LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009678.D
Acq On : 04 Apr 2022 14:44
Operator : CG/JU
Sample : N2229-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009678.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	392	399	417	rBV	3864997	6503026	16.78%	5.358%
2	6.922	662	669	683	rBV	3648023	6575552	16.96%	5.417%
3	7.722	798	805	812	rBV	784659	1332820	3.44%	1.098%
4	8.881	995	1002	1022	rVB	2409109	4368339	11.27%	3.599%
5	10.516	1273	1280	1288	rBV	1023304	1832935	4.73%	1.510%
6	12.993	1694	1701	1708	rBV	6011492	9462095	24.41%	7.795%
7	14.375	1930	1936	1943	rBV	1570807	2417507	6.24%	1.992%
8	14.957	2030	2035	2044	rVB	239249	438069	1.13%	0.361%
9	15.881	2186	2192	2201	rVB	4816735	7469540	19.27%	6.154%
10	16.181	2239	2243	2254	rVB2	275164	473062	1.22%	0.390%
11	16.545	2299	2305	2321	rVB	1290572	2617857	6.75%	2.157%
12	17.139	2400	2406	2412	rBV	1906783	2984746	7.70%	2.459%
13	18.051	2557	2561	2571	rBV	783510	1259274	3.25%	1.037%
14	18.322	2601	2607	2611	rBV	1965842	3582956	9.24%	2.952%
15	18.369	2611	2615	2628	rVB	4431450	7266118	18.74%	5.986%
16	19.728	2840	2846	2852	rBV	10687956	13922440	35.92%	11.470%
17	20.951	3049	3054	3056	rBV	544184	893388	2.30%	0.736%
18	20.980	3056	3059	3067	rVB	1194090	1591627	4.11%	1.311%
19	21.263	3102	3107	3114	rBV	2517646	3494609	9.02%	2.879%
20	21.392	3121	3129	3152	rVB	25013787	38764274	100.00%	31.936%
21	23.639	3504	3511	3523	rVB2	1898245	4131491	10.66%	3.404%

