LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082622\
Data File : BP011589.D
Acq On : 26 Aug 2022 20:58
Operator : CG/JU
Sample : N4355-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-43

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-BP082622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP011589.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.699	286	291	301	rVB	156051	220237	1.48%	0.483%
2	5.146	361	367	377	rBV	1065282	1613057	10.81%	3.538%
3	6.734	631	637	651	rVB	753857	1187059	7.95%	2.603%
4	7.540	766	774	783	rBV	337807	538177	3.61%	1.180%
5	8.640	955	961	966	rBV	107695	172973	1.16%	0.379%
6	8.711	966	973	982	rVB2	1424997	2368052	15.87%	5.193%
7	9.728	1137	1146	1154	rVB2	144506	276387	1.85%	0.606%
8	10.328	1241	1248	1253	rBV	474020	771512	5.17%	1.692%
9	12.828	1663	1673	1680	rBV	3230271	4562966	30.57%	10.007%
10	14.216	1902	1909	1915	rBV	724293	1081853	7.25%	2.373%
11	15.722	2158	2165	2173	rBV	3402242	4642858	31.11%	10.182%
12	16.987	2374	2380	2385	rBV	983250	1375949	9.22%	3.018%
13	17.910	2532	2537	2545	rBV	106455	178108	1.19%	0.391%
14	19.586	2816	2822	2827	rBV	6663110	7700220	51.59%	16.887%
15	20.845	3033	3036	3043	rVB2	192122	255238	1.71%	0.560%
16	21.110	3077	3081	3086	rBV	1473826	1741383	11.67%	3.819%
17	21.257	3099	3106	3123	rBV	10457113	14924665	100.00%	32.731%
18	23.398	3464	3470	3477	rVB2	1033397	1986663	13.31%	4.357%

