LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130505.D
Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-0930

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130505.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.146	345	350	361	rBV	235738	301751	10.70%	1.049%
2	4.834	459	467	470	rBV	1858884	2820526	100.00%	9.809%
3	5.245	533	537	546	rBV	2986859	2700316	95.74%	9.391%
4	5.310	546	548	556	rVB	37469	42161	1.49%	0.147%
5	5.645	601	605	613	rBV	248203	220933	7.83%	0.768%
6	6.281	708	713	729	rBV	2882738	2790272	98.93%	9.704%
7	6.634	770	773	777	rBV	792363	675213	23.94%	2.348%
8	6.816	800	804	808	rVB	76314	68629	2.43%	0.239%
9	7.204	865	870	873	rBV	2088934	1734450	61.49%	6.032%
10	7.657	943	947	952	rVB4	21150	31536	1.12%	0.110%
11	7.916	987	991	993	rBV	1040435	1038641	36.82%	3.612%
12	7.939	993	995	1001	rVV	1376325	1065793	37.79%	3.707%
13	7.992	1001	1004	1011	rVB	131605	140611	4.99%	0.489%
14	8.628	1108	1112	1119	rBV	580574	542495	19.23%	1.887%
15	8.728	1125	1129	1133	rVB	360240	297658	10.55%	1.035%
16	8.998	1170	1175	1178	rBV	2511726	2307898	81.83%	8.027%
17	9.092	1184	1191	1198	rVB	152660	141476	5.02%	0.492%
18	9.186	1202	1207	1213	rVB	50731	52699	1.87%	0.183%
19	9.257	1214	1219	1227	rVB	82940	117033	4.15%	0.407%
20	9.328	1227	1231	1234	rBV	118911	122801	4.35%	0.427%
21	9.357	1234	1236	1240	rVV	67967	59301	2.10%	0.206%
22	9.445	1244	1251	1256	rVB2	48080	59105	2.10%	0.206%
23	9.669	1282	1289	1291	rBV	1032149	891083	31.59%	3.099%
24	9.698	1291	1294	1299	rVB	685822	565155	20.04%	1.966%
25	9.822	1311	1315	1320	rBV2	31050	35421	1.26%	0.123%
26	9.869	1320	1323	1328	rVV	503841	490861	17.40%	1.707%
27	9.910	1328	1330	1338	rVB	30101	29304	1.04%	0.102%
28	10.216	1378	1382	1387	rBV	681891	634285	22.49%	2.206%
29	10.298	1394	1396	1399	rVB	79445	58878	2.09%	0.205%
30	10.369	1406	1408	1414	rVB	117962	97060	3.44%	0.338%
31	10.457	1419	1423	1428	rVV	1672563	1525867	54.10%	5.307%
32	10.498	1428	1430	1435	rVB2	34843	34637	1.23%	0.120%
33	10.575	1440	1443	1451	rVB6	16009	30711	1.09%	0.107%
34	10.757	1468	1474	1477	rBV2	69712	90538	3.21%	0.315%
35	10.998	1512	1515	1520	rBV2	31909	42975	1.52%	0.149%
36	11.045	1520	1523	1531	rVB	141878	127194	4.51%	0.442%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130505.D
Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-0930