Sum of corrected areas: 121381725

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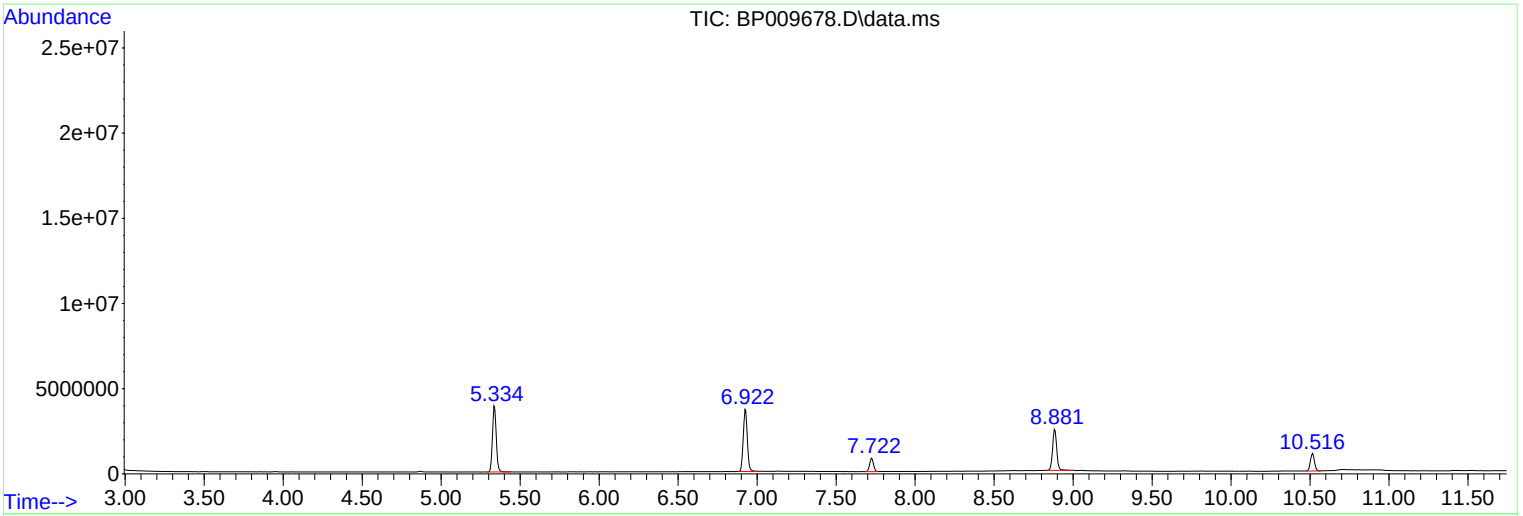
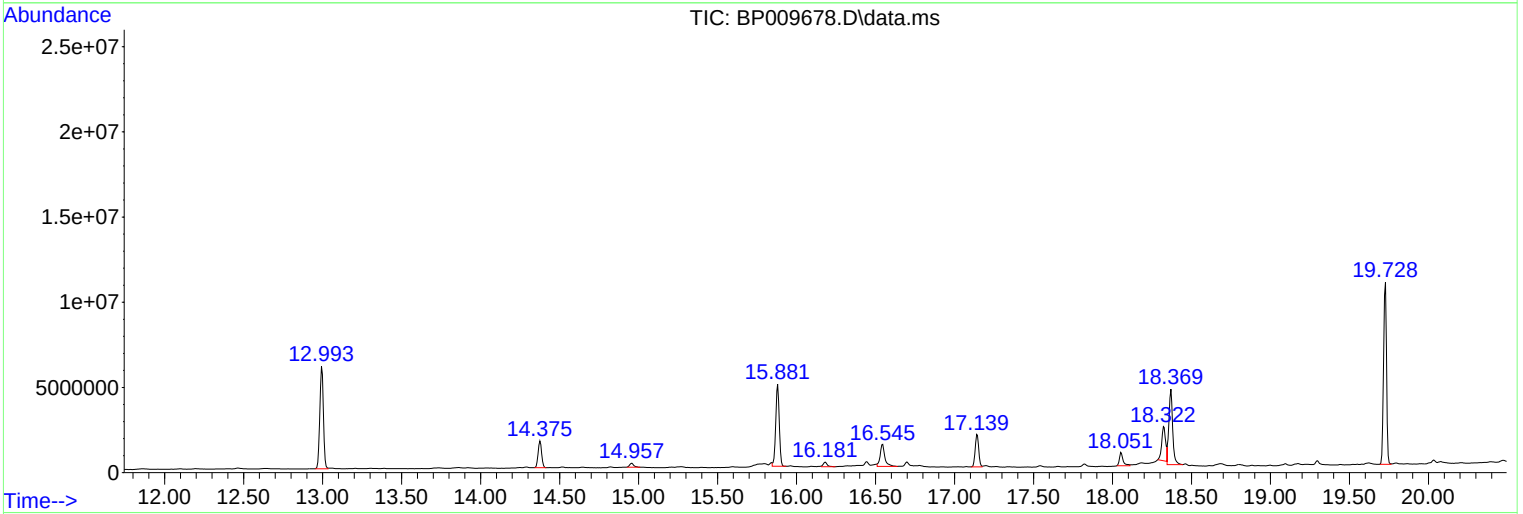
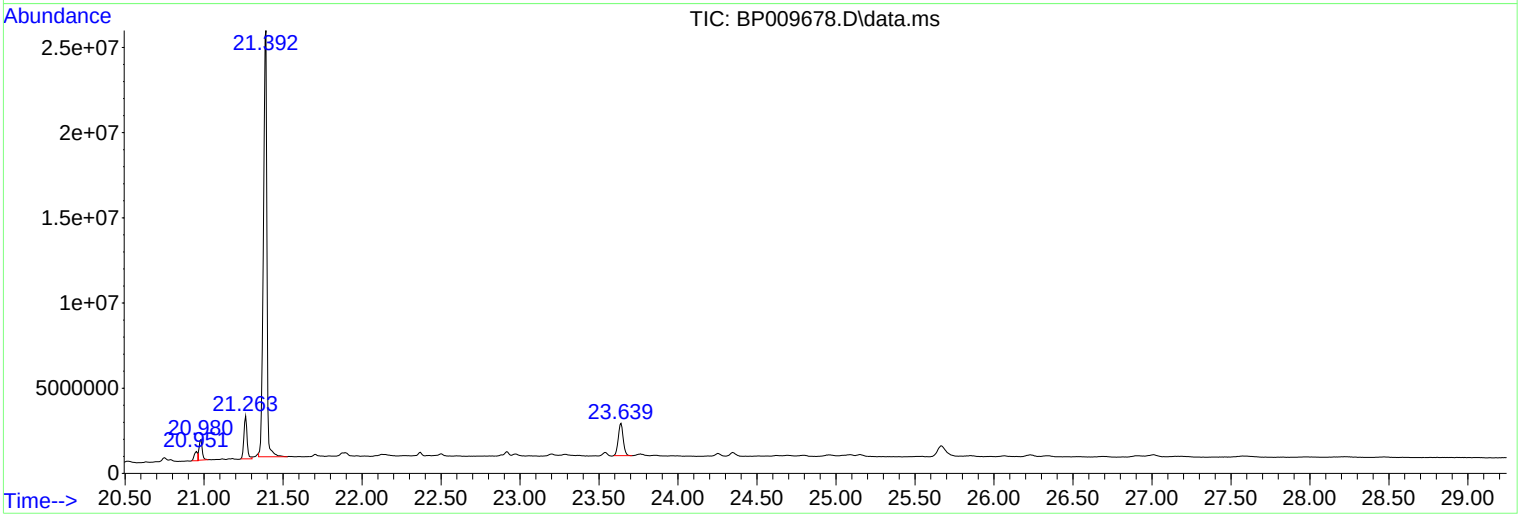
BNA_P
ClientSampleId :
SOIL-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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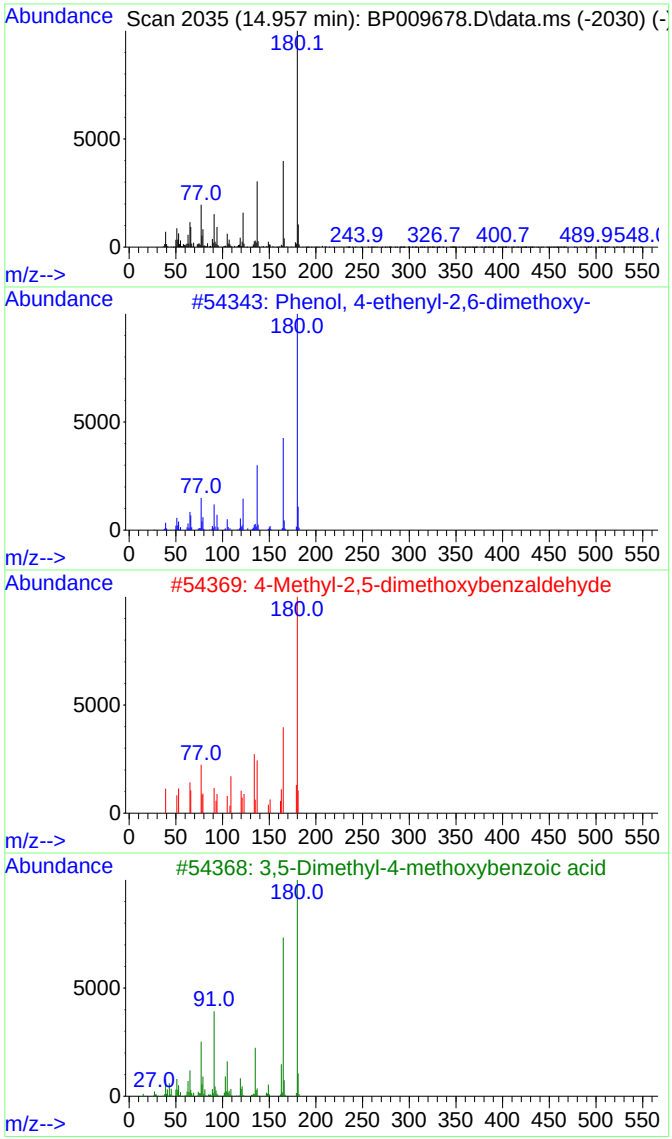
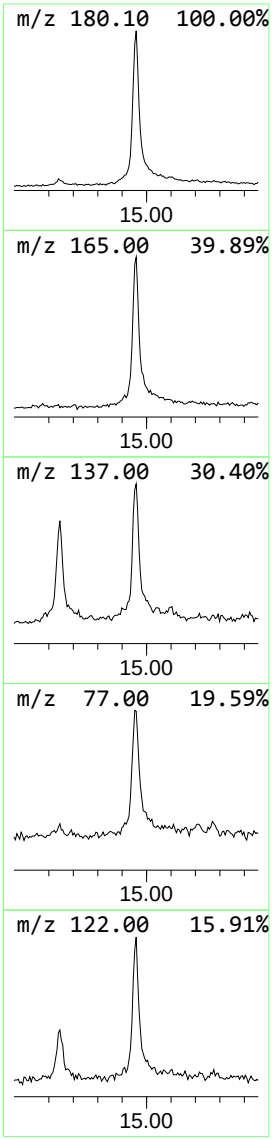
****

