783	1.34%	0.205%
15	15.028	2195	2200	2204	rBV	69982	92967	1.83%	0.282%
16	15.380	2255	2260	2271	rBV	573007	842929	16.62%	2.555%
17	15.833	2332	2337	2347	rVB3	48700	87395	1.72%	0.265%
18	16.333	2419	2422	2428	rVB2	30594	54414	1.07%	0.165%

Sum of corrected areas: 32995094

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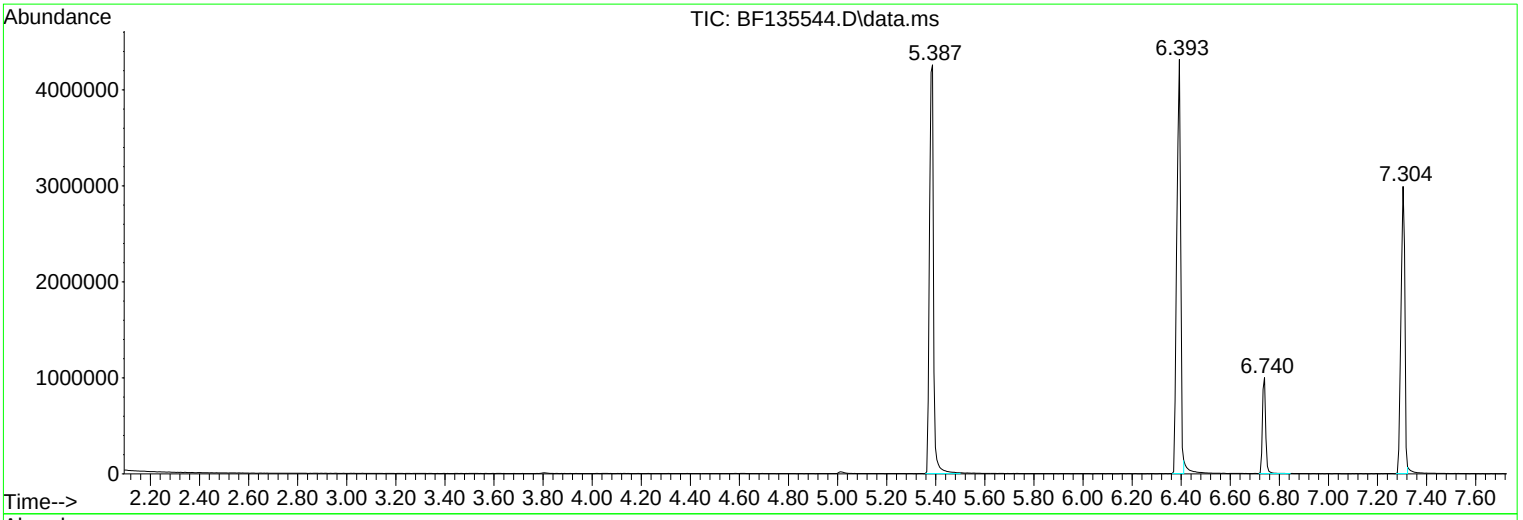