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.145	1536	1540	1542	rBV	770559	739266	26.21%	2.571%
38	11.175	1542	1545	1548	rVV	1820266	1466573	52.00%	5.101%
39	11.222	1548	1553	1557	rVV	216202	195280	6.92%	0.679%
40	11.263	1557	1560	1565	rVB2	24968	30273	1.07%	0.105%
41	11.386	1576	1581	1589	rBV	61097	69637	2.47%	0.242%
42	11.645	1622	1625	1628	rBV	96340	87447	3.10%	0.304%
43	11.675	1628	1630	1635	rVB	123205	116277	4.12%	0.404%
44	11.722	1635	1638	1641	rVB2	44699	35528	1.26%	0.124%
45	11.757	1641	1644	1647	rBV	192284	188500	6.68%	0.656%
46	11.945	1673	1676	1679	rVB	59177	48994	1.74%	0.170%
47	12.357	1742	1746	1751	rBV	663938	567196	20.11%	1.973%
48	12.580	1778	1784	1787	rBV	399788	426515	15.12%	1.483%
49	12.733	1806	1810	1813	rBV	1664905	1411124	50.03%	4.908%
50	12.910	1838	1840	1845	rVB	56553	49891	1.77%	0.174%
51	12.974	1848	1851	1854	rBV	57044	54248	1.92%	0.189%
52	13.774	1979	1987	1990	rBV2	439755	519406	18.42%	1.806%
53	13.804	1990	1992	2000	rVV	75457	93133	3.30%	0.324%
54	13.880	2000	2005	2011	rVB	49075	59686	2.12%	0.208%
55	14.780	2155	2158	2167	rBV2	29656	62100	2.20%	0.216%
56	15.110	2210	2214	2219	rBV2	20074	32947	1.17%	0.115%
57	15.168	2219	2224	2239	rVB	388972	513761	18.22%	1.787%

