LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024699.D
Acq On : 19 May 2025 21:43
Operator : RC/JU
Sample : Q2071-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : L1-WC-7

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024699.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.823	290	295	308	rVB	80524	123561	2.63%	0.555%
2	5.293	368	375	392	rBV	752352	1299710	27.62%	5.837%
3	6.864	635	642	675	rBV	767493	1543071	32.80%	6.930%
4	7.658	769	777	787	rBV	319718	525272	11.16%	2.359%
5	8.805	964	972	996	rBV	442581	809988	17.22%	3.638%
6	10.428	1238	1248	1261	rBV	417856	724501	15.40%	3.254%
7	12.899	1661	1668	1683	rBV	1353871	2187894	46.50%	9.827%
8	14.287	1895	1904	1922	rBV	588804	1017415	21.62%	4.570%
9	15.675	2134	2140	2156	rBV	387432	518293	11.02%	2.328%
10	15.804	2156	2162	2183	rVV	1489414	2434543	51.74%	10.934%
11	16.245	2232	2237	2246	rVB	71765	95754	2.04%	0.430%
12	17.087	2373	2380	2395	rBV	769297	1259674	26.77%	5.658%
13	18.022	2534	2539	2548	rBV	135415	255565	5.43%	1.148%
14	19.357	2762	2766	2772	rBV3	30262	57932	1.23%	0.260%
15	19.804	2837	2842	2852	rBV	4002285	4705076	100.00%	21.132%
16	21.181	3072	3076	3086	rBV3	126560	245066	5.21%	1.101%
17	21.516	3127	3133	3146	rBV	1053867	1789193	38.03%	8.036%
18	21.680	3157	3161	3170	rBV	133202	229874	4.89%	1.032%
19	23.063	3393	3396	3407	rVB4	110215	224288	4.77%	1.007%
20	24.798	3683	3691	3704	rVB	881061	2218320	47.15%	9.963%

