LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024546.D
Acq On : 06 May 2025 14:25
Operator : RC/JU
Sample : Q1936-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SMALL-PILE-C

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_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024546.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	298	304	314	rBV	106987	159264	3.48%	0.668%
2	5.328	375	381	396	rBV	999908	1502193	32.82%	6.303%
3	6.893	641	647	668	rBV	850200	1525264	33.33%	6.400%
4	7.705	776	785	798	rBV	469772	760758	16.62%	3.192%
5	8.852	972	980	999	rBV	570299	1007895	22.02%	4.229%
6	10.475	1248	1256	1275	rBV	570826	1045763	22.85%	4.388%
7	12.946	1667	1676	1694	rBV	1593763	2484196	54.28%	10.423%
8	14.340	1905	1913	1931	rBV	835115	1430773	31.26%	6.003%
9	15.722	2140	2148	2160	rBV	245632	379496	8.29%	1.592%
10	15.857	2164	2171	2191	rBV	1308675	2163562	47.28%	9.078%
11	17.139	2382	2389	2404	rBV	1126164	1786052	39.03%	7.494%
12	18.069	2542	2547	2556	rBV2	159256	301104	6.58%	1.263%
13	19.404	2770	2774	2782	rBV4	47143	84819	1.85%	0.356%
14	19.857	2845	2851	2864	rBV	3561488	4576370	100.00%	19.202%
15	21.580	3139	3144	3159	rBV2	1445408	2213754	48.37%	9.288%
16	24.916	3703	3711	3726	rVB	889840	2412094	52.71%	10.121%

Sum of corrected areas: 23833357

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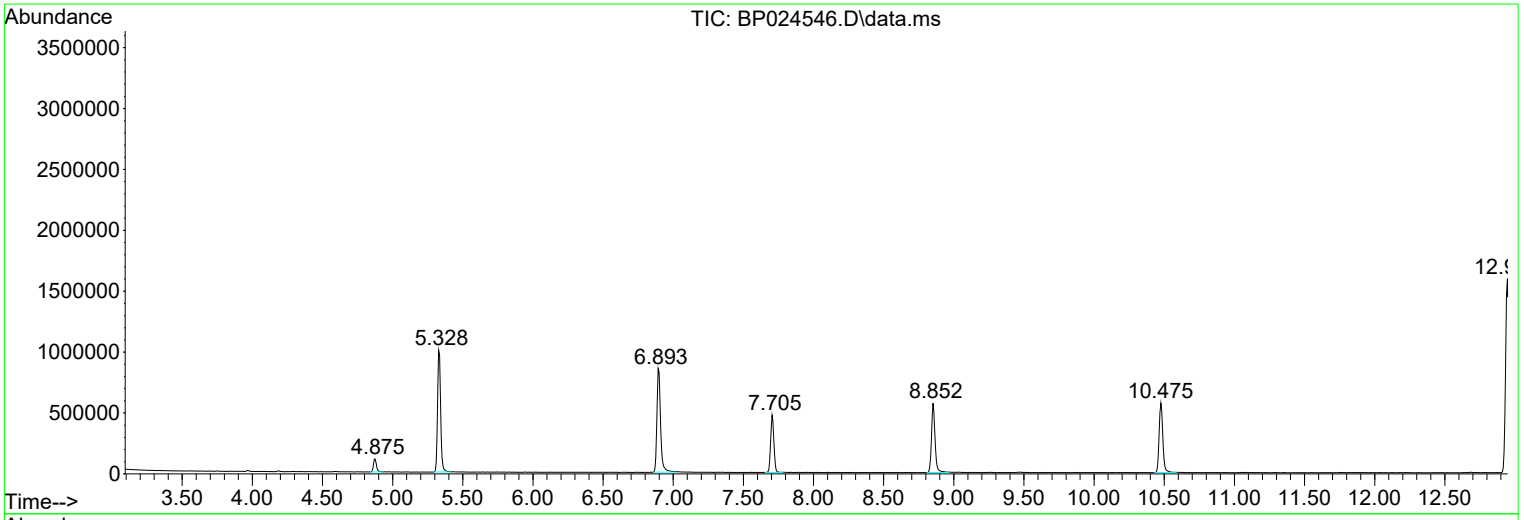
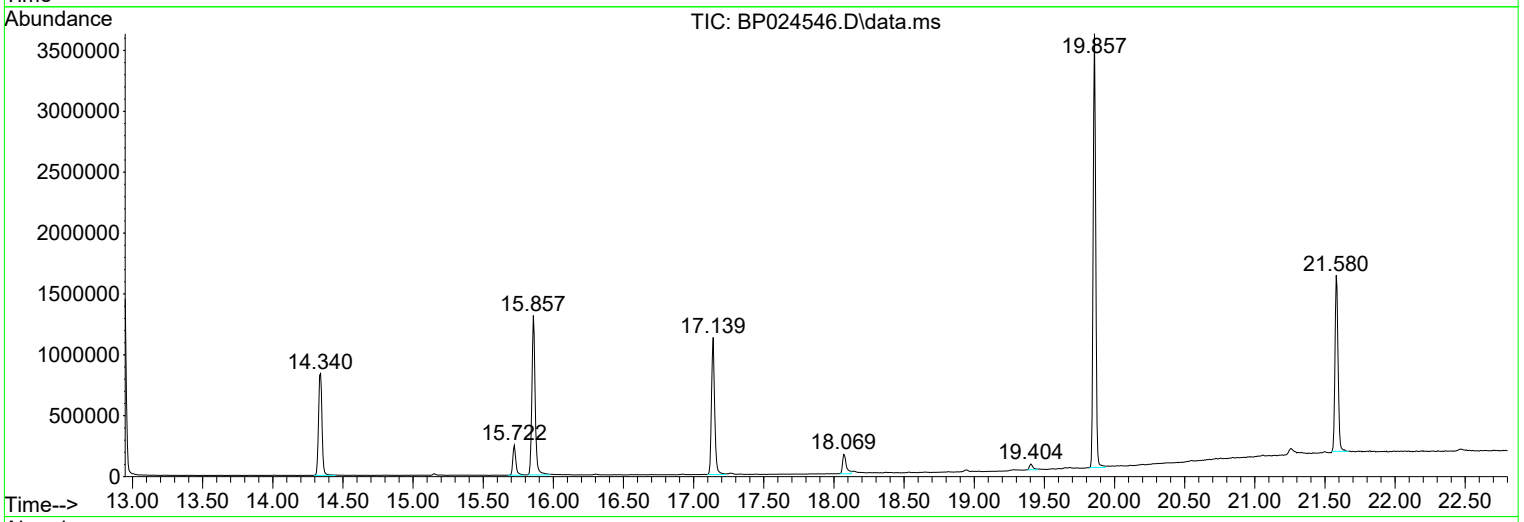
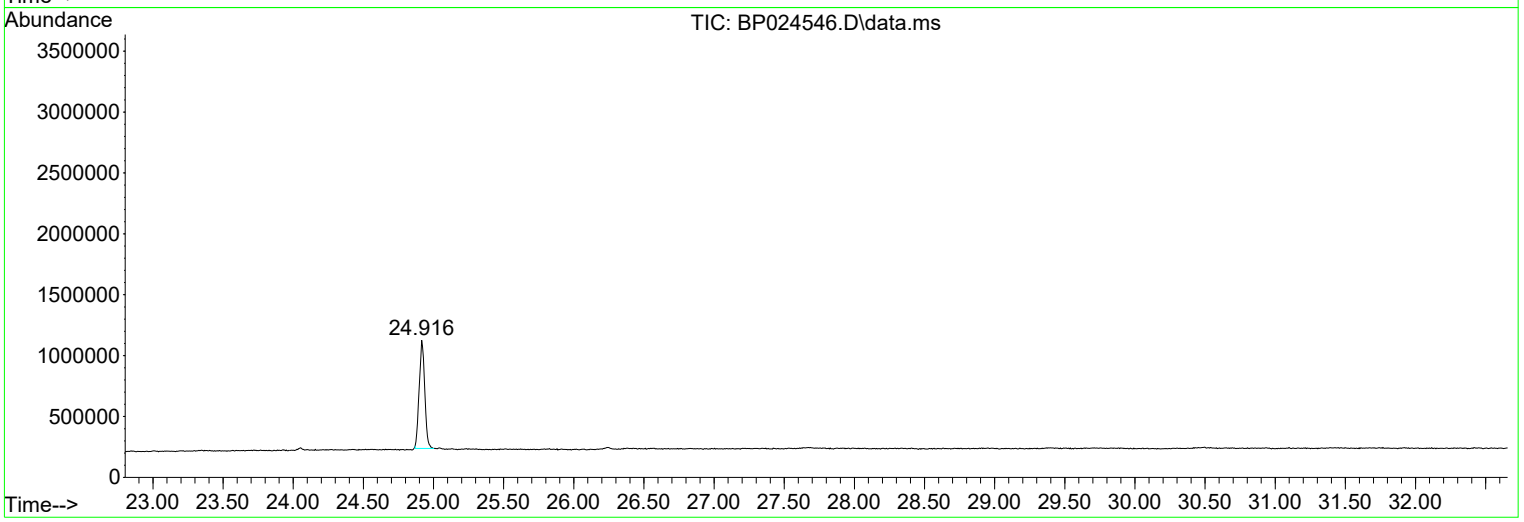
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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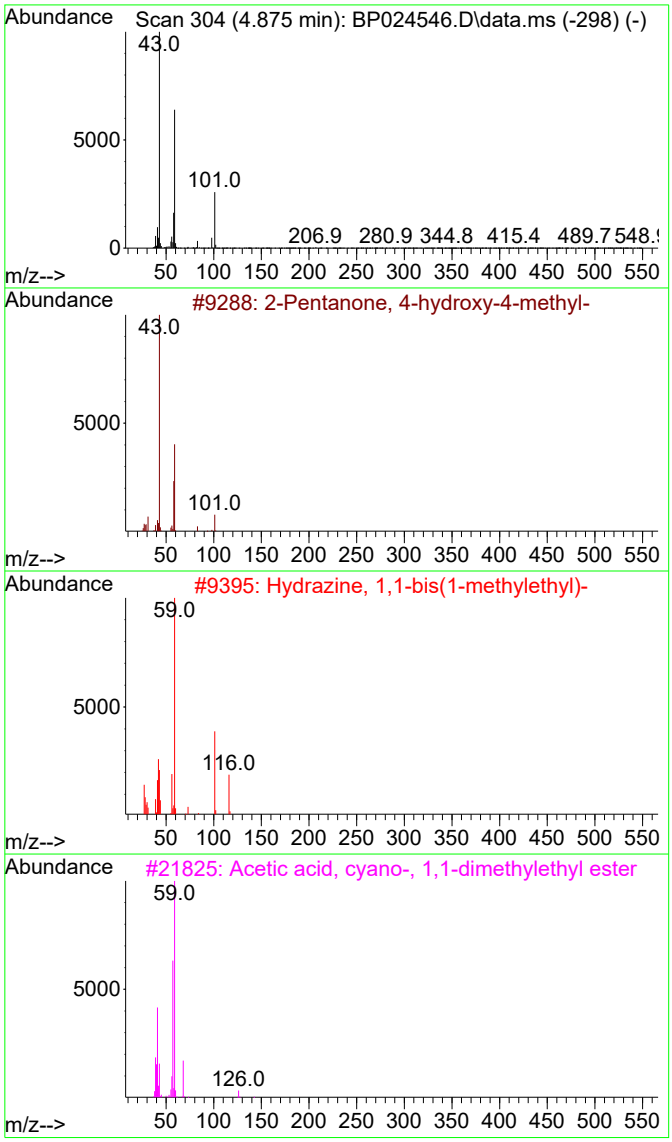