Sum of corrected areas: 45597357

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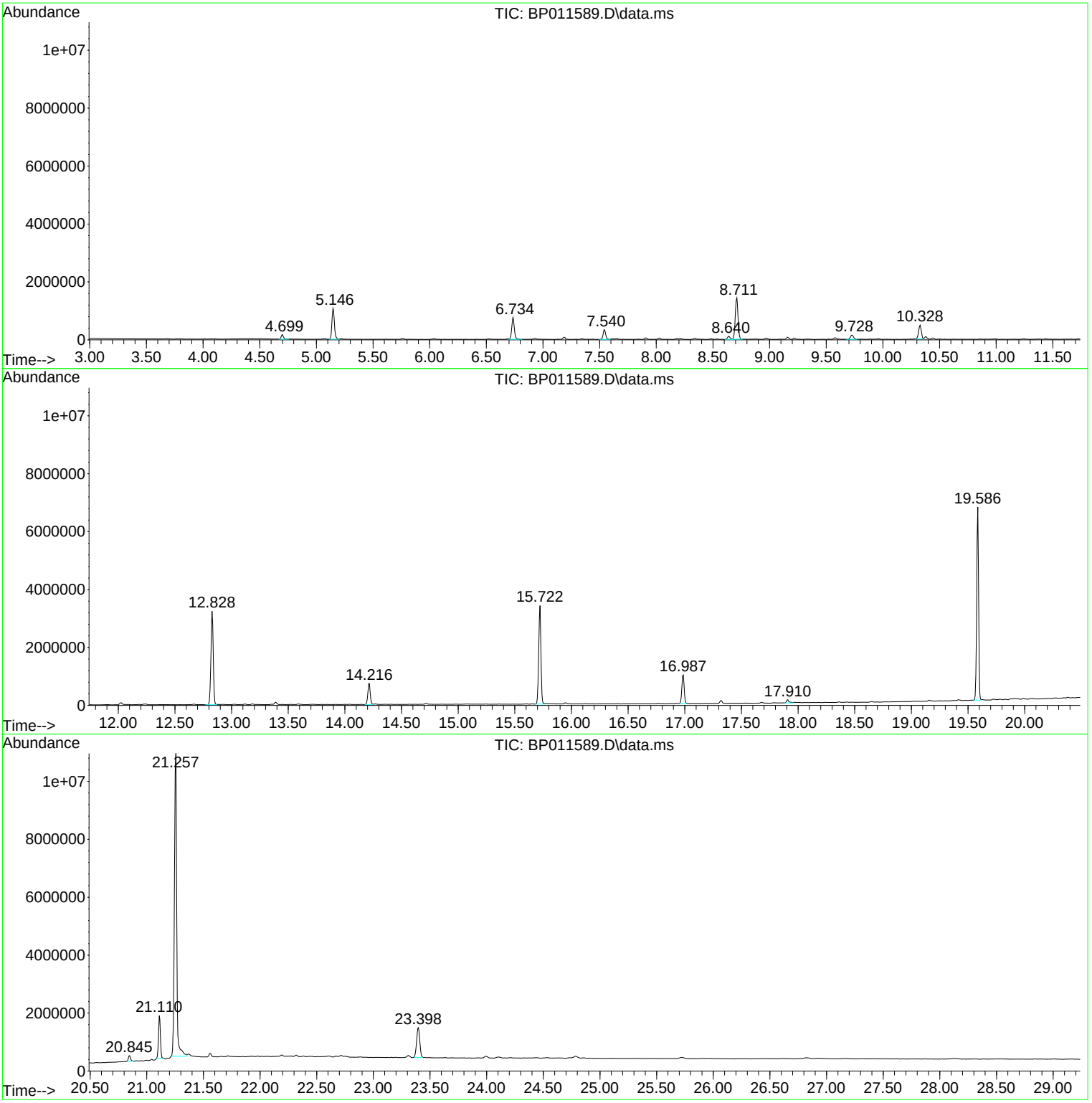
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BP011589.D
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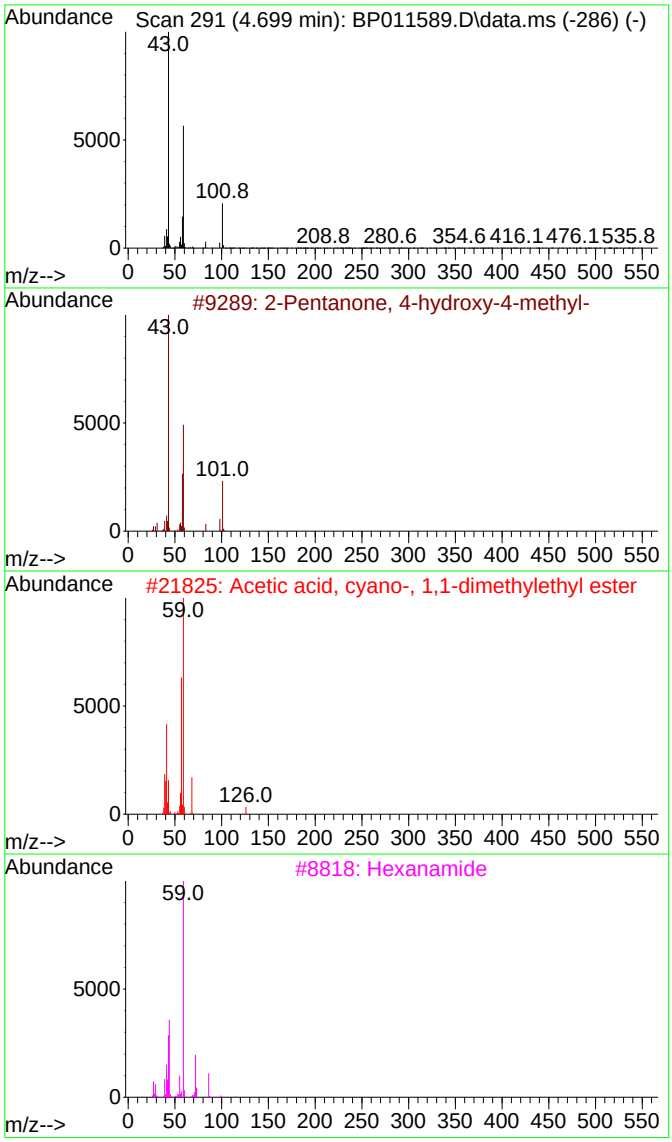
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

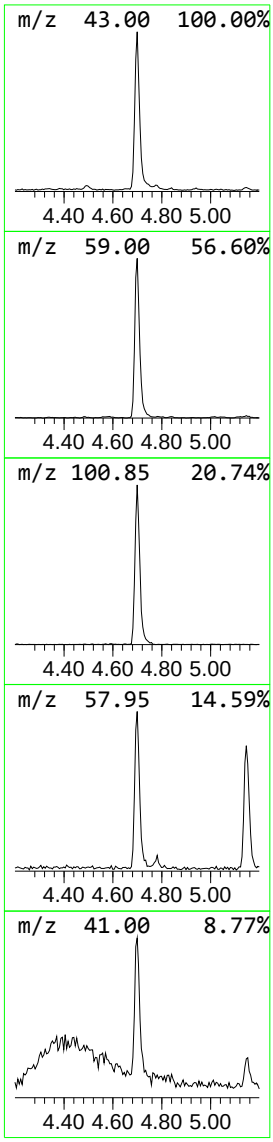
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.699	8.18 ng	220237	1,4-Dichlorobenzene-d4	7.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Hexanamide	115	C6H13NO	000628-02-4	16
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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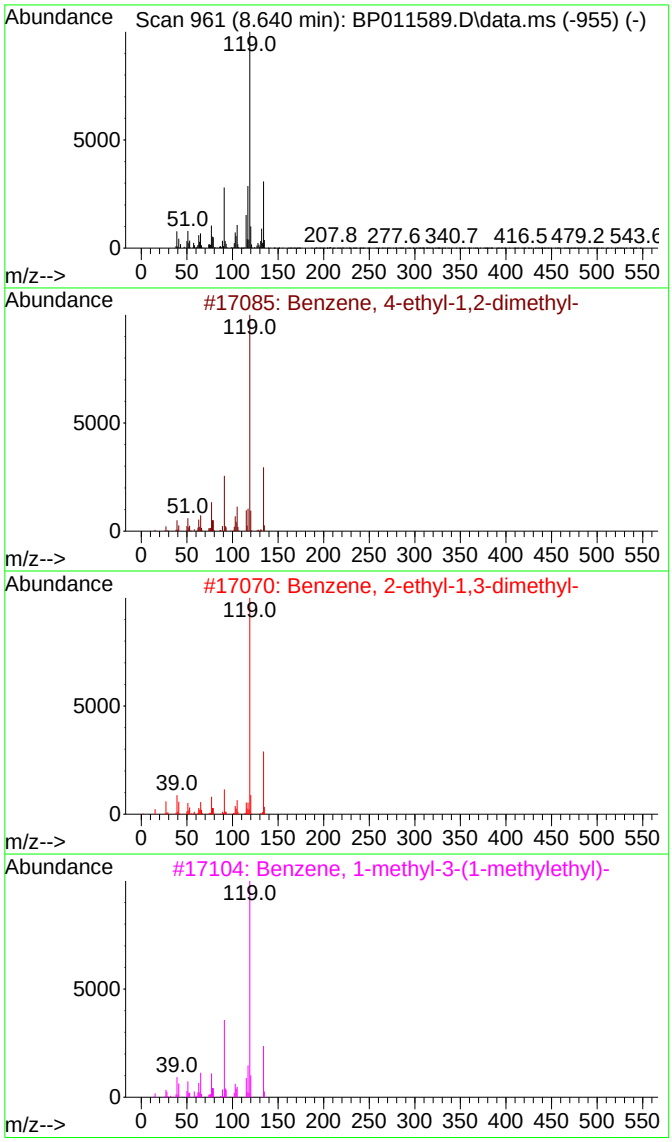