Peak Number 1 Phenol, 4-ethenyl-2,6-dimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	3.62 ng	438069	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethenyl-2,6-dimethoxy-	180	C10H12O3	028343-22-8	94
2	4-Methyl-2,5-dimethoxybenzaldehyde	180	C10H12O3	004925-88-6	80
3	3,5-Dimethyl-4-methoxybenzoic acid	180	C10H12O3	021553-46-8	58
4	(E)-Stilbene	180	C14H12	000103-30-0	50
5	2,3,5,6-Tetrafluoroanisole	180	C7H4F4O	002324-98-3	50





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Data File : BP009678.D
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Operator : CG/JU
Sample : N2229-01
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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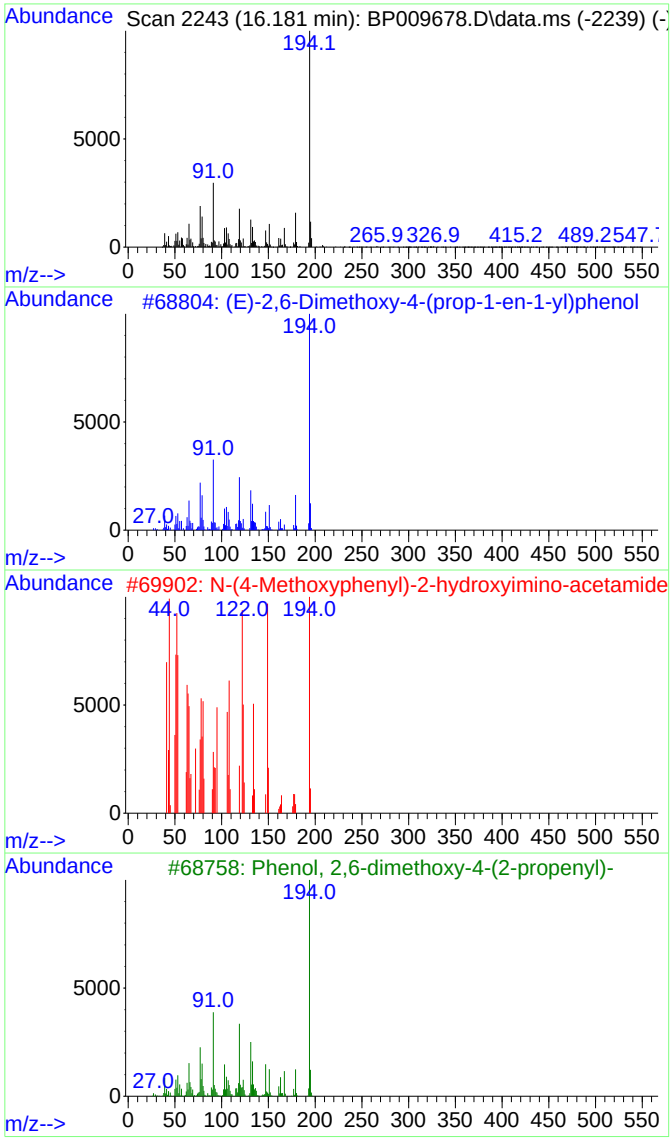
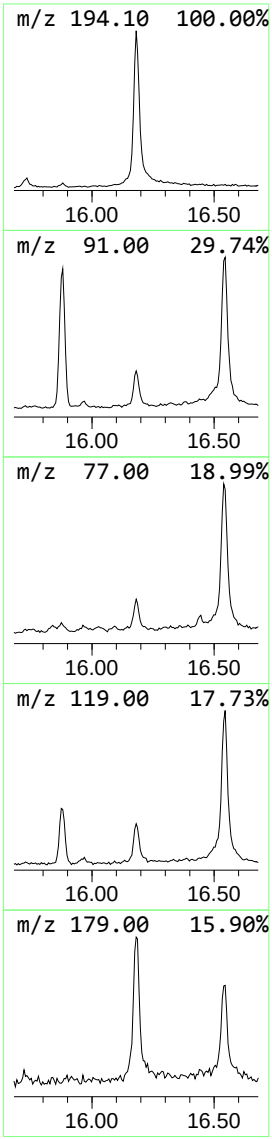
Peak Number 2 (E)-2,6-Dimethoxy-4-(prop-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	3.17 ng	473062	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-2,6-Dimethoxy-4-(prop-1-en-1...	194	C11H14O3	020675-95-0	93
2	N-(4-Methoxyphenyl)-2-hydroxyimi...	194	C9H10N2O3	1000143-61-3	90
3	Phenol, 2,6-dimethoxy-4-(2-prope...	194	C11H14O3	006627-88-9	90
4	2,5-Dimethoxyterephthalic acid	194	C10H10O4	007310-97-6	72
5	2-Propenoic acid, 3-(4-hydroxy-3...	194	C10H10O4	001135-24-6	59