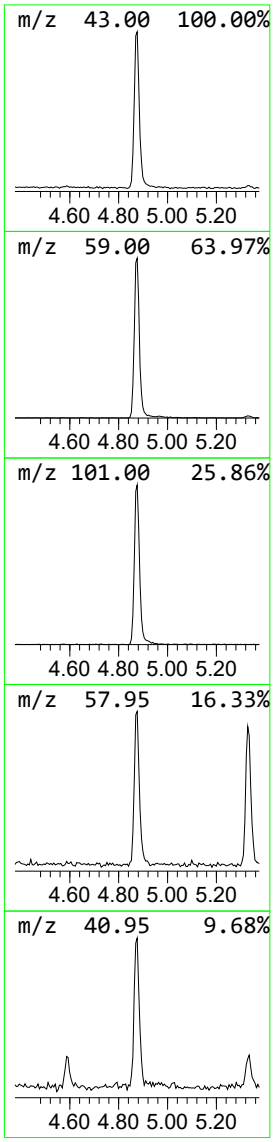
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	4.19 ng	159264	1,4-Dichlorobenzene-d4	7.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	23
5	Hexanamide	115	C6H13NO	000628-02-4	12





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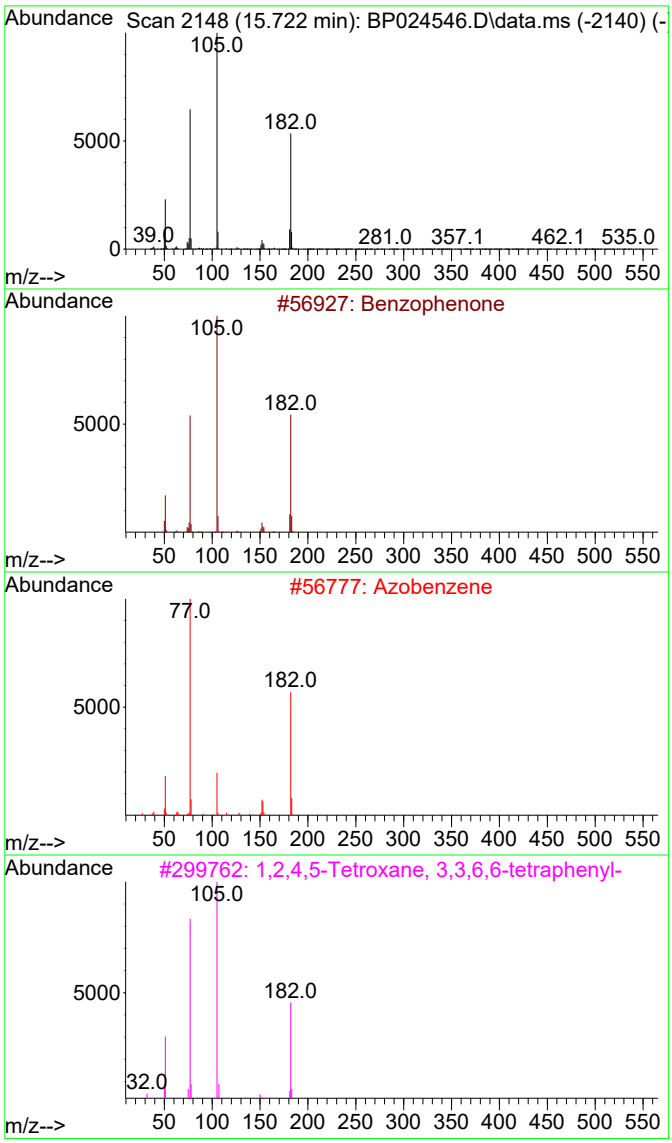
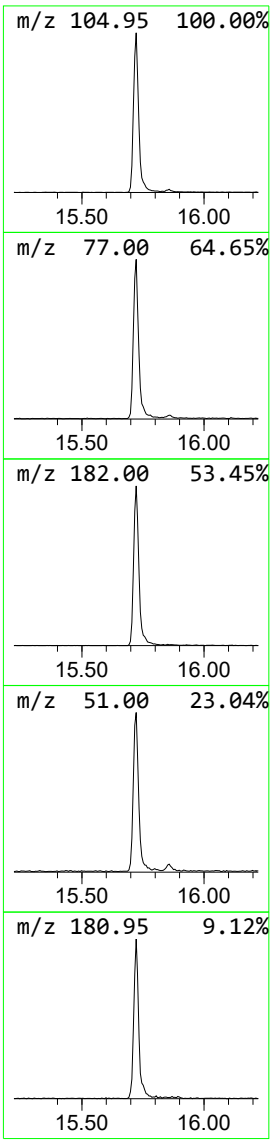
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	5.30 ng	379496	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Bicyclo[3.2.1]octane-6-carboxyli...	182	C10H14O3	1000362-16-3	59
