LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
Data File : BF137559.D
Acq On : 11 Mar 2024 16:44
Operator : CG\JU
Sample : PB159533BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159533BL

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137559.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.334	30	42	50	rVB	77208	133347	1.60%	0.259%
2	2.463	60	64	74	rVB	66184	102364	1.23%	0.199%
3	5.216	528	532	546	rBV	198786	313793	3.76%	0.611%
4	5.581	589	594	597	rBV	5811633	6302423	75.48%	12.264%
5	6.551	753	759	762	rBV	5508461	6549584	78.44%	12.745%
6	6.904	815	819	840	rBV	1655641	1512189	18.11%	2.943%
7	7.463	909	914	917	rBV	4091372	4278652	51.24%	8.326%
8	8.175	1030	1035	1053	rBV	1902863	2086097	24.98%	4.059%
9	9.257	1212	1219	1222	rBV	6978155	7537199	90.27%	14.667%
10	9.928	1328	1333	1349	rBV	2467105	2461435	29.48%	4.790%
11	10.728	1465	1469	1497	rBV	4383887	4823417	57.77%	9.386%
12	11.428	1584	1588	1606	rBV	2801649	2572088	30.81%	5.005%
13	12.857	1828	1831	1838	rBV	257780	240077	2.88%	0.467%
14	13.039	1857	1862	1865	rBV	7992129	8349513	100.00%	16.248%
15	13.574	1950	1953	1957	rBV	184543	155600	1.86%	0.303%
16	14.092	2037	2041	2061	rBV	1879258	1862448	22.31%	3.624%