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Operator : CG/JU
Sample : N2229-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

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TIC Library : C:\Database\NIST20.L
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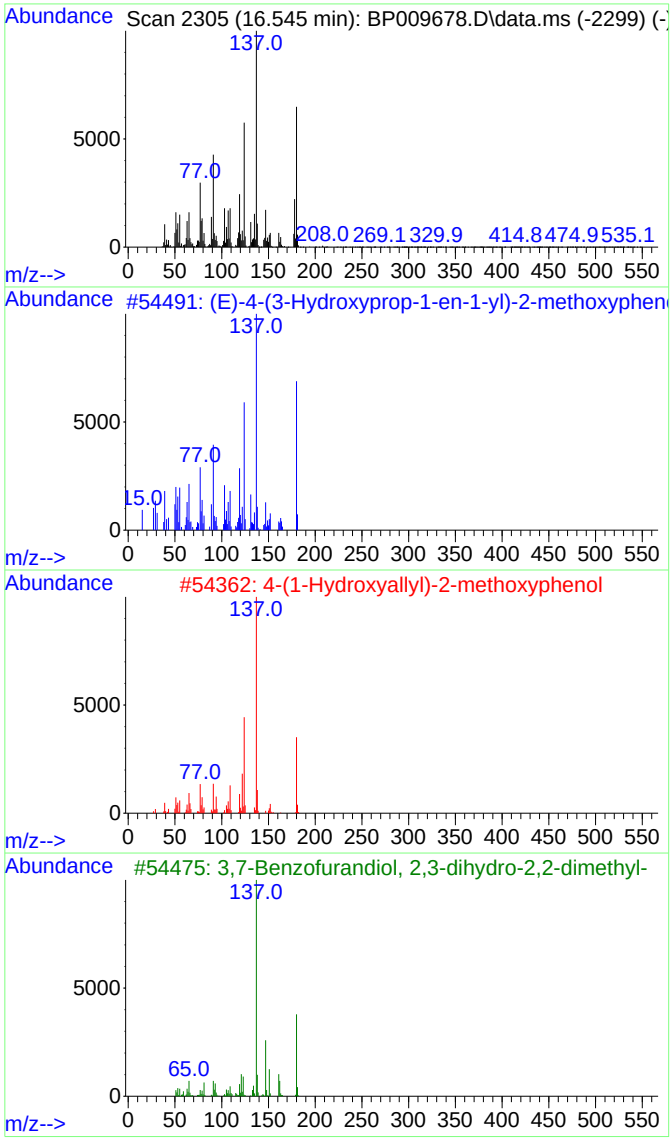
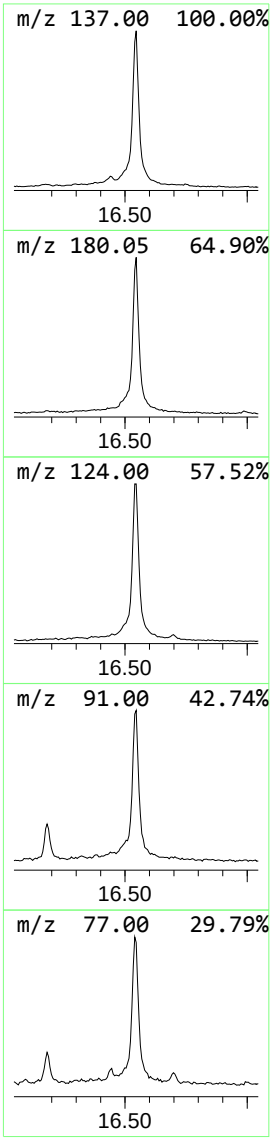
Peak Number 3 (E)-4-(3-Hydroxyprop-1-en-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	17.54 ng	2617860	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-4-(3-Hydroxyprop-1-en-1-yl)-...	180	C10H12O3	032811-40-8	98
2	4-(1-Hydroxyallyl)-2-methoxyphenol	180	C10H12O3	112465-50-6	68
3	3,7-Benzofurandiol, 2,3-dihydro-...	180	C10H12O3	017781-15-6	53
4	Guaiacol, 4-butyl-	180	C11H16O2	059832-96-1	43
5	6-Methylnicotinic acid	137	C7H7NO2	003222-47-7	38