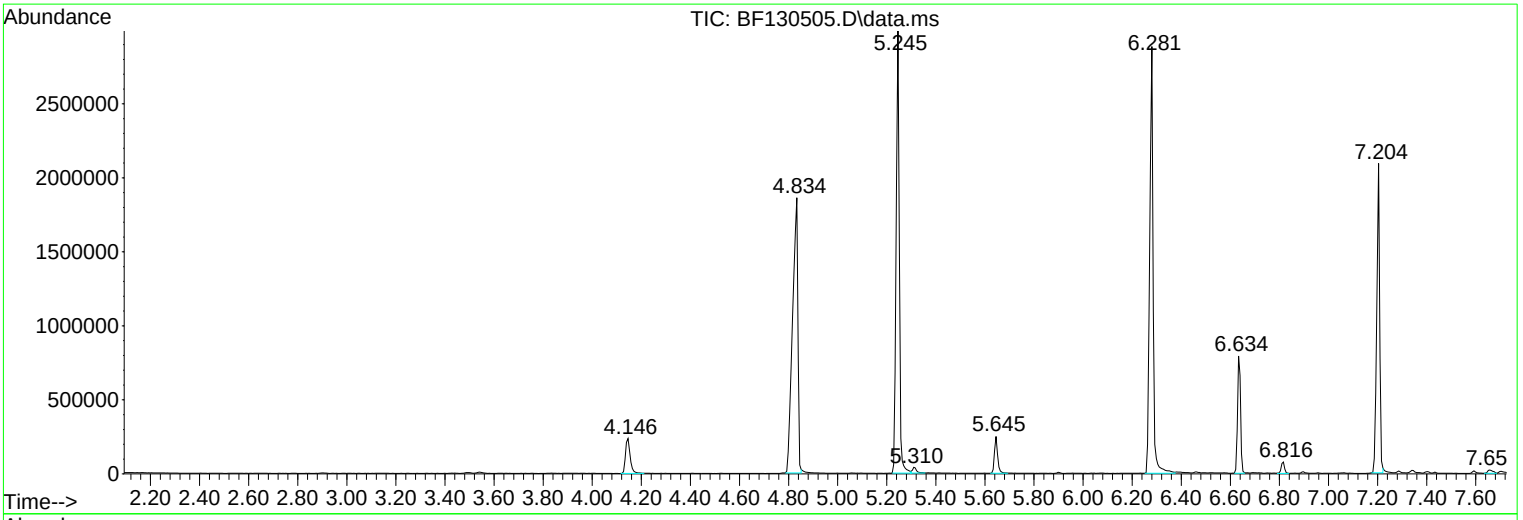
Sum of corrected areas: 28753049

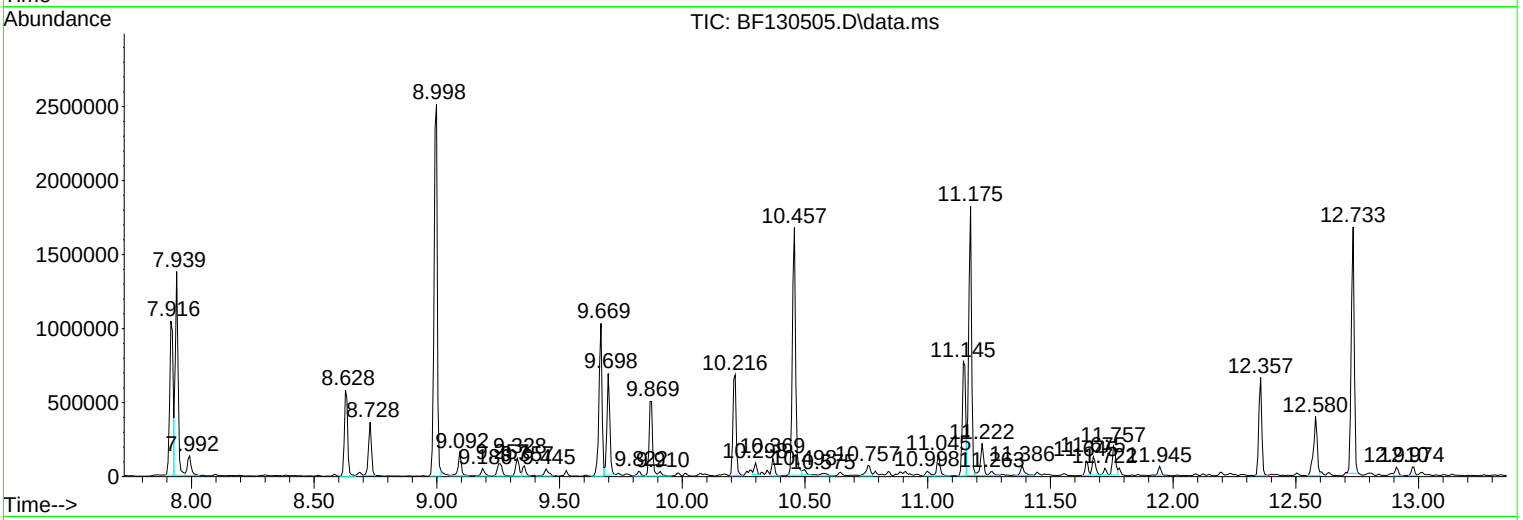
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130505.D
Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

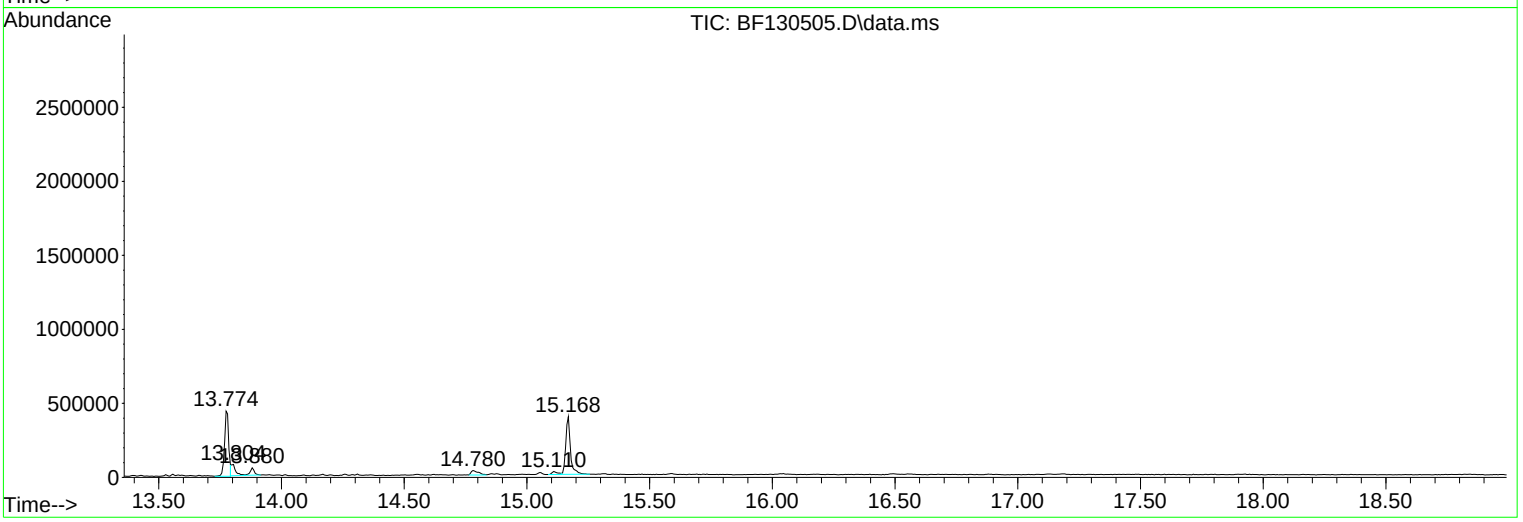
Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