17	14.916	2177	2181	2190	rVB	74082	92370	1.11%	0.180%
18	15.292	2241	2245	2250	rBV	84250	98898	1.18%	0.192%
19	15.645	2299	2305	2314	rBV	987460	1396316	16.72%	2.717%
20	15.721	2314	2318	2326	rVB	92996	149957	1.80%	0.292%
21	16.221	2398	2403	2413	rVB	77896	137236	1.64%	0.267%
22	16.810	2497	2503	2512	rVB	71609	134572	1.61%	0.262%
23	17.509	2615	2622	2629	rBV2	46241	98724	1.18%	0.192%

Sum of corrected areas: 51388299

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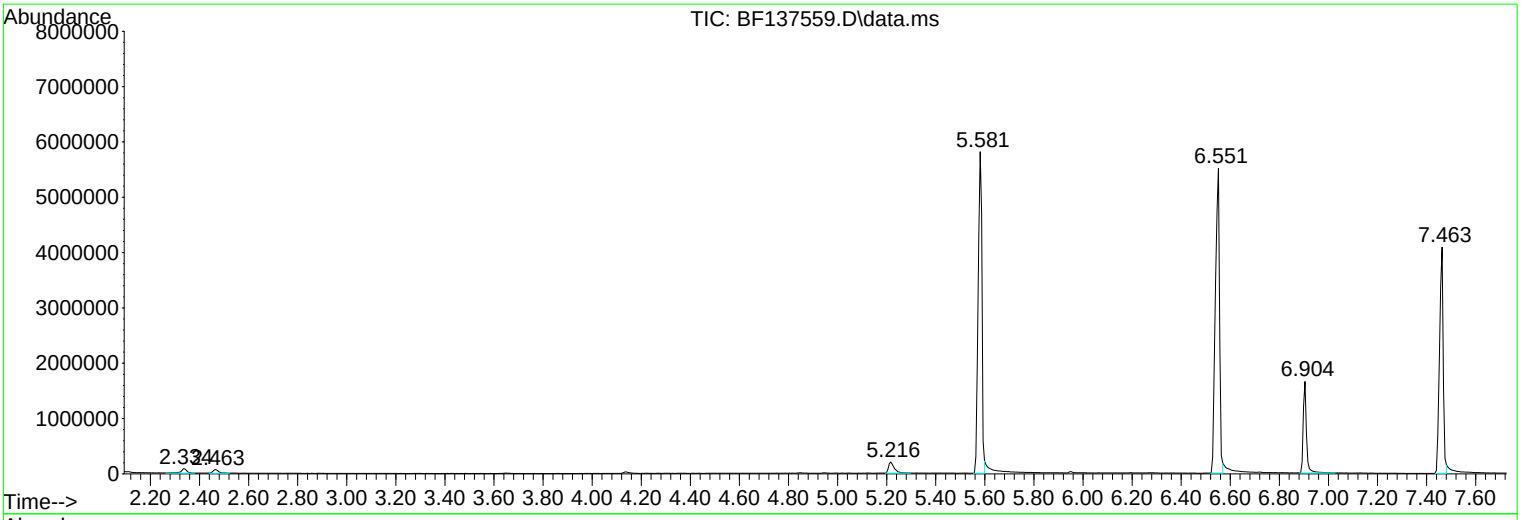
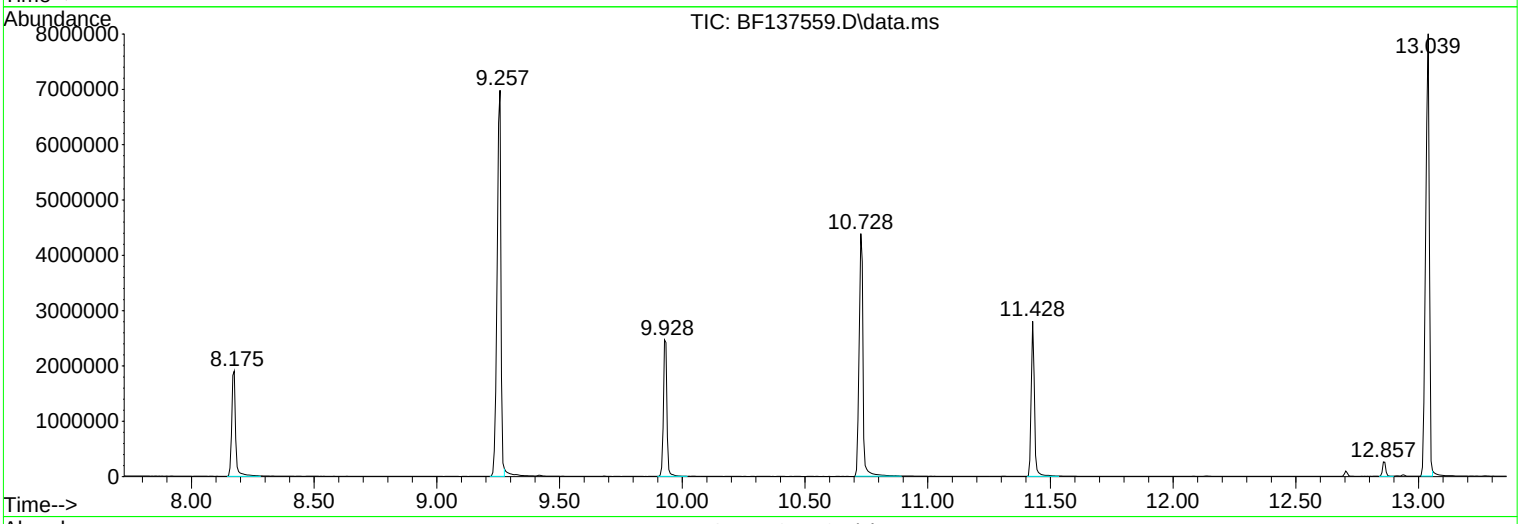