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Acq On : 04 Apr 2022 14:44
Operator : CG/JU
Sample : N2229-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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TIC Library : C:\Database\NIST20.L
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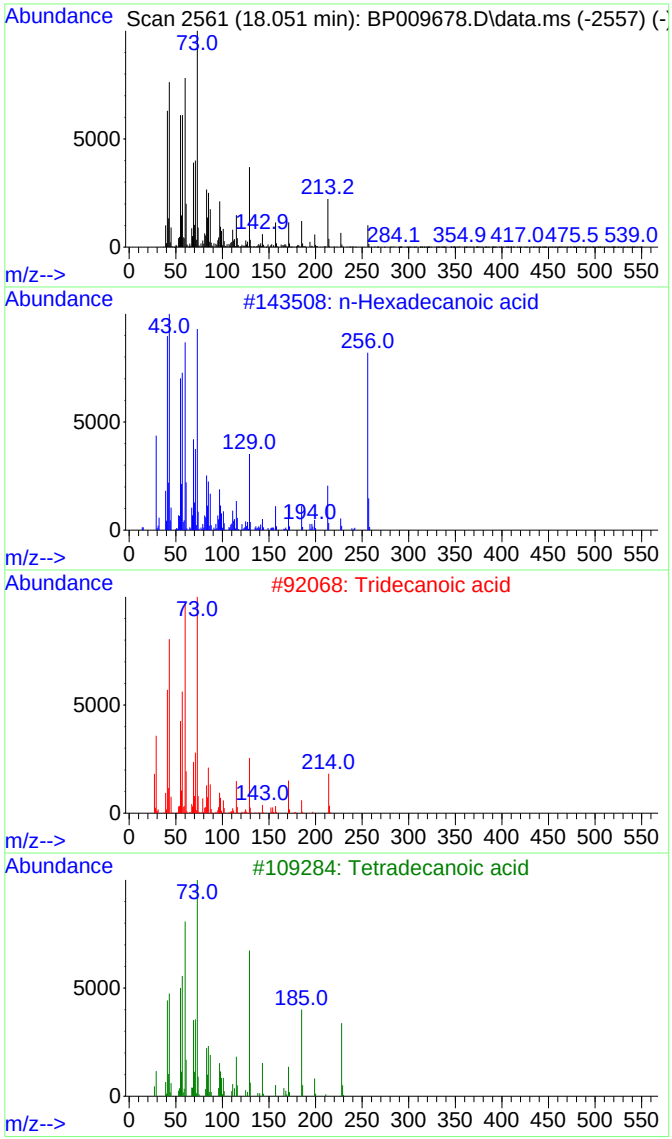
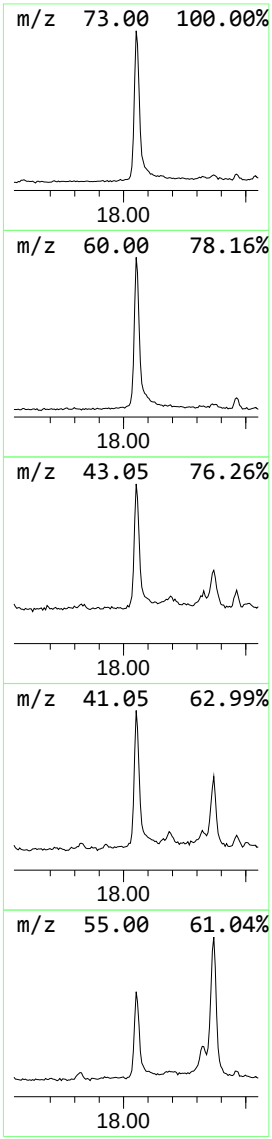
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	8.44 ng	1259270	Phenanthrene-d10	17.139

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Sample : N2229-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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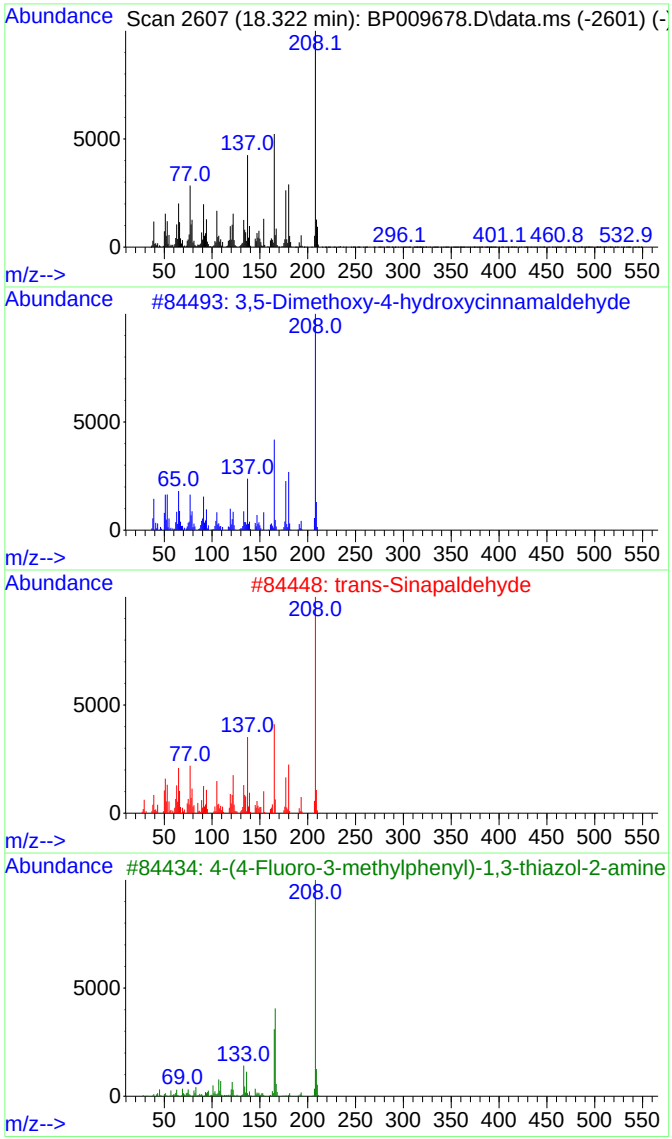
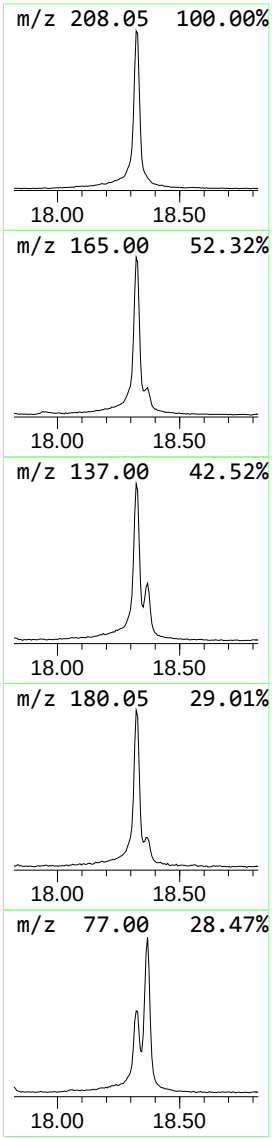
****