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50





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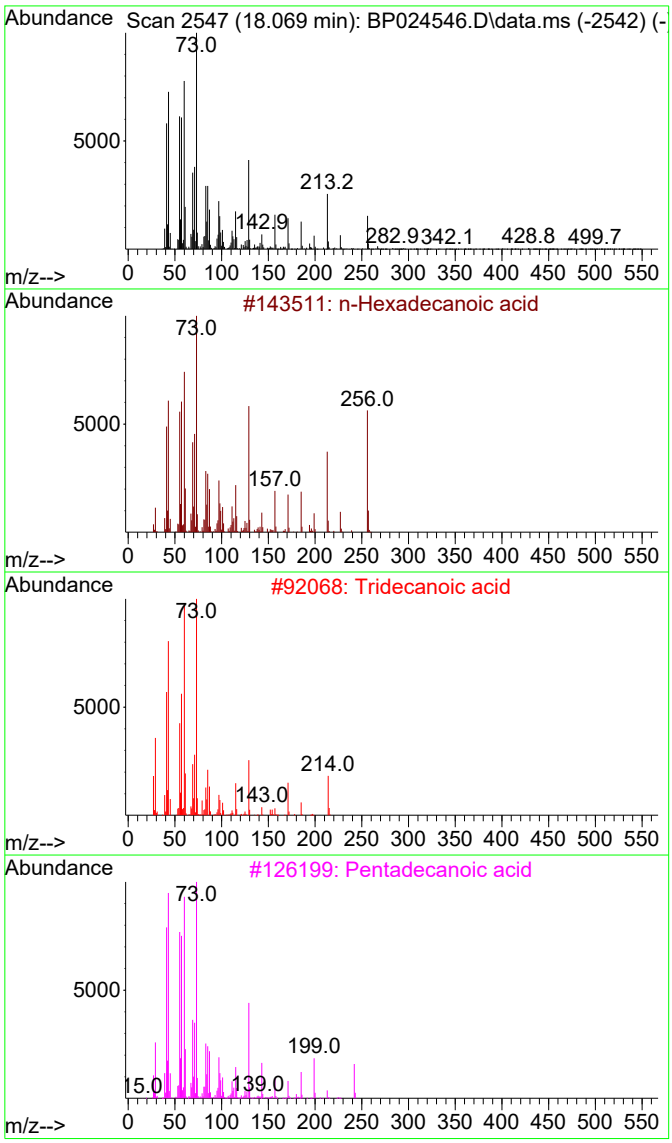
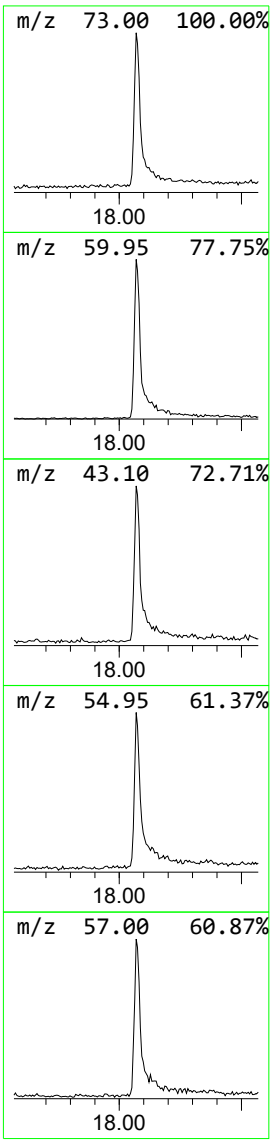
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	3.37 ng	301104	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





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-...	4.875	4.2	ng	159264	1	7.705	760758	20.0
Benzophenone	15.722	5.3	ng	379496	3	14.340	1430770	20.0
n-Hexadecanoic ...	18.069	3.4	ng	301104	4	17.140	1786050	20.0