Sum of corrected areas: 22264990

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ClientSampleId :
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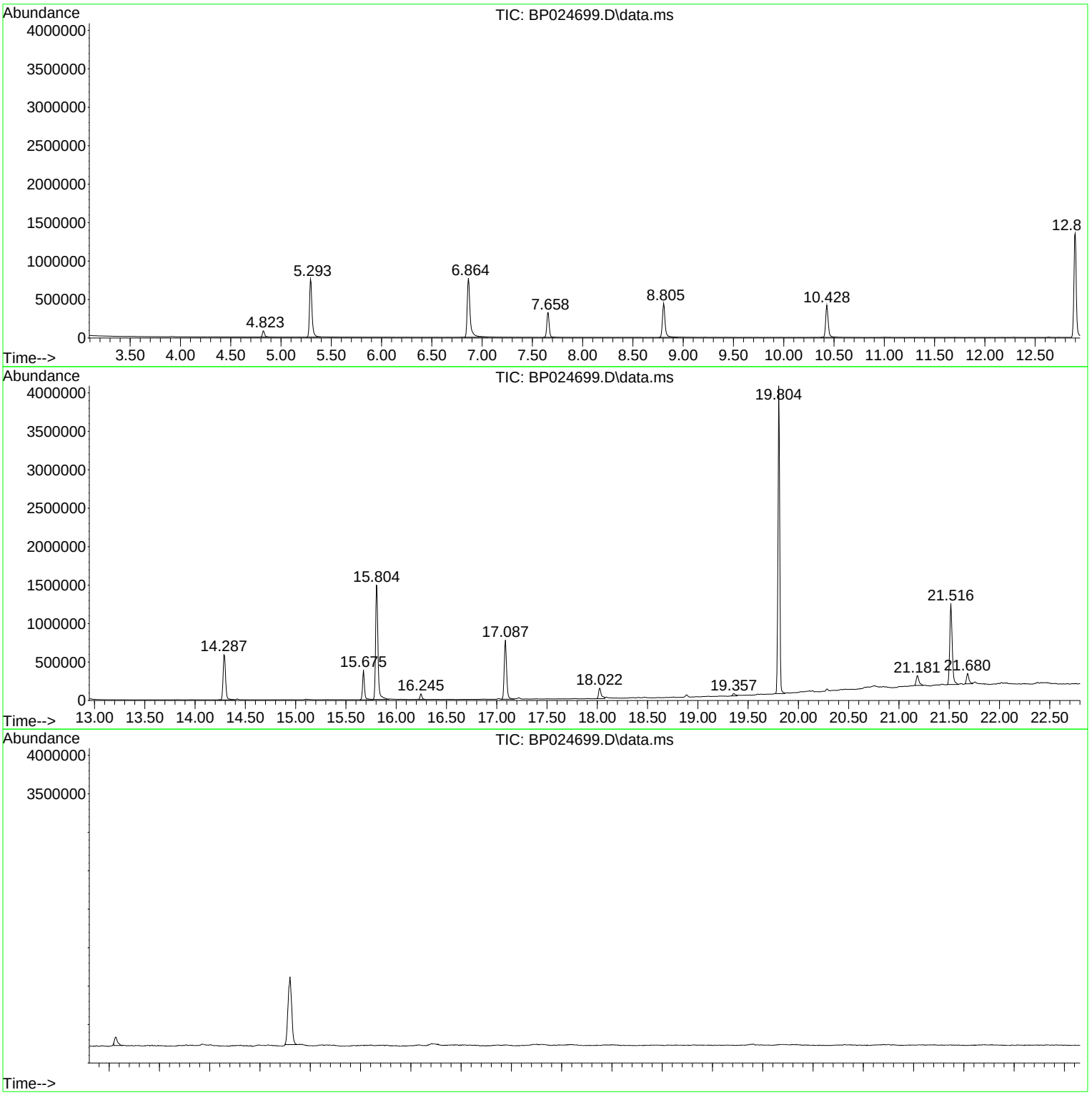
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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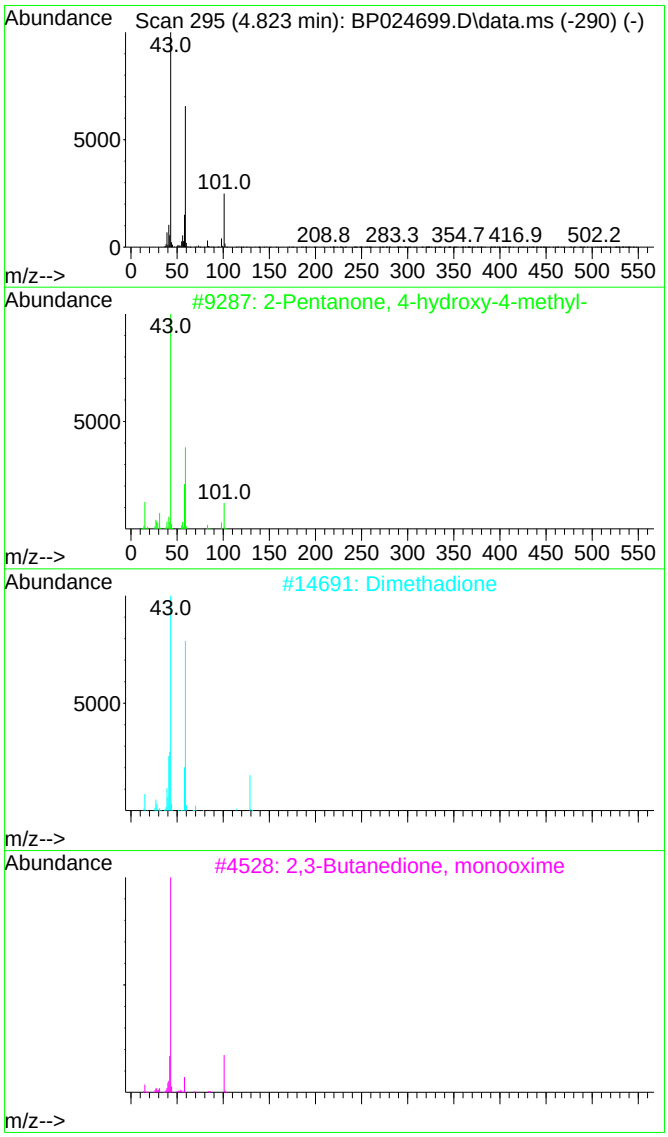
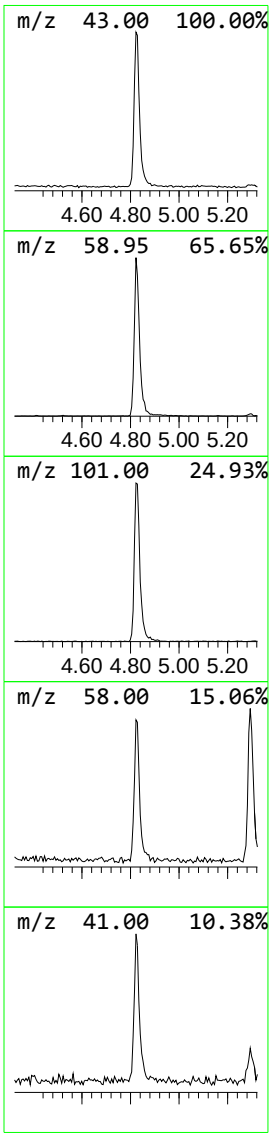
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.823	4.70 ng	123561	1,4-Dichlorobenzene-d4	7.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Dimethadione	129	C5H7NO3	000695-53-4	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	17
5	1,2-Butanediol	90	C4H10O2	000584-03-2	17