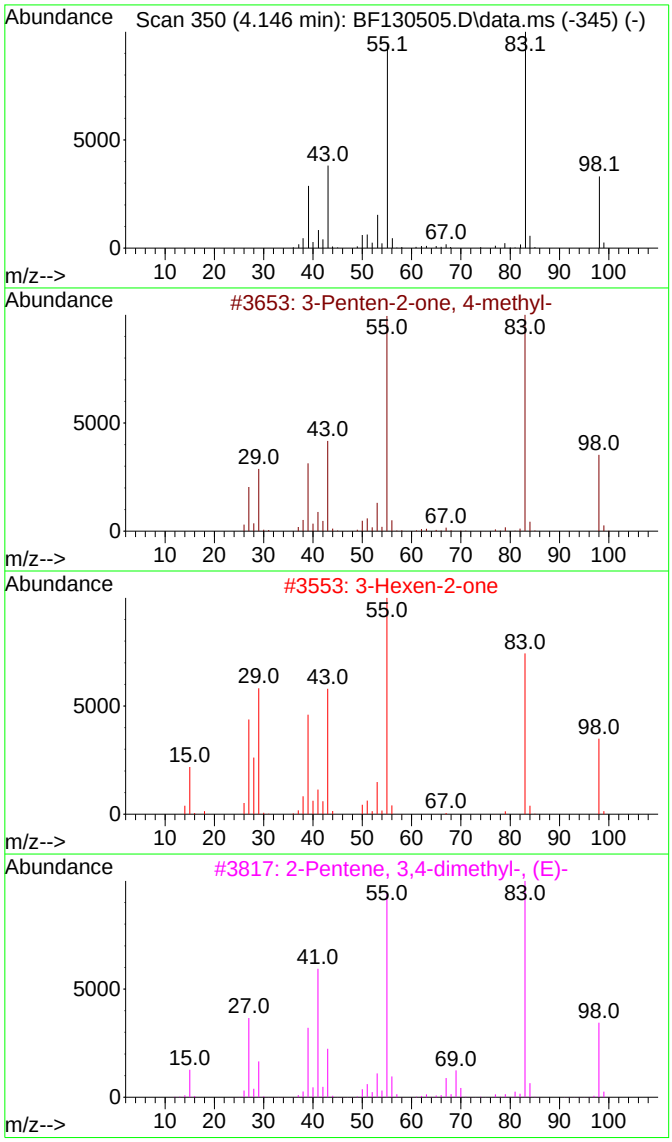
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