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

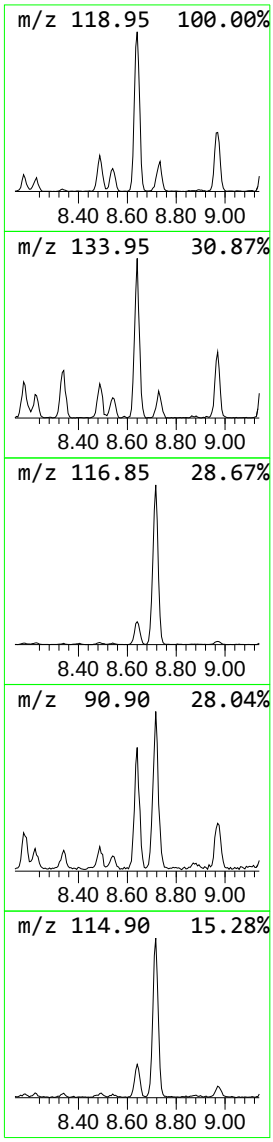
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.640	6.43 ng	172973	1,4-Dichlorobenzene-d4	7.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	p-Cymene	134	C10H14	000099-87-6	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87





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Sample : N4355-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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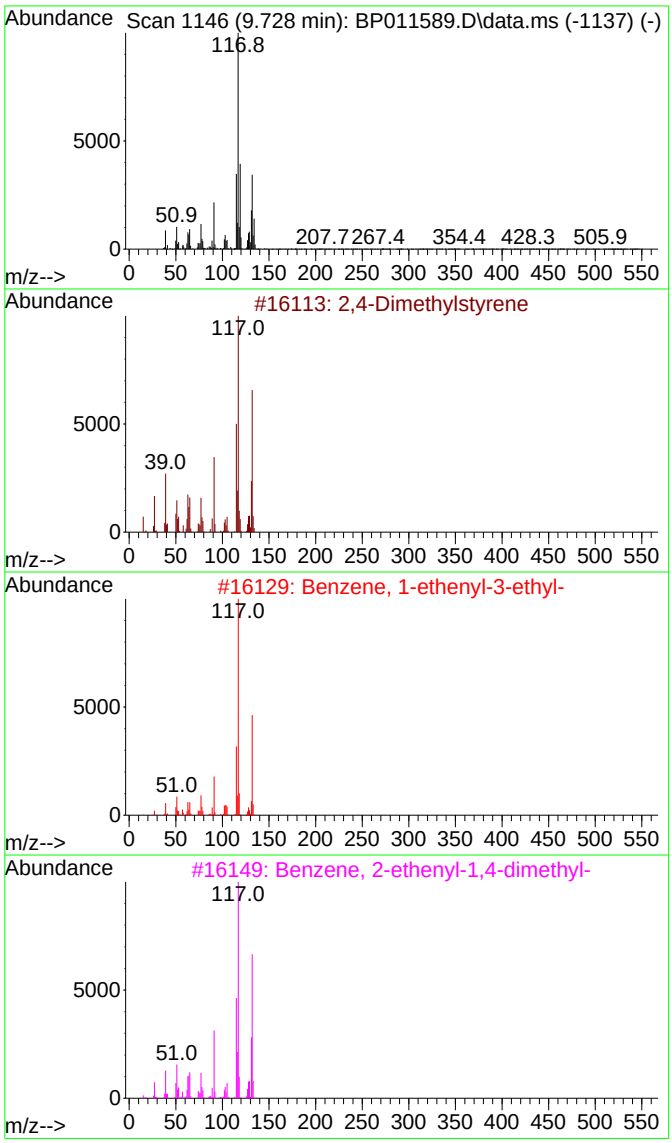
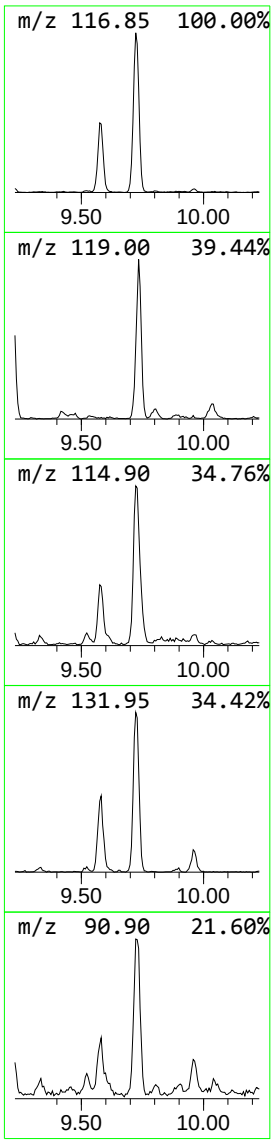