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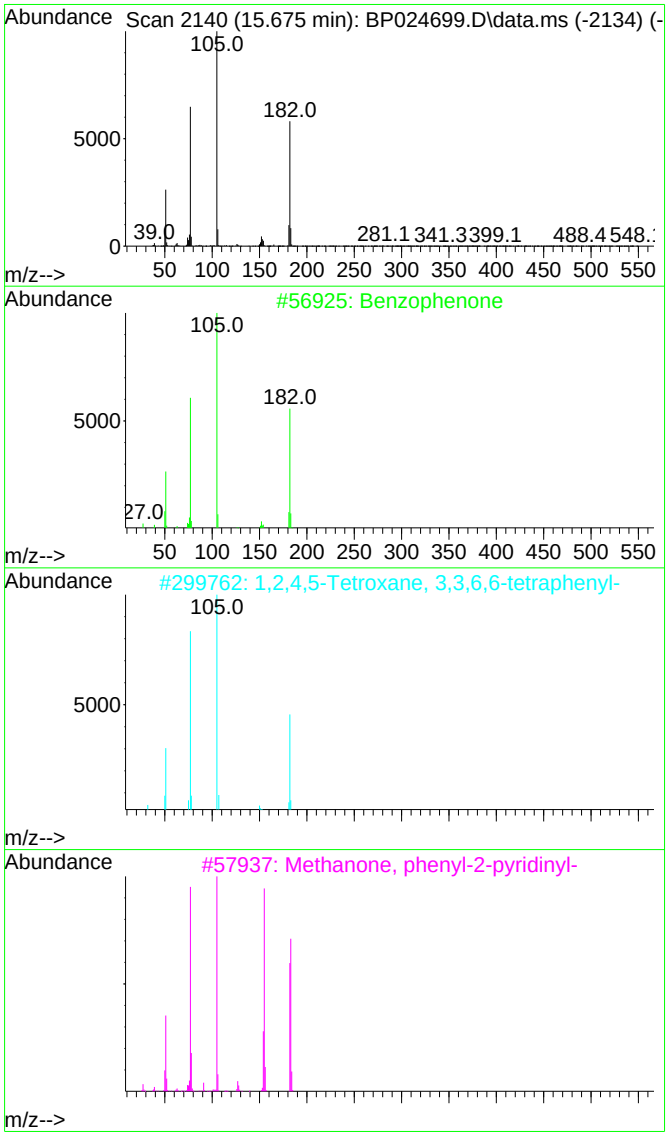
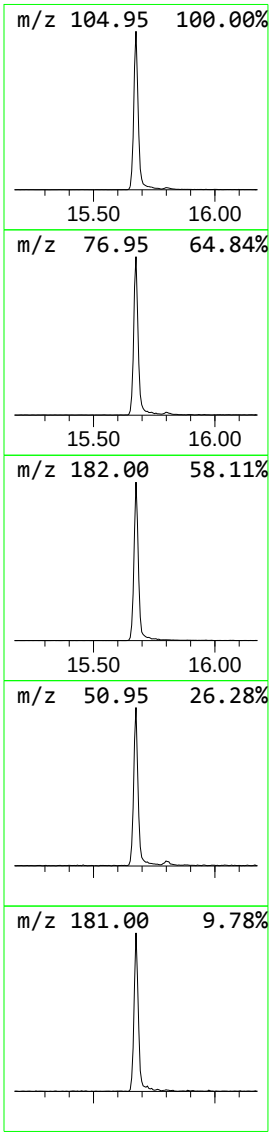
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.675	10.19 ng	518293	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	53
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





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Sample : Q2071-01
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ClientSampleId :
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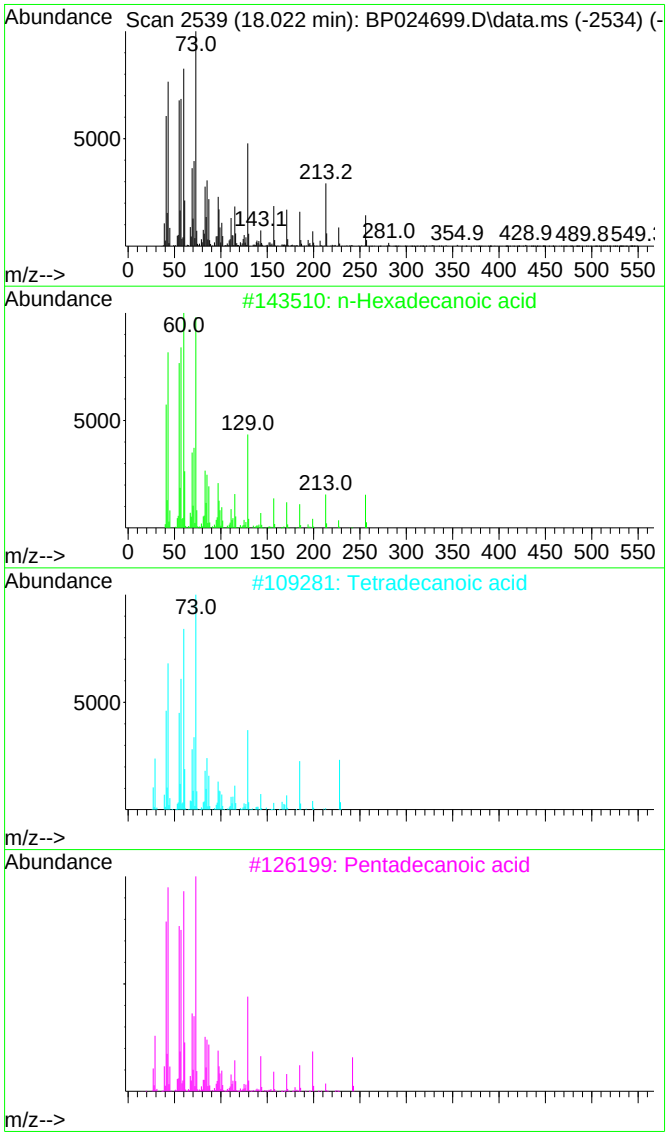
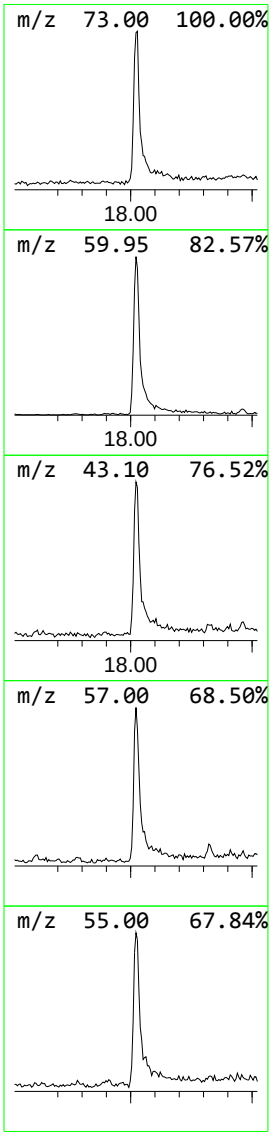
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	4.06 ng	255565	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	89