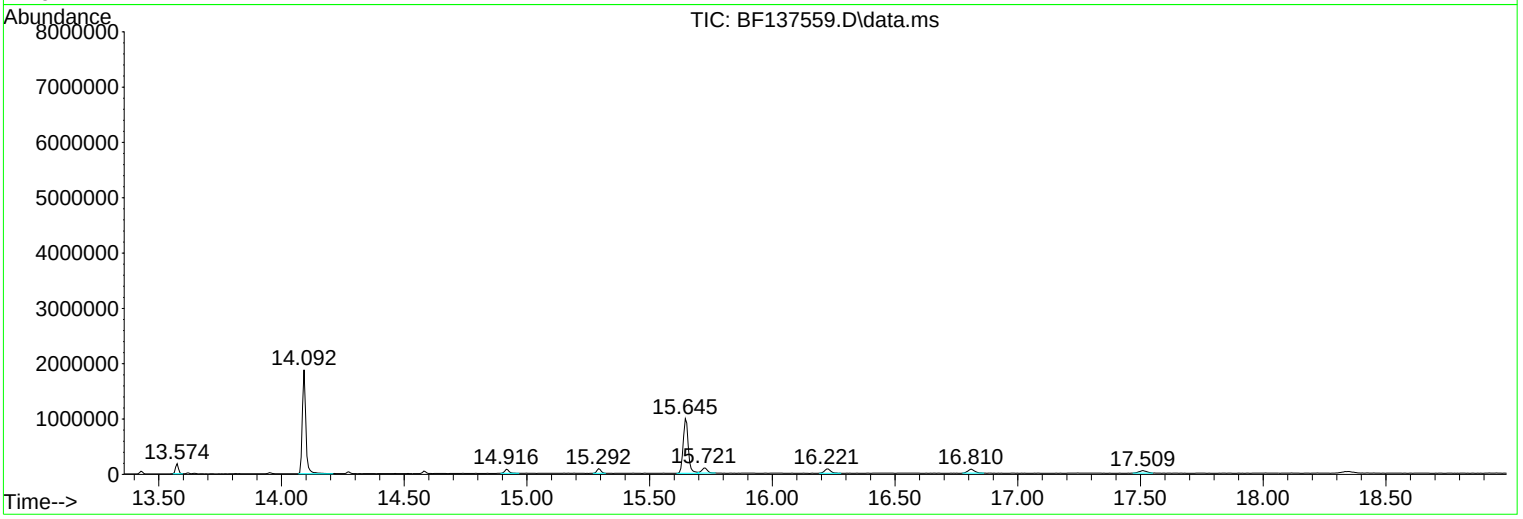
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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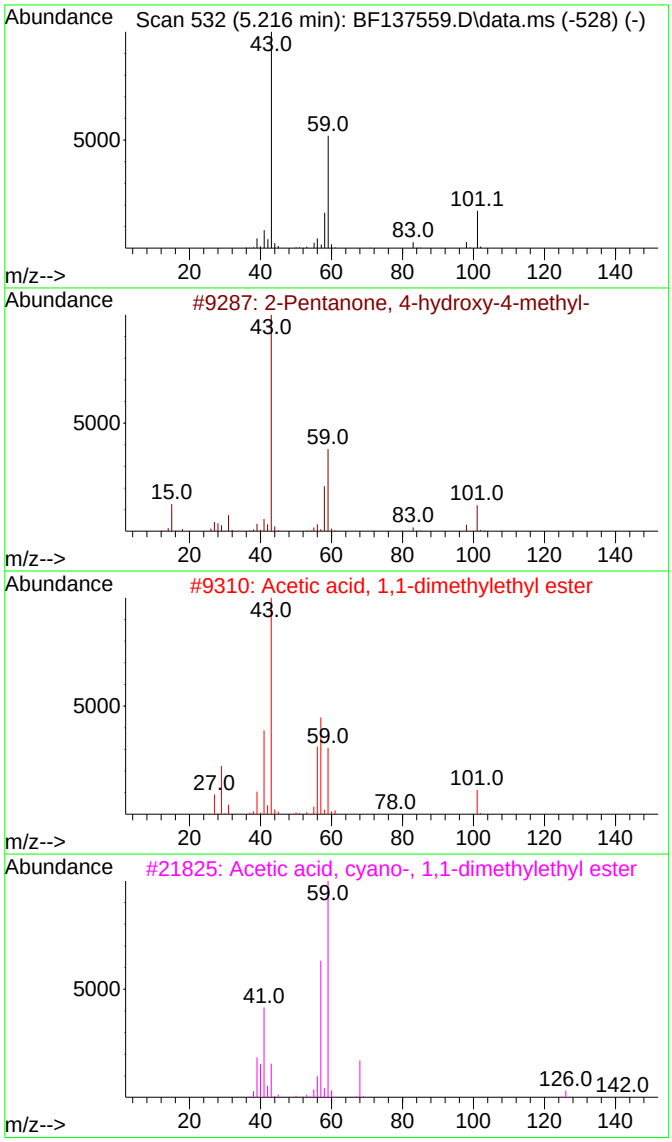
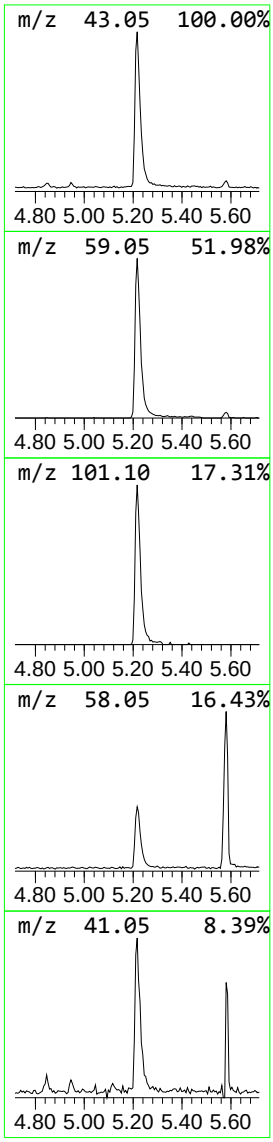
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	4.15 ng	313793	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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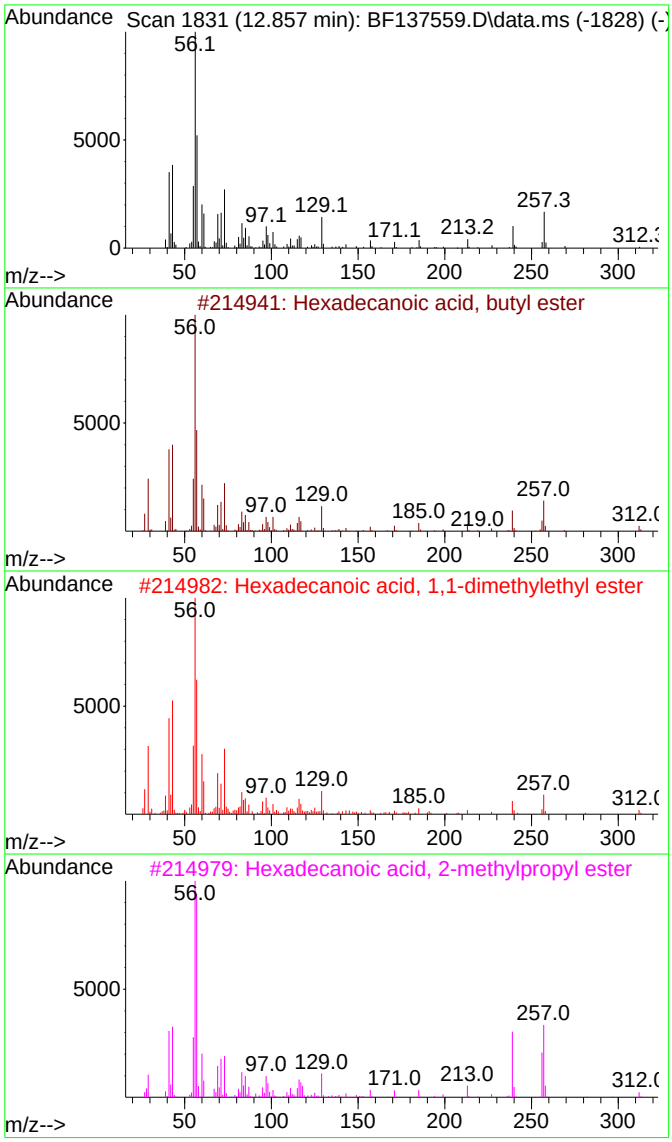
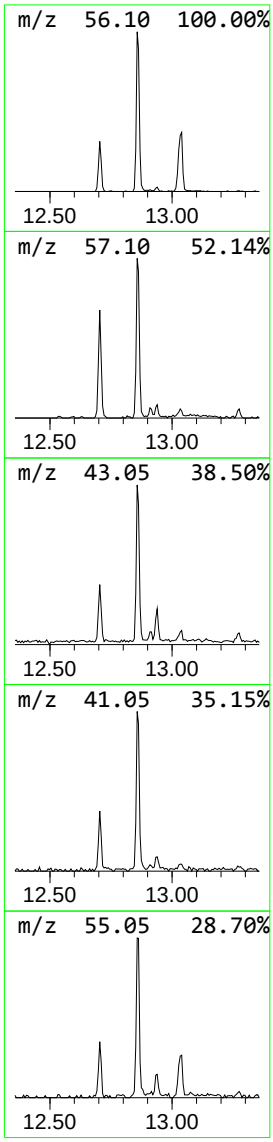
****
Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.857	2.58 ng	240077	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	43