****

Peak Number 3 2,4-Dimethylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.728	7.16 ng	276387	Naphthalene-d8	10.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76





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Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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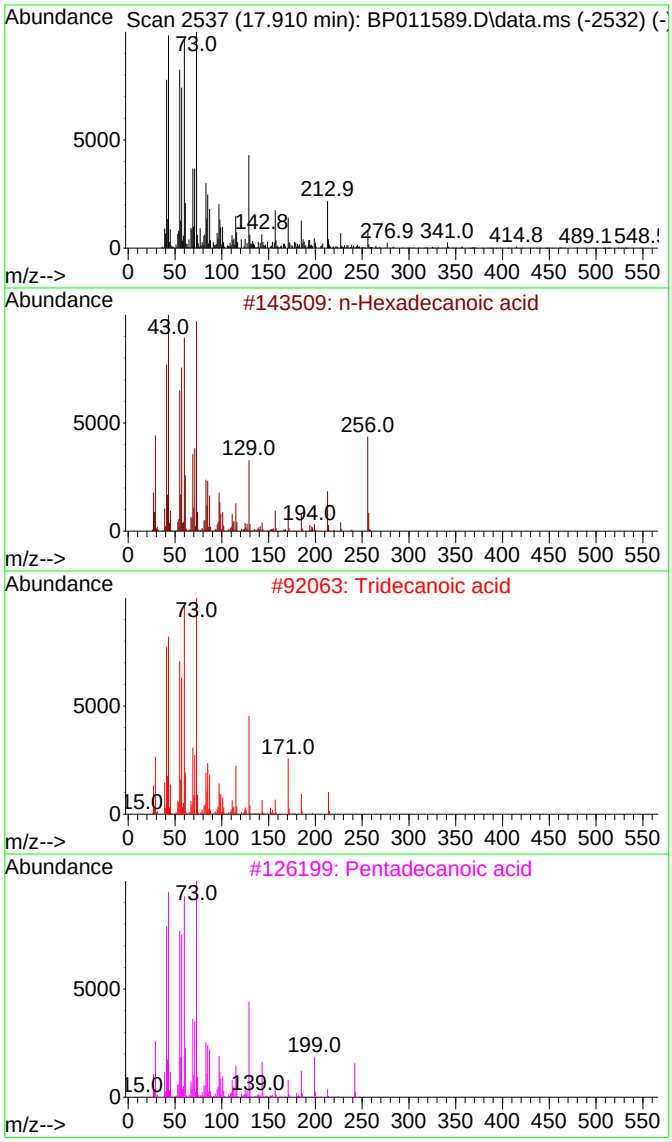
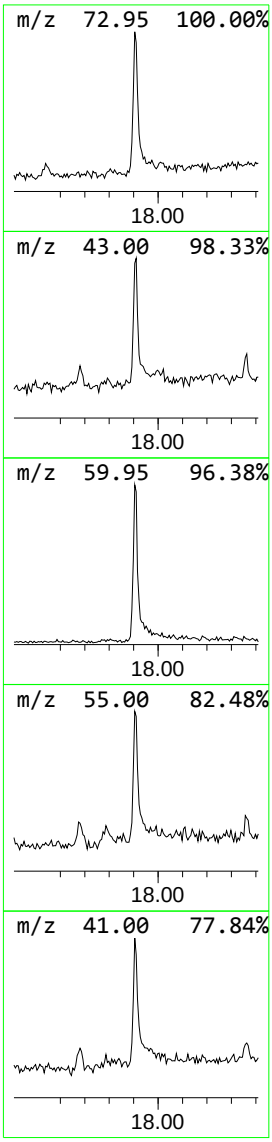
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	2.59 ng	178108	Phenanthrene-d10	16.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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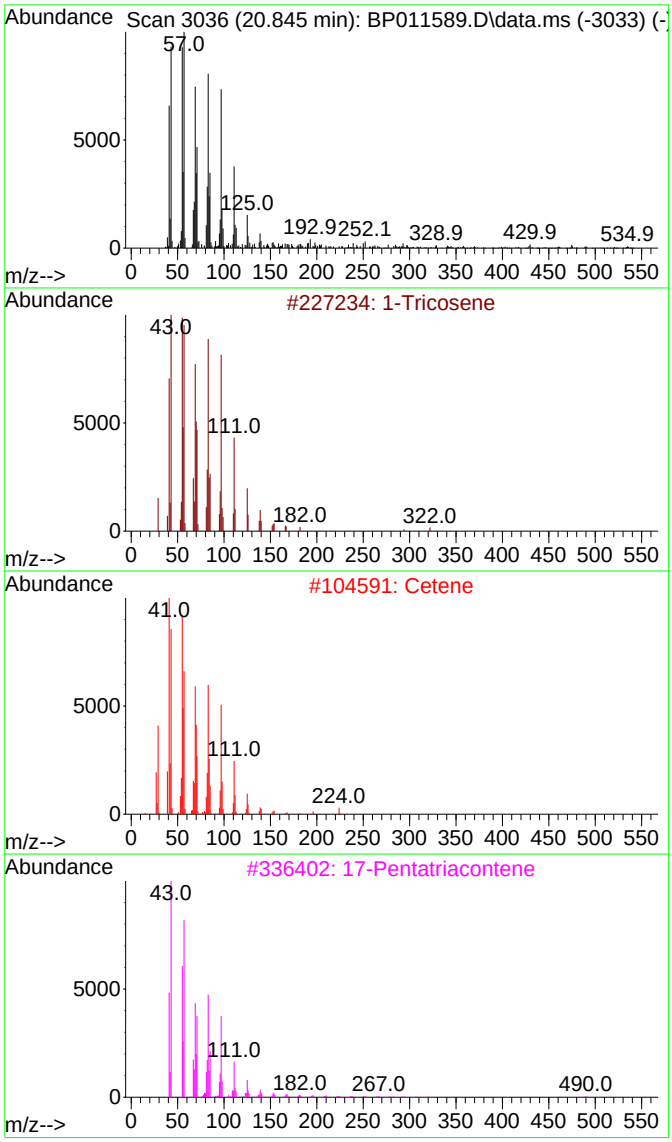
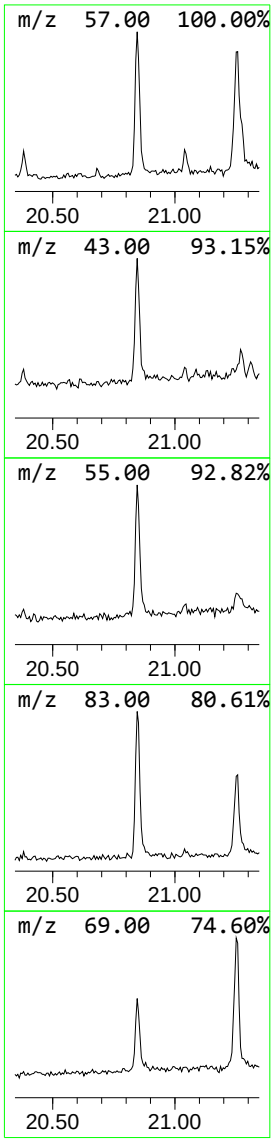