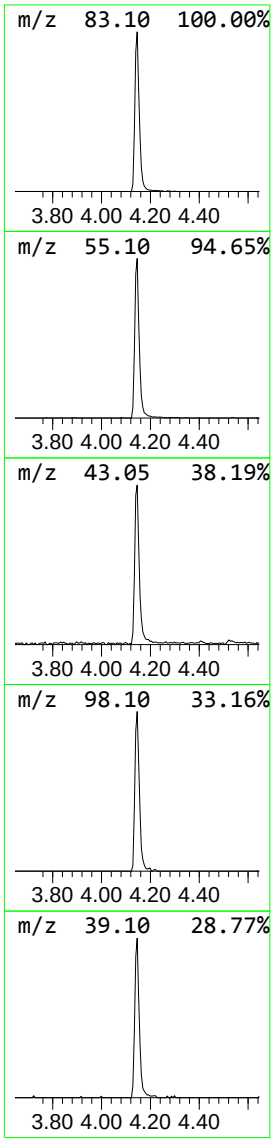
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.146	8.94 ng	301751	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130505.D
Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

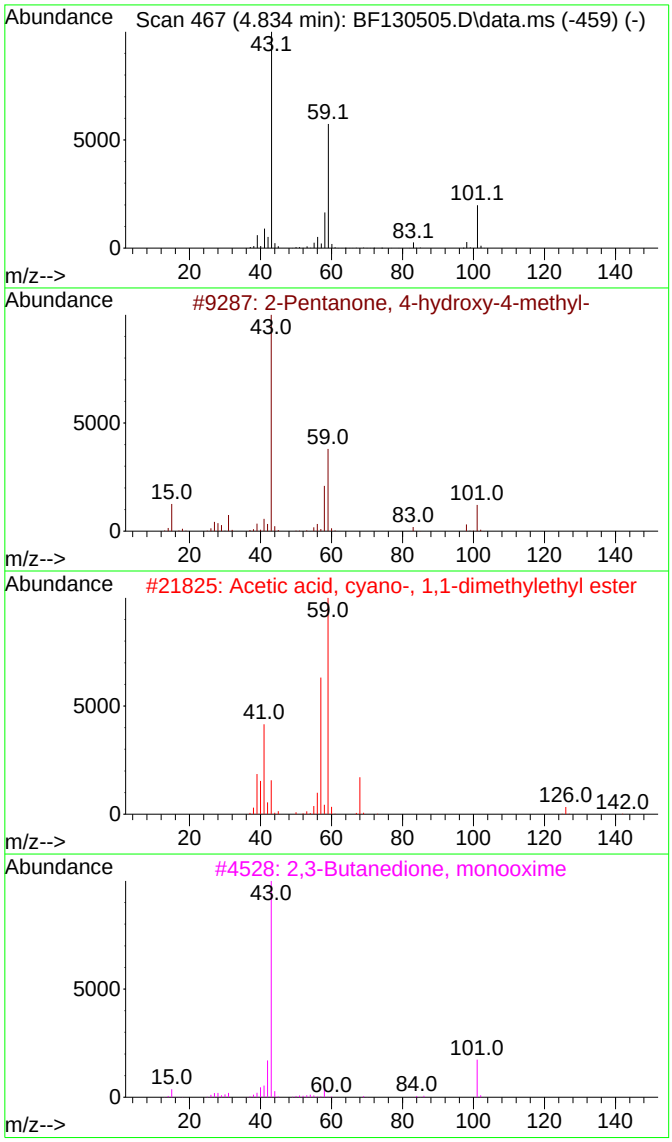
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