Peak Number 5 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	24.01 ng	3582960	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethoxy-4-hydroxycinnamald...	208	C11H12O4	087345-53-7	96
2	trans-Sinapaldehyde	208	C11H12O4	004206-58-0	94
3	4-(4-Fluoro-3-methylphenyl)-1,3-...	208	C10H9FN2S	003830-48-6	45
4	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	42
5	5-(4-Methoxy-phenyl)-[1,3,4]oxad...	208	C9H8N2O2S	023766-26-9	42





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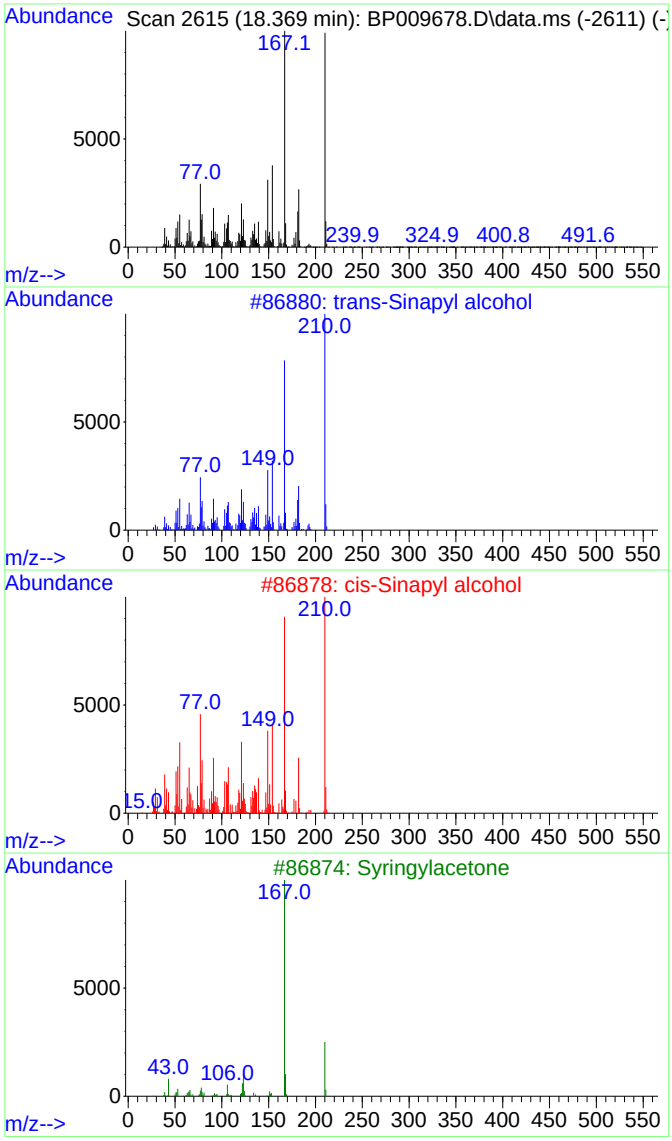
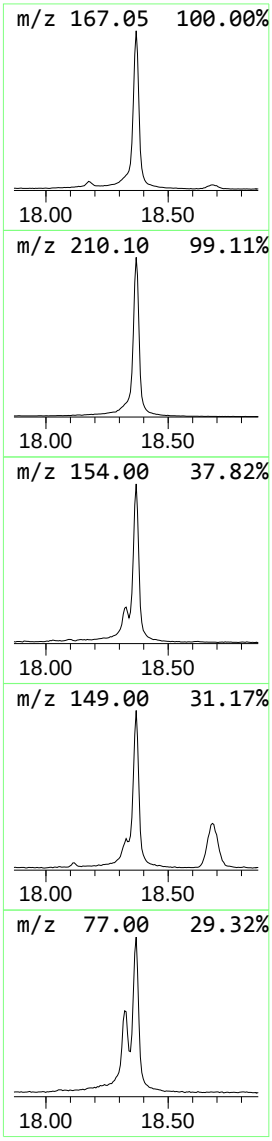
****

Peak Number 6 trans-Sinapyl alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	48.69 ng	7266120	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Sinapyl alcohol	210	C11H14O4	020675-96-1	95
2	cis-Sinapyl alcohol	210	C11H14O4	104330-63-4	90
3	Syringylacetone	210	C11H14O4	019037-58-2	64
4	4-Ethyl-2,6-dimethoxyphenol	182	C10H14O3	014059-92-8	60
5	2-Pentanone, 1-(2,4,6-trihydroxy...	210	C11H14O4	1000116-22-3	50





