LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123658.D
Acq On : 20 Apr 2021 23:34
Operator : JU/CG
Sample : M2048-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-0-2.0

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	503	507	512	rVB	61594	80552	1.20%	0.181%
2	5.475	572	576	579	rBV	7540455	6535595	97.18%	14.708%
3	6.486	743	748	751	rBV	6880160	6725330	100.00%	15.135%
4	6.851	806	810	813	rBV	1800591	1485189	22.08%	3.342%
5	7.410	900	905	908	rBV	4447408	4476286	66.56%	10.073%
6	8.133	1024	1028	1031	rBV	2423281	1891884	28.13%	4.257%
7	9.216	1207	1212	1215	rBV	7701844	6665066	99.10%	14.999%
8	9.604	1275	1278	1282	rBV	368224	277774	4.13%	0.625%
9	9.892	1323	1327	1331	rBV	2428698	1930935	28.71%	4.345%
10	10.680	1457	1461	1465	rBV	4413519	4074406	60.58%	9.169%
11	11.380	1576	1580	1583	rBV	2220139	1792898	26.66%	4.035%
12	11.910	1667	1670	1673	rBV	250145	201381	2.99%	0.453%
13	12.592	1783	1786	1790	rVB	84042	80854	1.20%	0.182%
14	12.974	1846	1851	1854	rBV	5029593	4633177	68.89%	10.426%
15	13.210	1888	1891	1897	rVB3	69865	78117	1.16%	0.176%