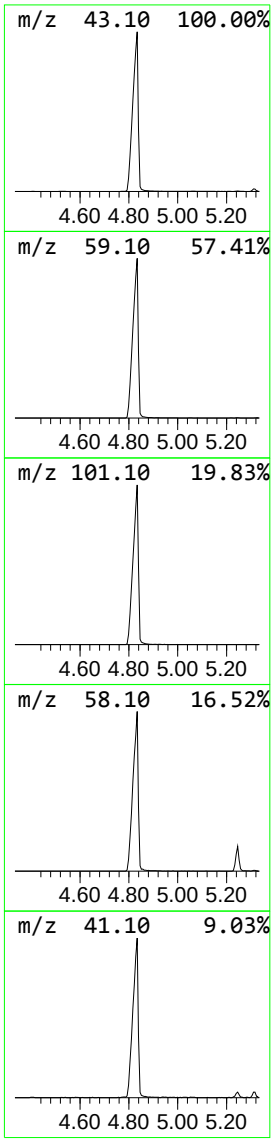
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.834	83.54 ng	2820530	1,4-Dichlorobenzene-d4	6.634

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	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetone	58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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Acq On : 03 Oct 2022 18:30
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Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

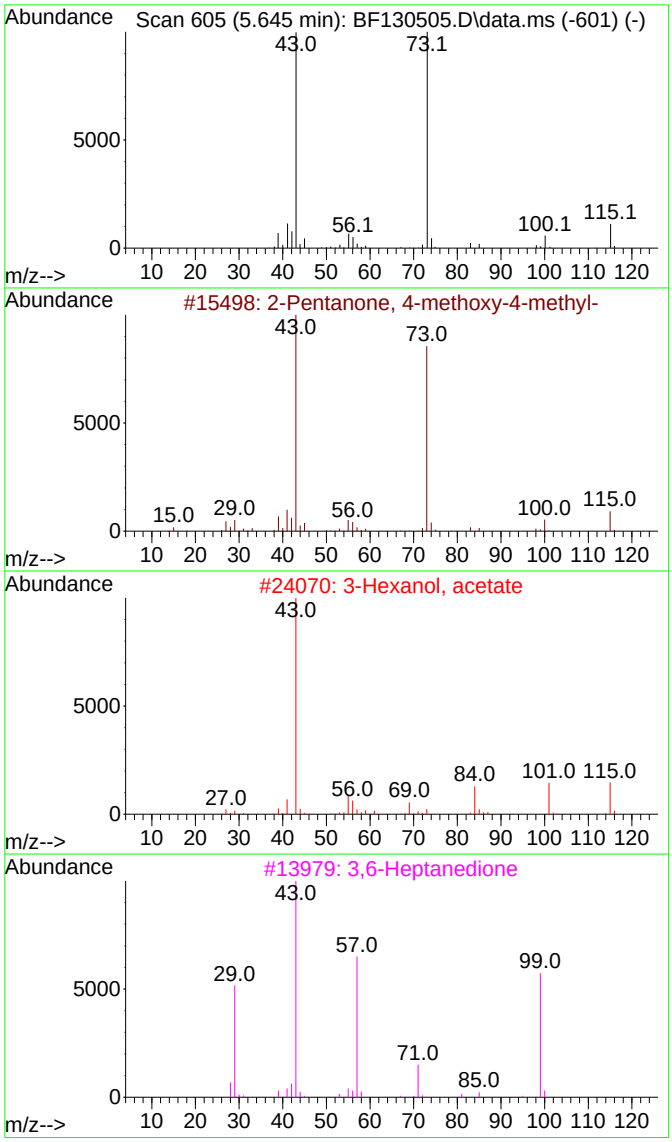
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

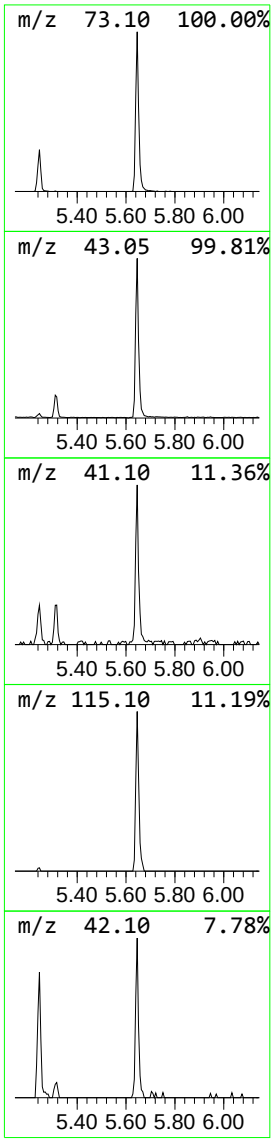
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.645	6.54 ng	220933	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	3-Hexanol, acetate	144	C8H16O2	040780-64-1	17
3	3,6-Heptanedione	128	C7H12O2	001703-51-1	12
4	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9
5	N-Formylmorpholine	115	C5H9NO2	004394-85-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