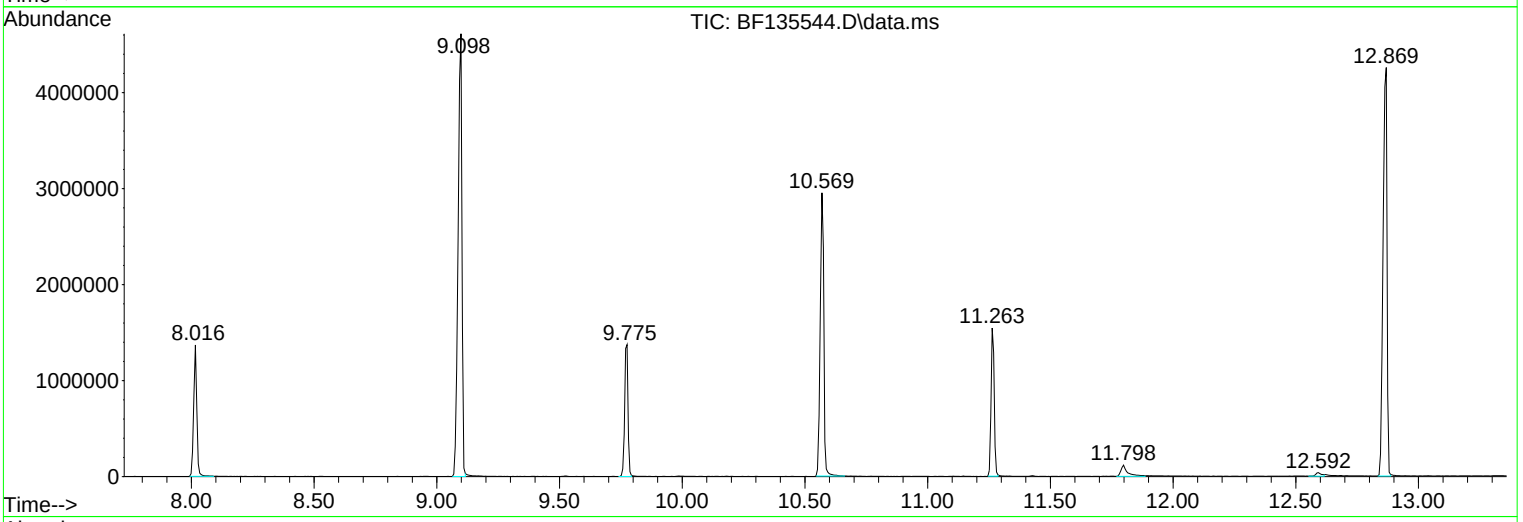
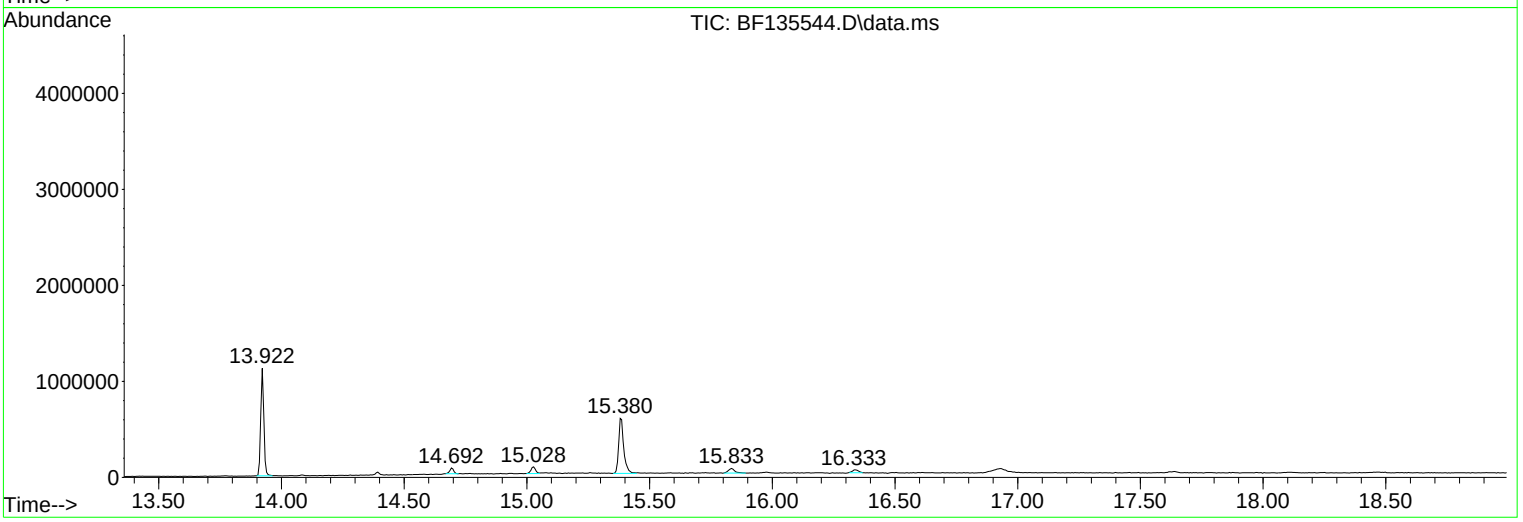
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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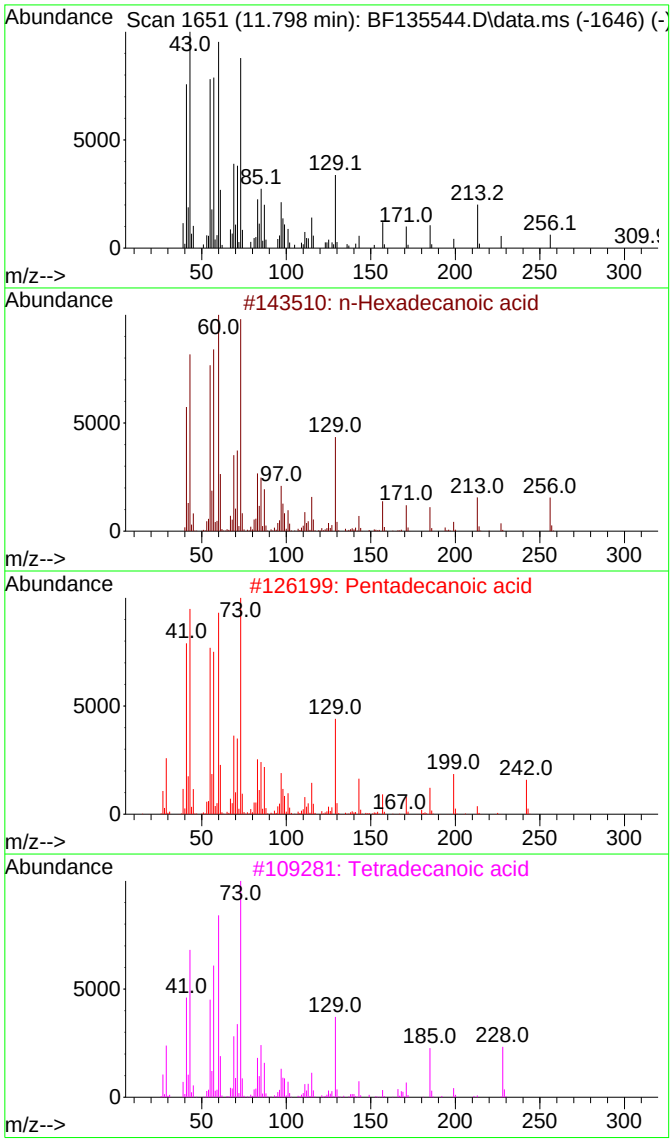
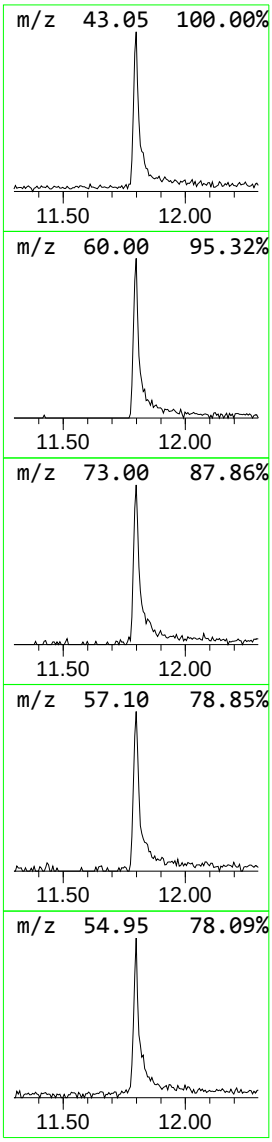