****

Peak Number 5 1-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.845	2.93 ng	255238	Chrysene-d12	21.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	Cetene	224	C16H32	000629-73-2	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	93
4	Heptacos-1-ene	378	C27H54	015306-27-1	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





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ALS Vial : 18 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.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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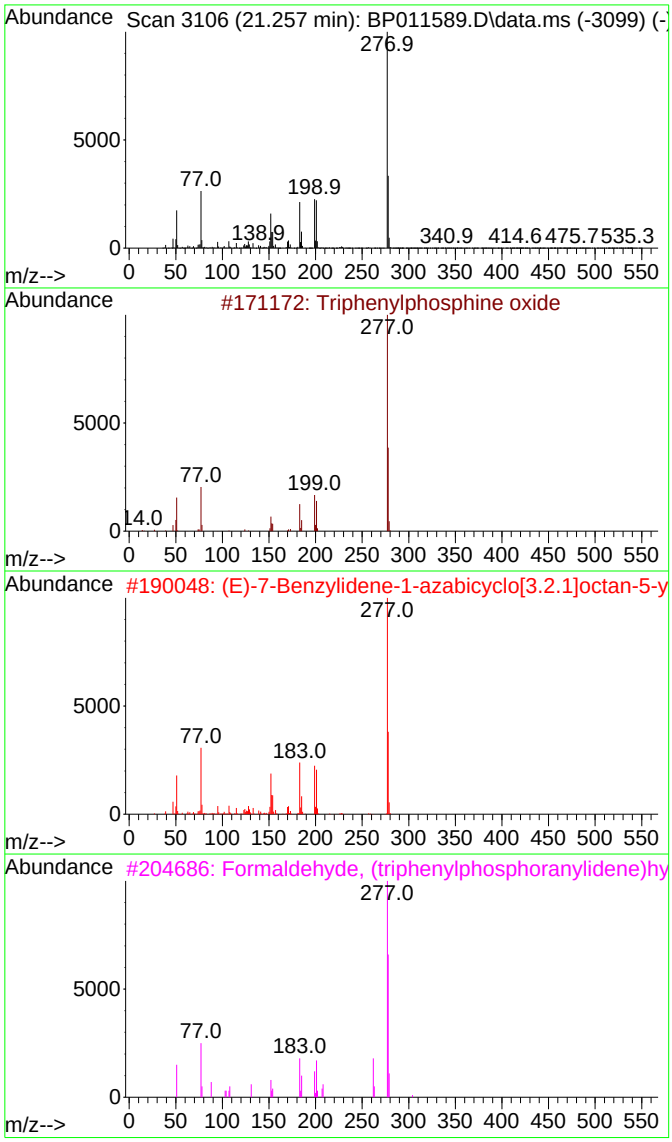
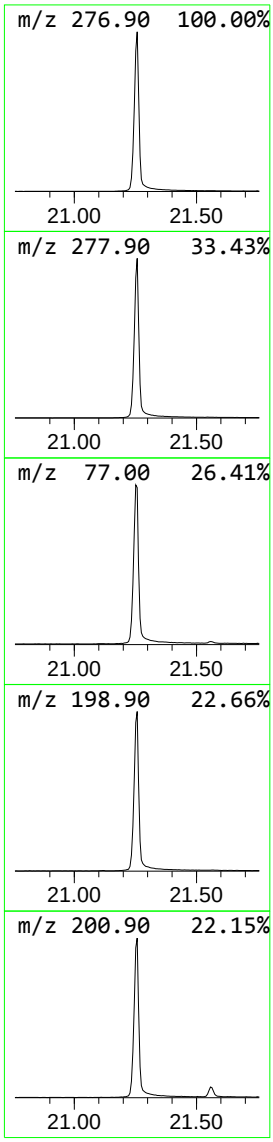
Peak Number 6 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.257	171.41 ng	14924700	Chrysene-d12	21.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	98
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	94
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	38
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	25





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.699	8.2	ng	220237	1	7.540	538177	20.0
Benzene, 4-ethy...	8.640	6.4	ng	172973	1	7.540	538177	20.0
2,4-Dimethylsty...	9.728	7.2	ng	276387	2	10.328	771512	20.0
n-Hexadecanoic ...	17.910	2.6	ng	178108	4	16.987	1375950	20.0
1-Tricosene	20.845	2.9	ng	255238	5	21.110	1741380	20.0
Triphenylphosph...	21.257	171.4	ng	14924700	5	21.110	1741380	20.0