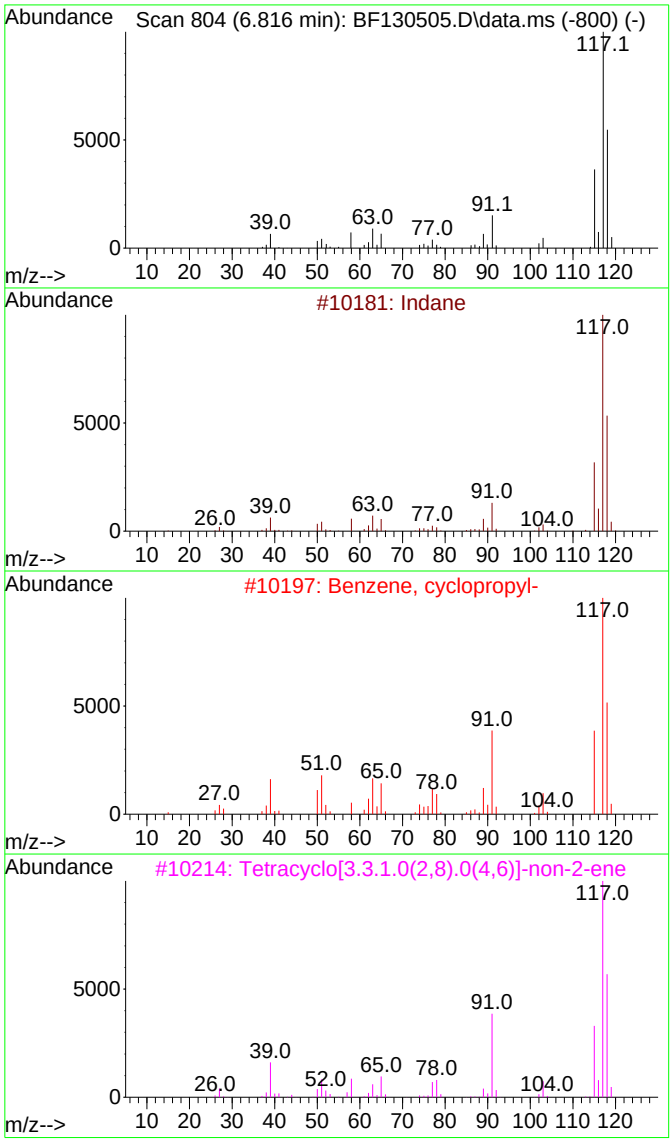
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

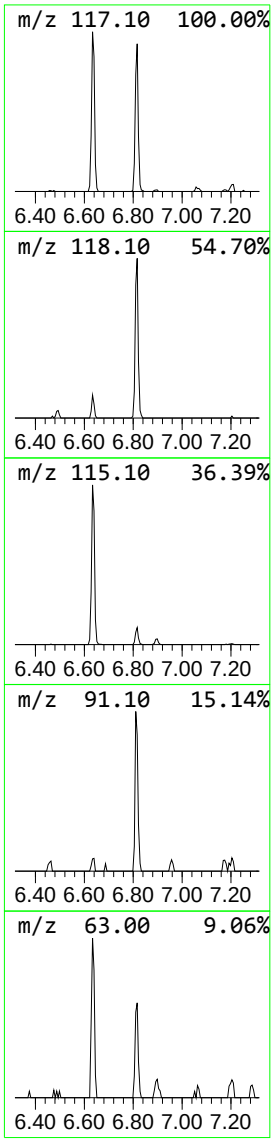
****

Peak Number 4 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.816	2.03 ng	68629	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130505.D
Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