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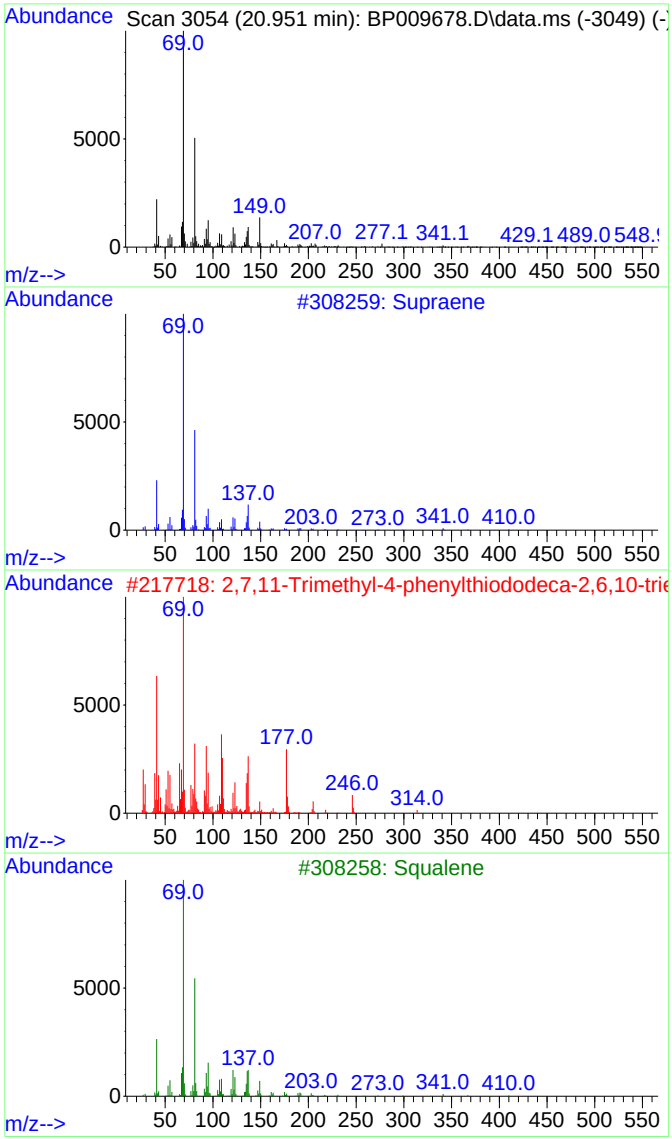
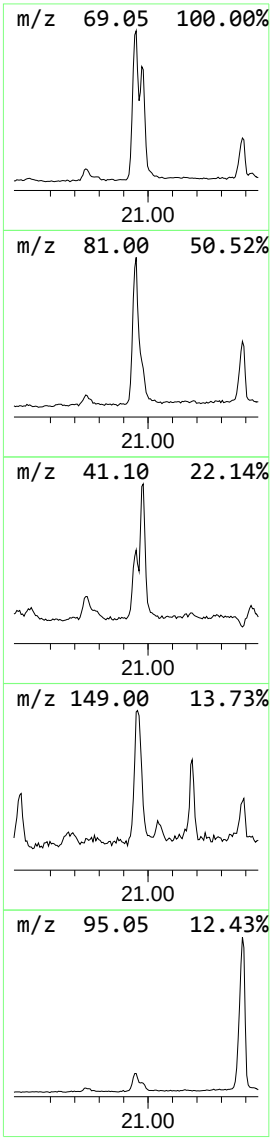
****

Peak Number 7 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	5.11 ng	893388	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	2,7,11-Trimethyl-4-phenylthiodod...	314	C21H30S	1010190-11-3	72
3	Squalene	410	C30H50	000111-02-4	70
4	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	58
5	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	035665-90-8	46





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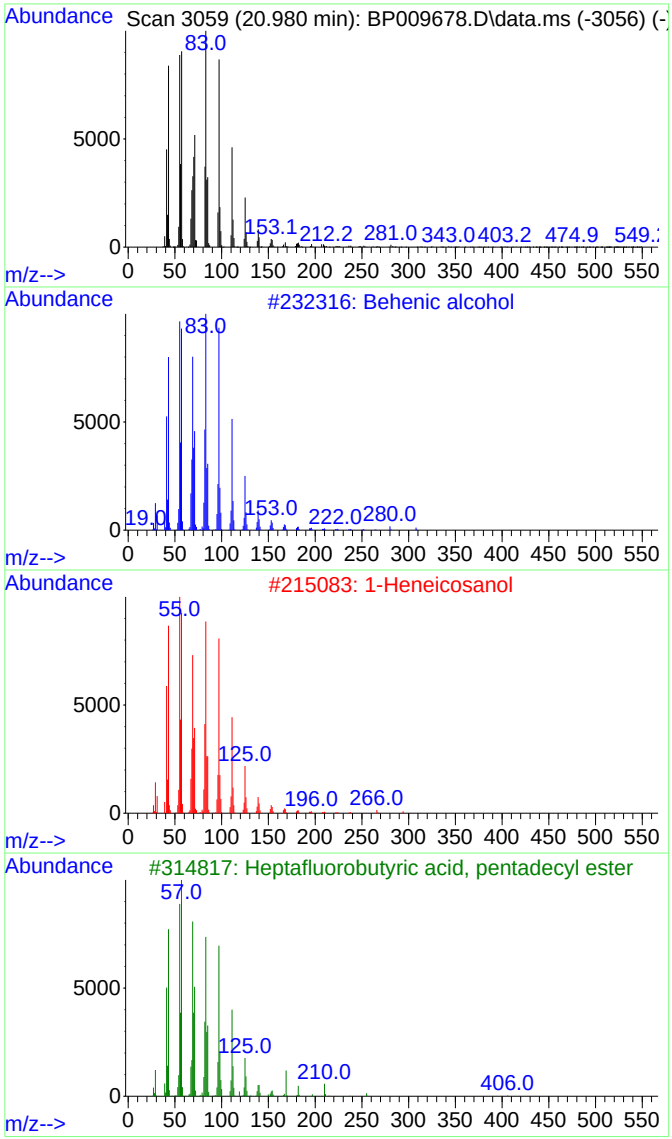
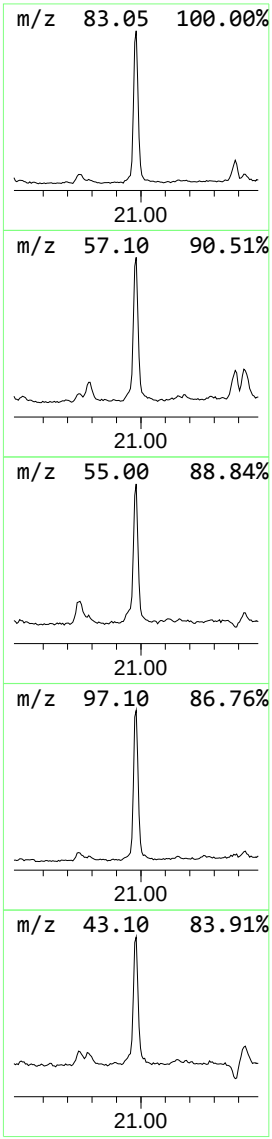
Peak Number 8 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	9.11 ng	1591630	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