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38





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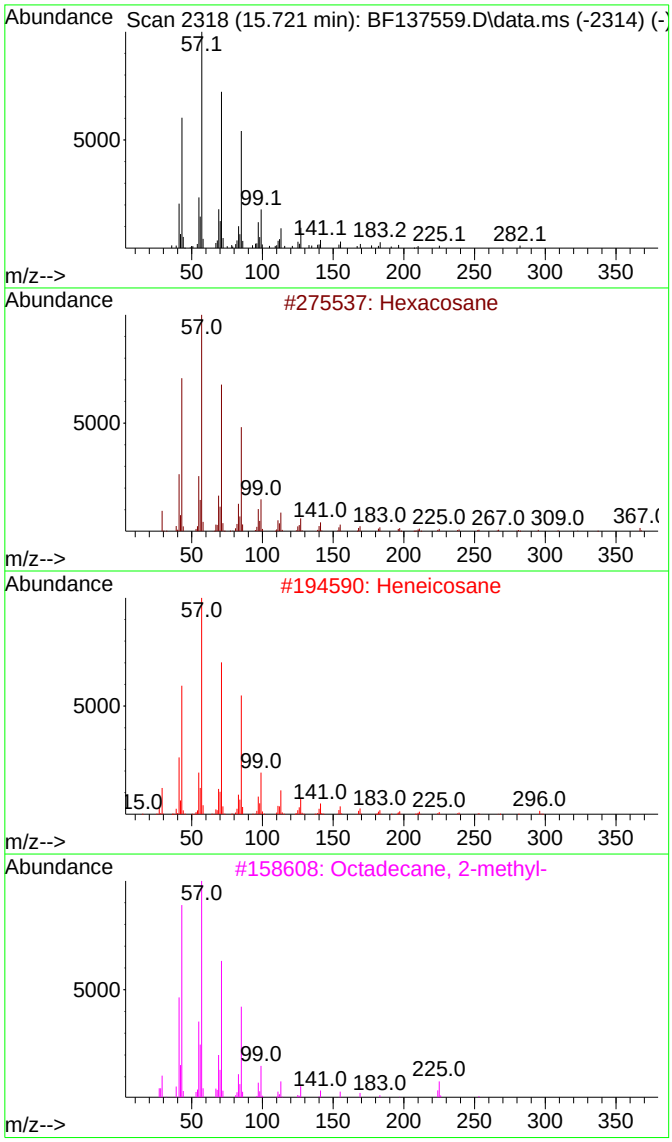
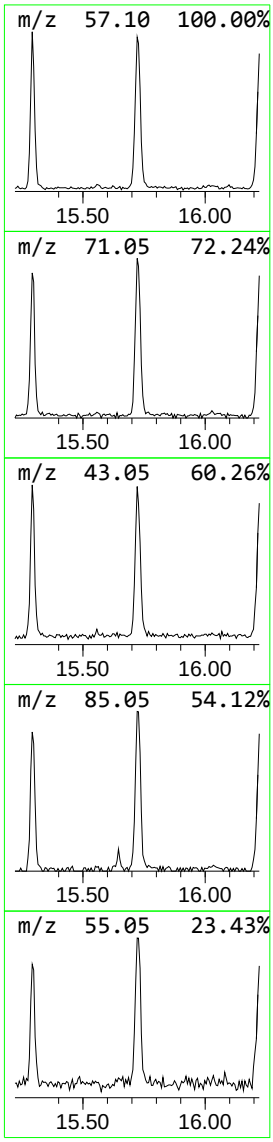
Peak Number 3 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.721	2.15 ng	149957	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octadecane	254	C18H38	000593-45-3	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.216	4.2	ng	313793	1	6.904	1512190	20.0
Hexadecanoic ac...	12.857	2.6	ng	240077	5	14.092	1862450	20.0
Hexacosane	15.721	2.1	ng	149957	6	15.645	1396320	20.0