16	13.551	1947	1949	1955	rVB	100820	105552	1.57%	0.238%
17	13.886	2002	2006	2016	rBV2	474720	883142	13.13%	1.987%
18	14.027	2026	2030	2033	rBV	1524545	1325525	19.71%	2.983%
19	15.509	2277	2282	2285	rBV	987639	1193130	17.74%	2.685%

Sum of corrected areas: 44436793

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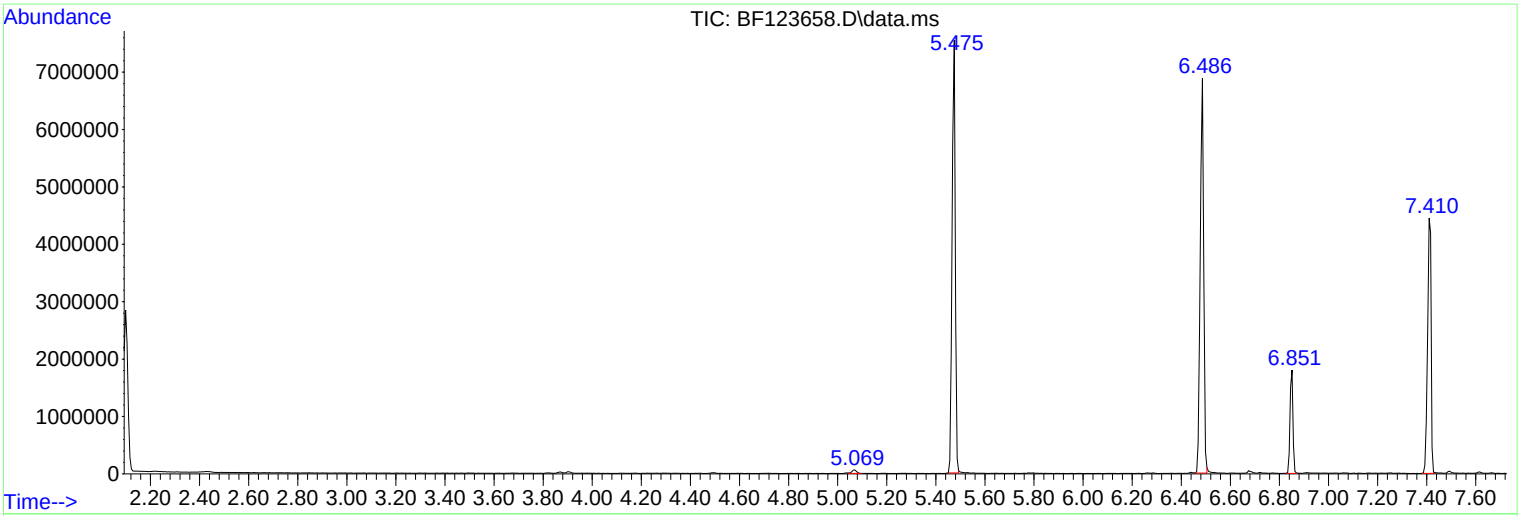
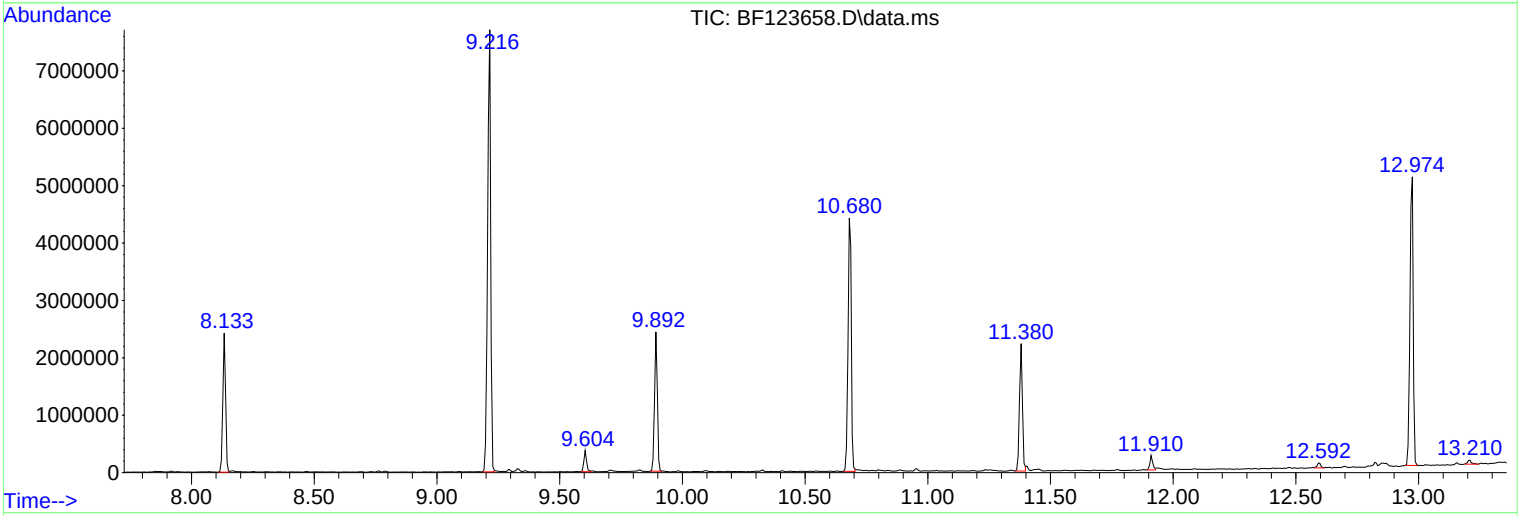
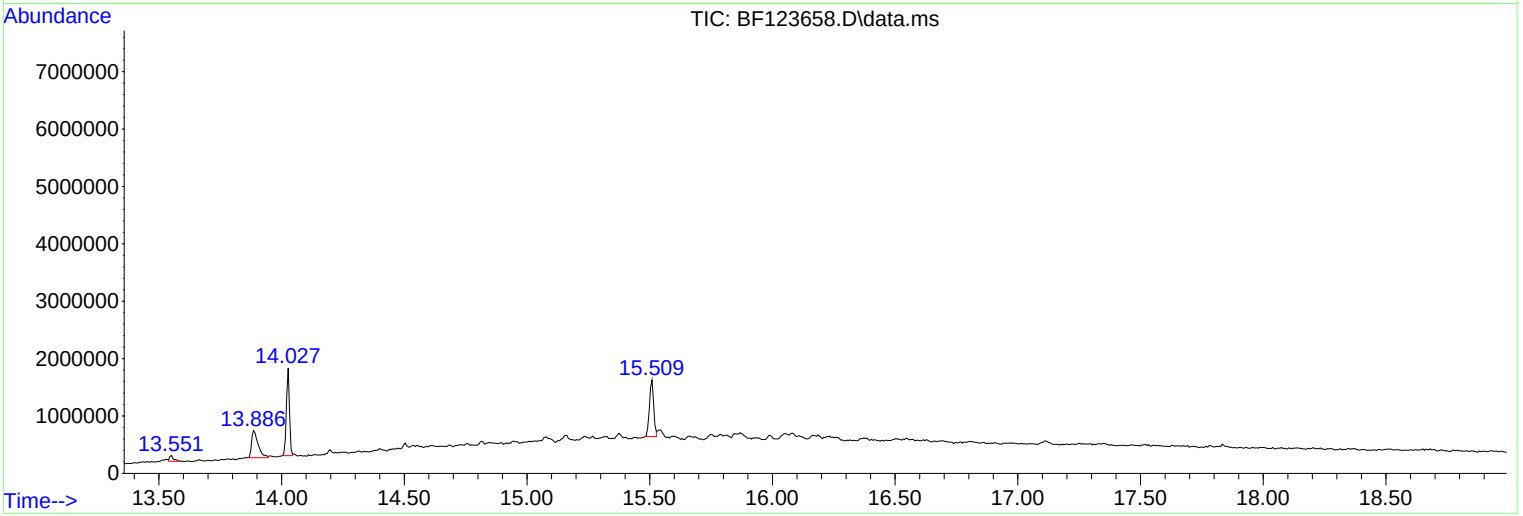
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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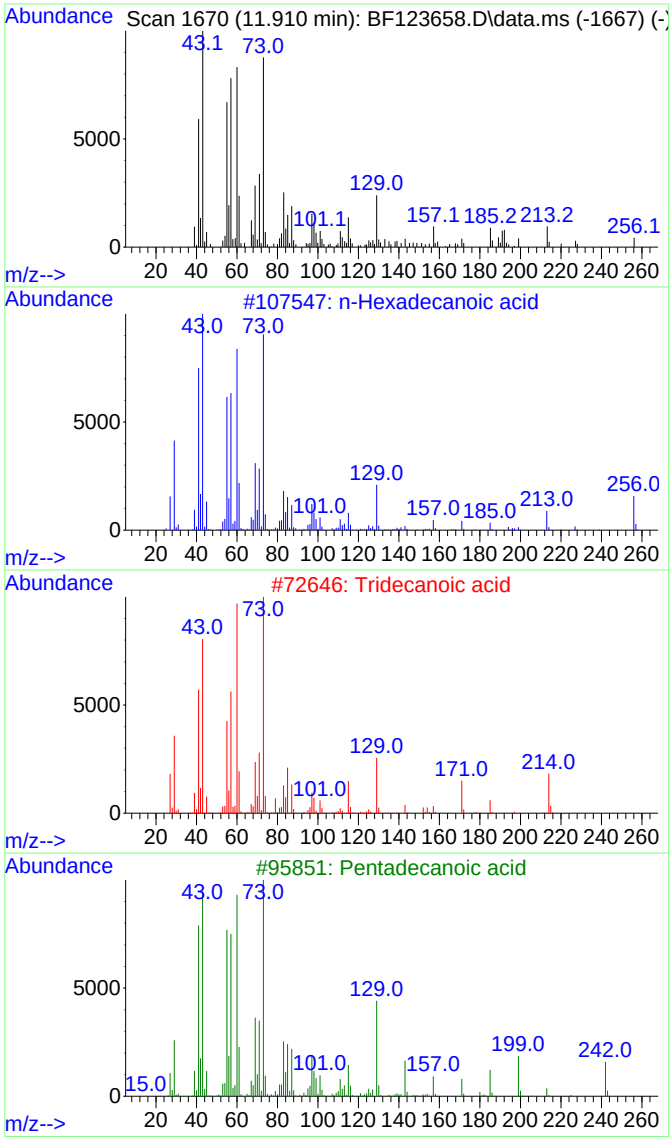