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	3.20 ng	218795	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	38





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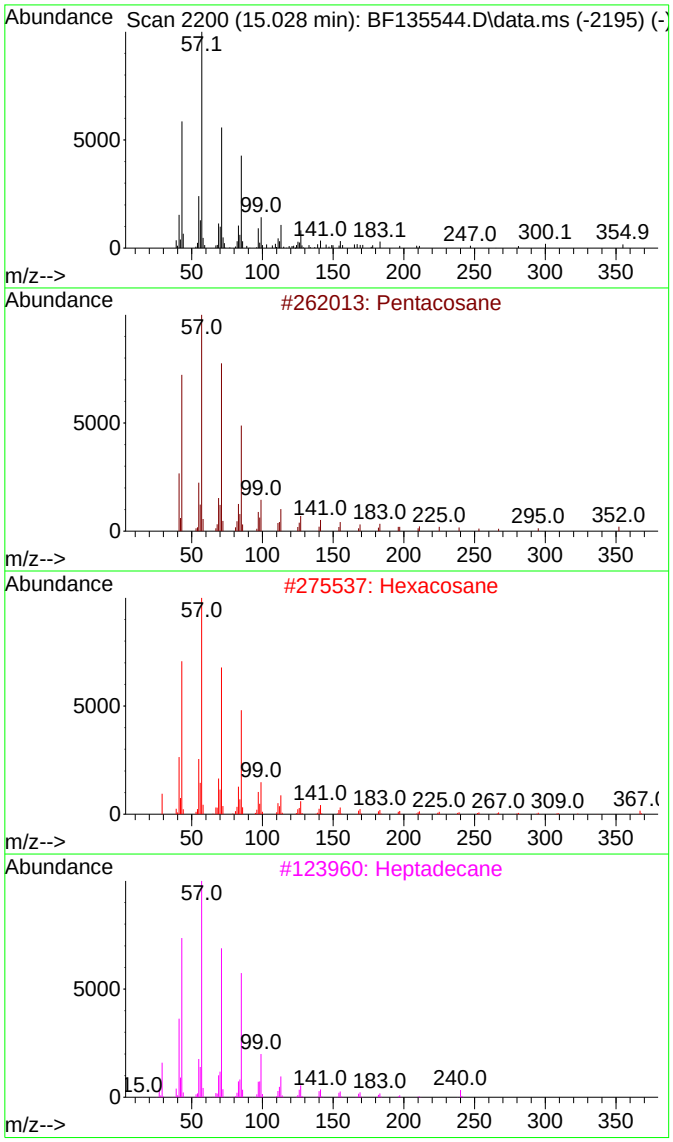
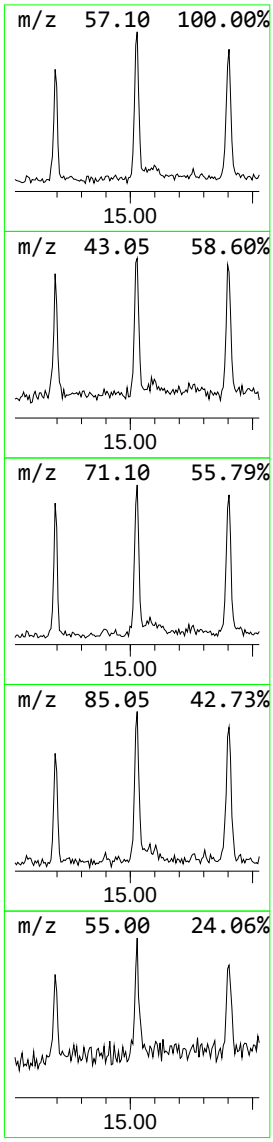
Peak Number 2 Pentacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.028	2.21 ng	92967	Perylene-d12	15.