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
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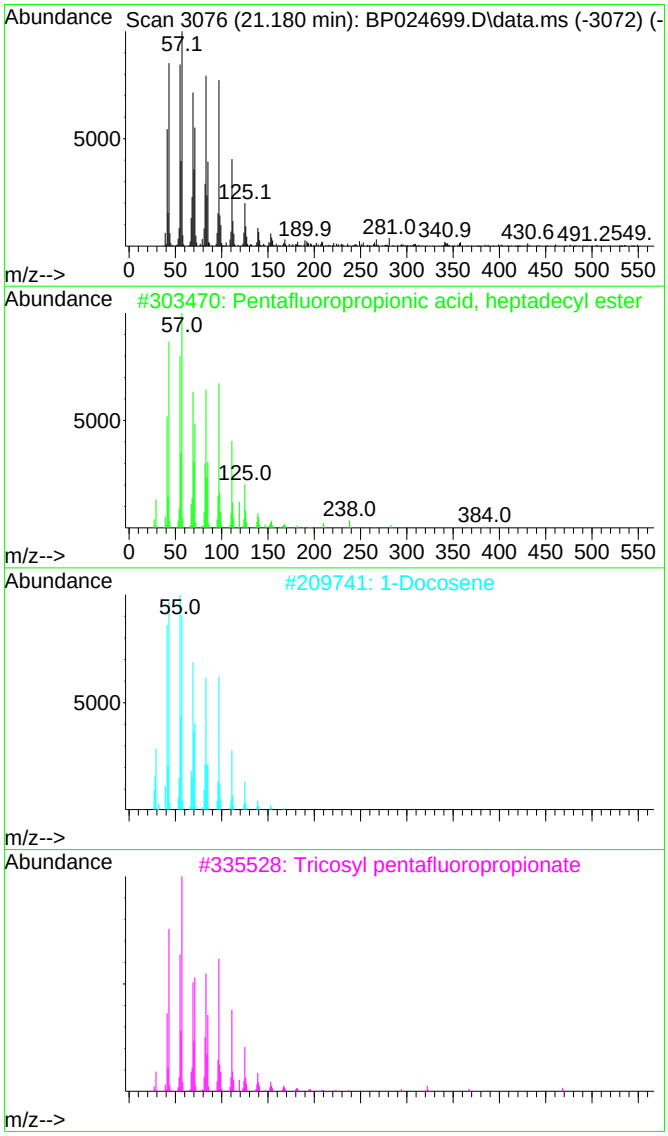
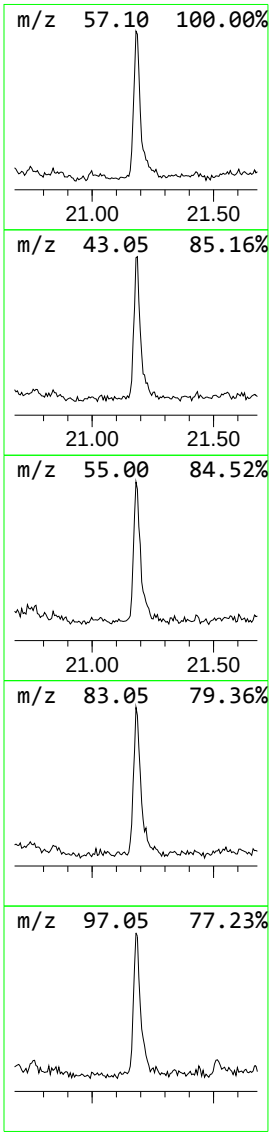
****
Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	2.74 ng	245066	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	95
2	1-Docosene	308	C22H44	001599-67-3	94
3	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	94
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	94
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	94





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Instrument :
BNA_P
ClientSampleId :
L1-WC-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