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BNA_P
ClientSampleId :
SOIL-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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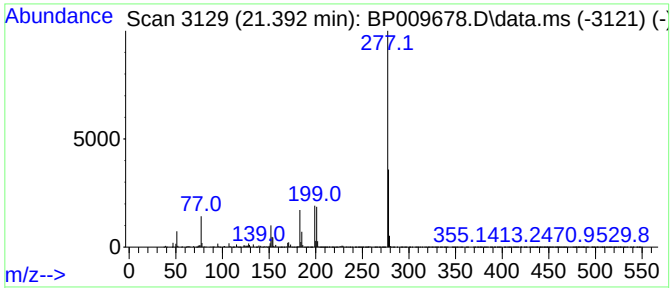
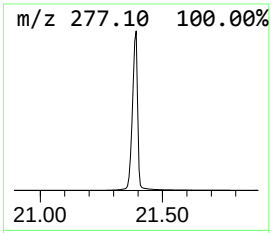
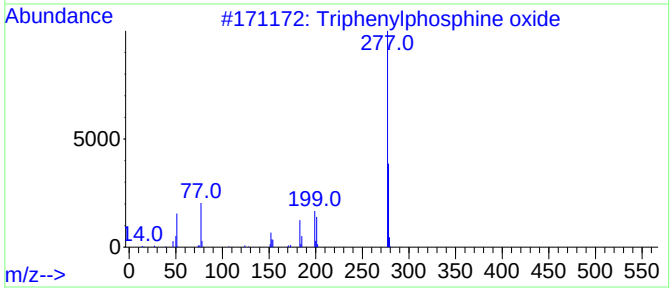
Peak Number 9 Triphenylphosphine oxide Concentration Rank 1

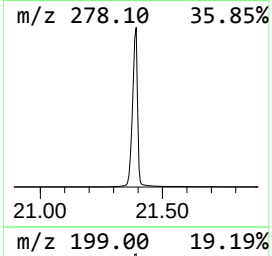
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.392	221.85 ng	38764300	Chrysene-d12	21.263

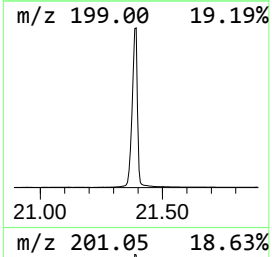
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	38
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	37
5	Butylaldehyde, 4-benzyloxy-4-[2,...	278	C16H22O4	149180-87-0	9

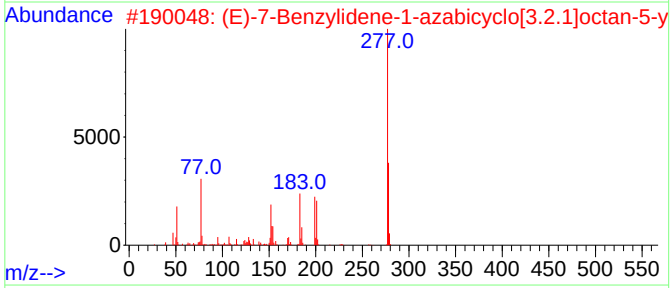


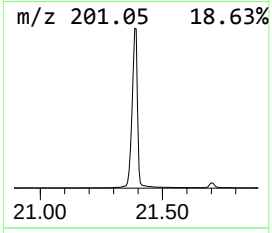


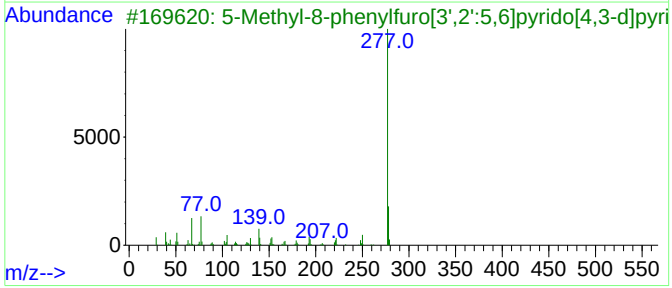


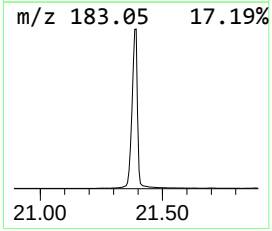












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009678.D
Acq On : 04 Apr 2022 14:44
Operator : CG/JU
Sample : N2229-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 4-ethen...	14.957	3.6	ng	438069	3	14.375	2417510	20.0
(E)-2,6-Dimetho...	16.181	3.2	ng	473062	4	17.139	2984750	20.0
(E)-4-(3-Hydrox...	16.545	17.5	ng	2617860	4	17.139	2984750	20.0
n-Hexadecanoic ...	18.051	8.4	ng	1259270	4	17.139	2984750	20.0
3,5-Dimethoxy-4...	18.322	24.0	ng	3582960	4	17.139	2984750	20.0
trans-Sinapyl a...	18.369	48.7	ng	7266120	4	17.139	2984750	20.0
Supraene	20.951	5.1	ng	893388	5	21.263	3494610	20.0
Behenic alcohol	20.980	9.1	ng	1591630	5	21.263	3494610	20.0
Triphenylphosph...	21.392	221.8	ng	38764300	5	21.263	3494610	20.0