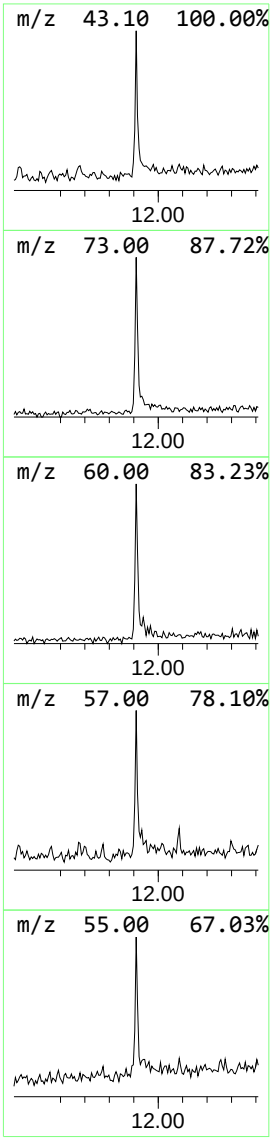
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.25 ng	201381	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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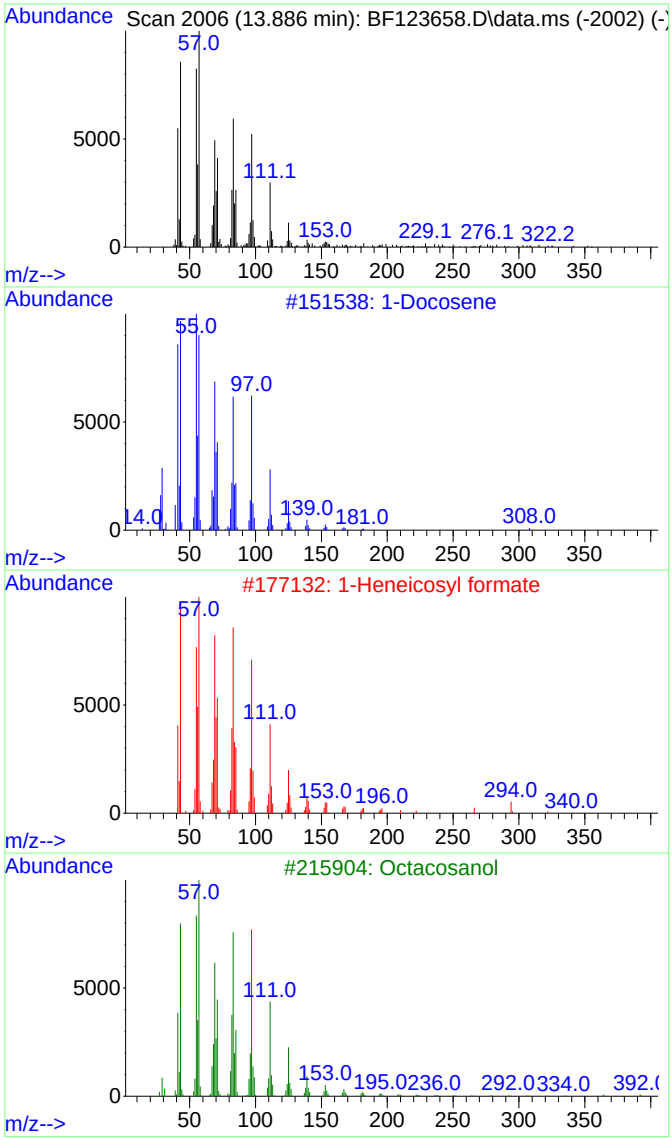
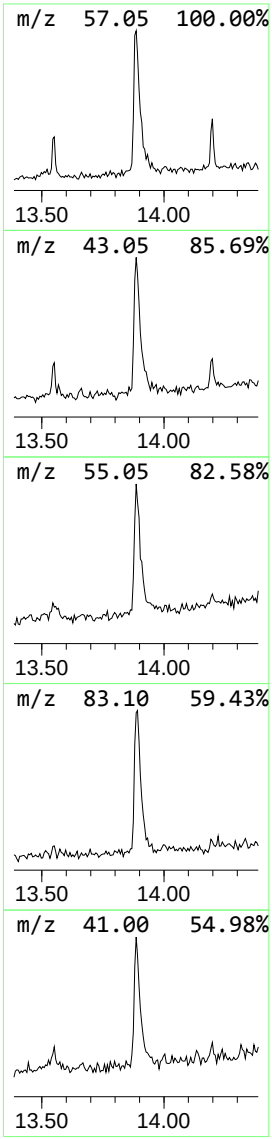
Peak Number 2 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	13.33 ng	883142	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.910	2.3	ng	201381	4	11.380	1792900	20.0
1-Docosene	13.886	13.3	ng	883142	5	14.027	1325530	20.0