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TIC Library : C:\Database\NIST20.L
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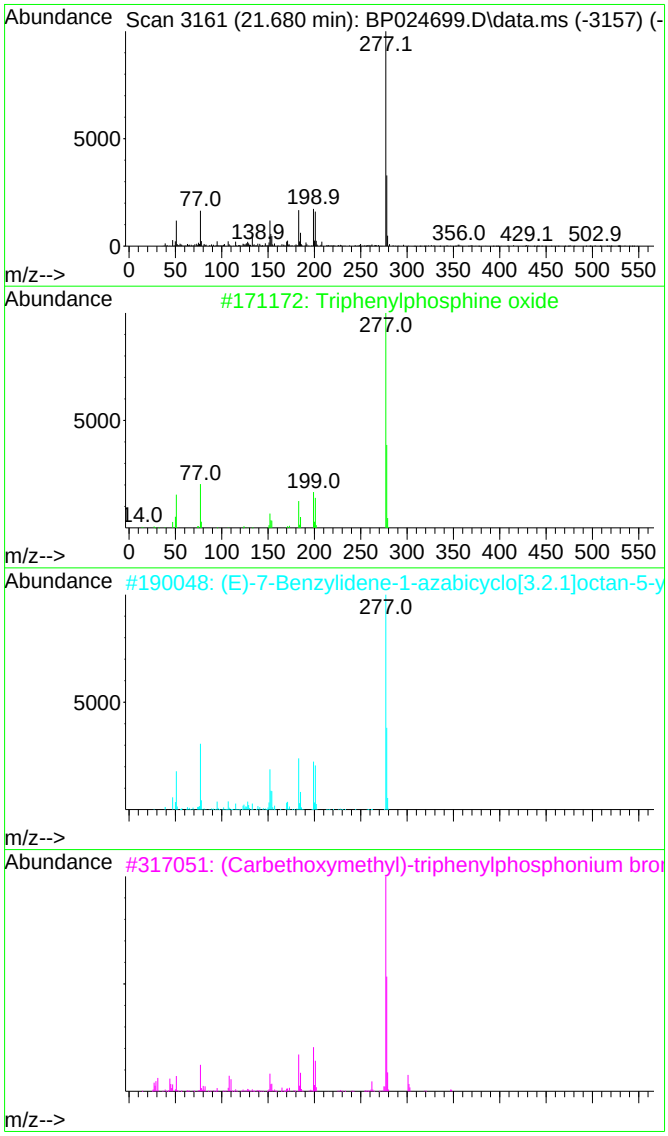
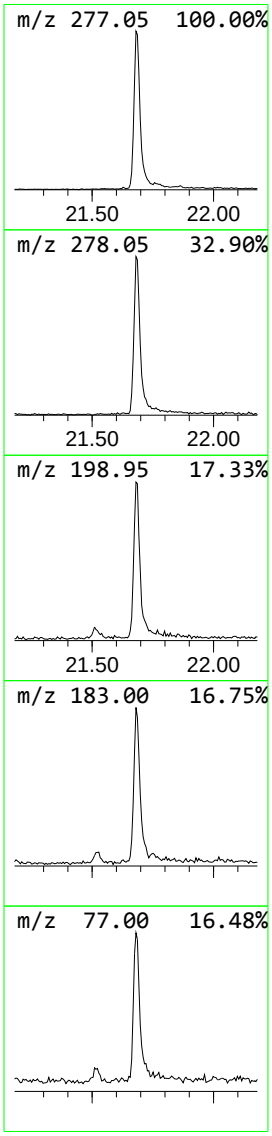
****

Peak Number 5 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.680	2.57 ng	229874	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	40
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	38
5	[1,2,4]Triazolo[1,5-a]pyrimidine...	278	C15H14N6	1000350-69-0	23





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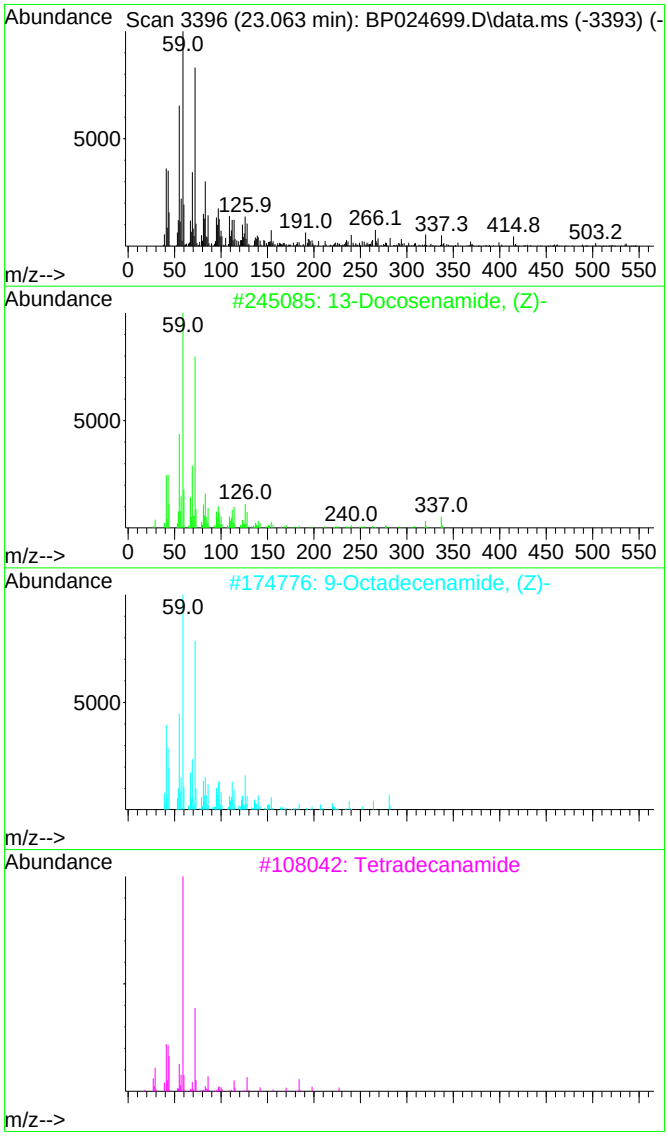
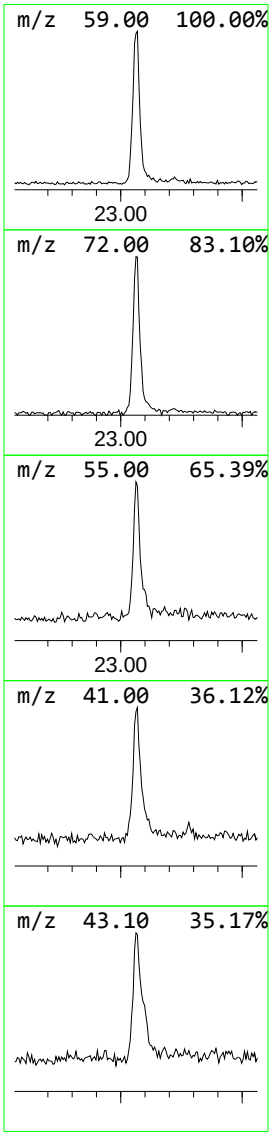
****

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.063	2.51 ng	224288	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	94
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3	Tetradecanamide	227	C14H29NO	000638-58-4	43
4	Dodecanamide	199	C12H25NO	001120-16-7	38
5	Propionamide, 3-bromo-N-propyl-N...	249	C10H20BrNO	1000438-64-9	30





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
2-Pentanone, 4-...	4.823	4.7	ng	123561	1	7.658	525272	20.0
Benzophenone	15.675	10.2	ng	518293	3	14.287	1017420	20.0
n-Hexadecanoic ...	18.022	4.1	ng	255565	4	17.087	1259670	20.0
Pentafluoroprop...	21.180	2.7	ng	245066	5	21.516	1789190	20.0
Triphenylphosph...	21.680	2.6	ng	229874	5	21.516	1789190	20.0
13-Docosenamide...	23.063	2.5	ng	224288	5	21.516	1789190	20.0