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86





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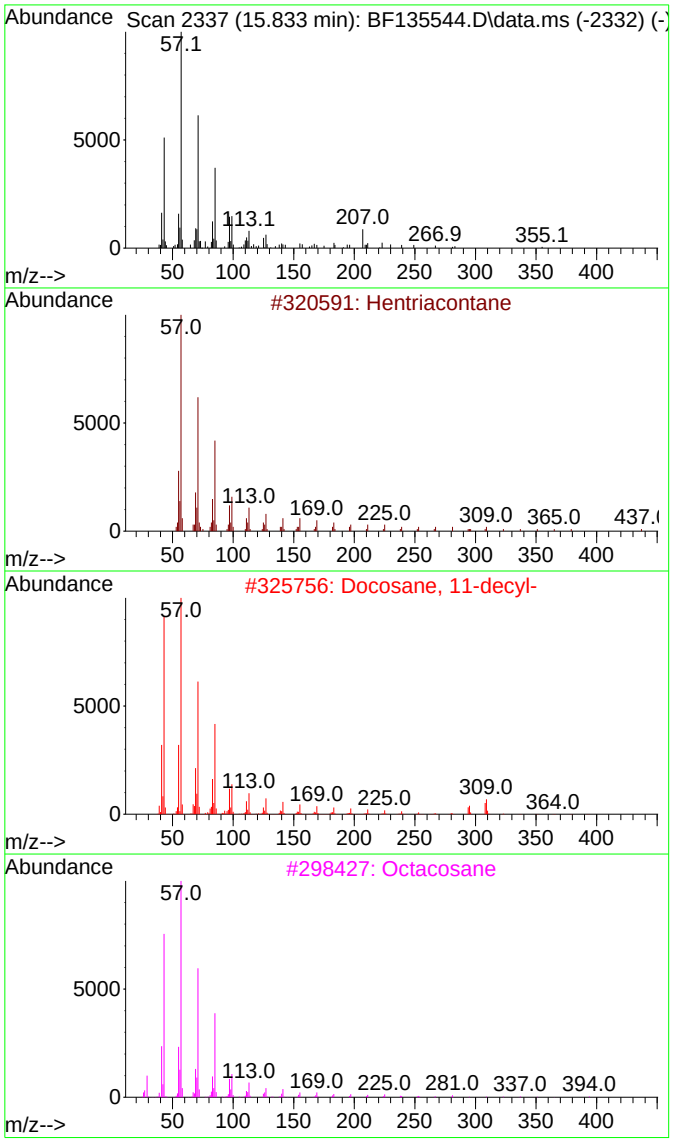
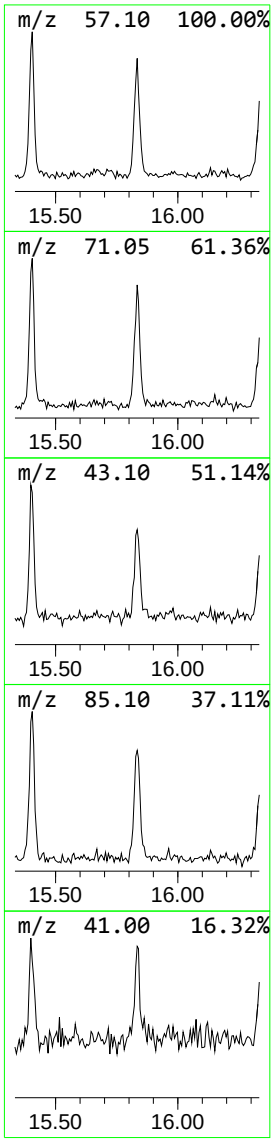
Peak Number 3 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	2.07 ng	87395	Perylene-d12	15.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	80
3	Octacosane	394	C28H58	000630-02-4	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Heptacosane	380	C27H56	000593-49-7	72





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.798	3.2	ng	218795	4	11.263	1369390	20.0
Pentacosane	15.028	2.2	ng	92967	6	15.380	842929	20.0
Hentriacontane	15.833	2.1	ng	87395	6	15.380	842929	20.0