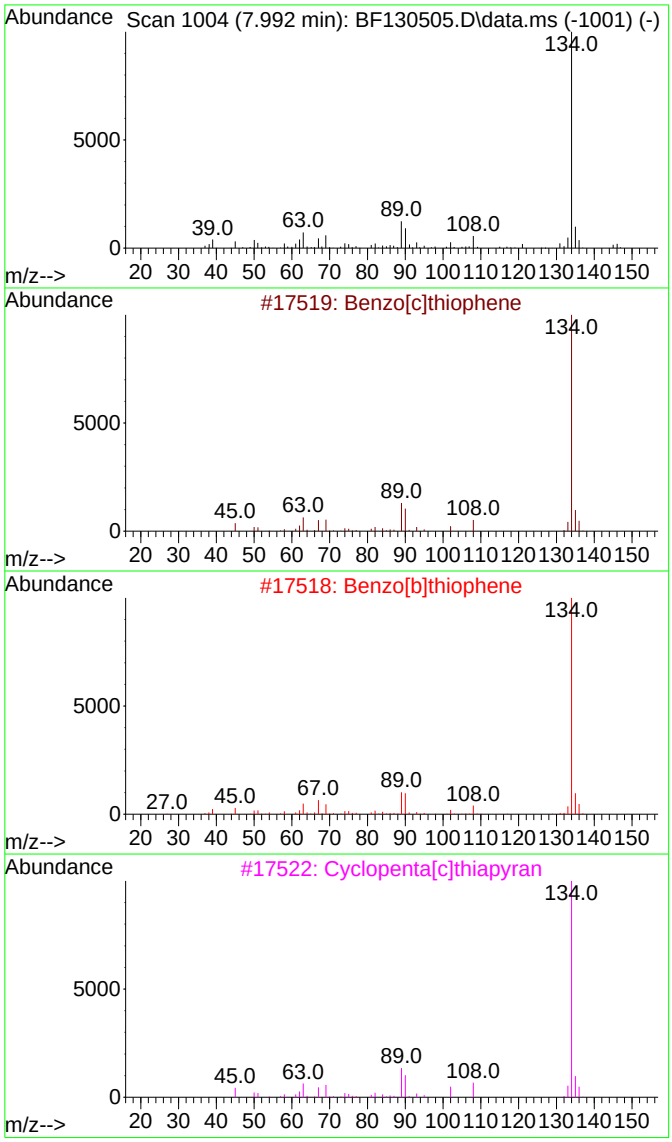
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

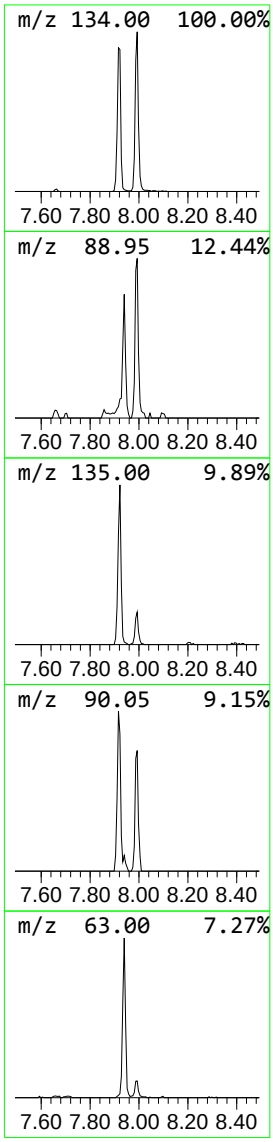
****

Peak Number 5 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.992	2.71 ng	140611	Naphthalene-d8	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	64
5	3-Deazaadenine	134	C6H6N4	006811-77-4	59





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

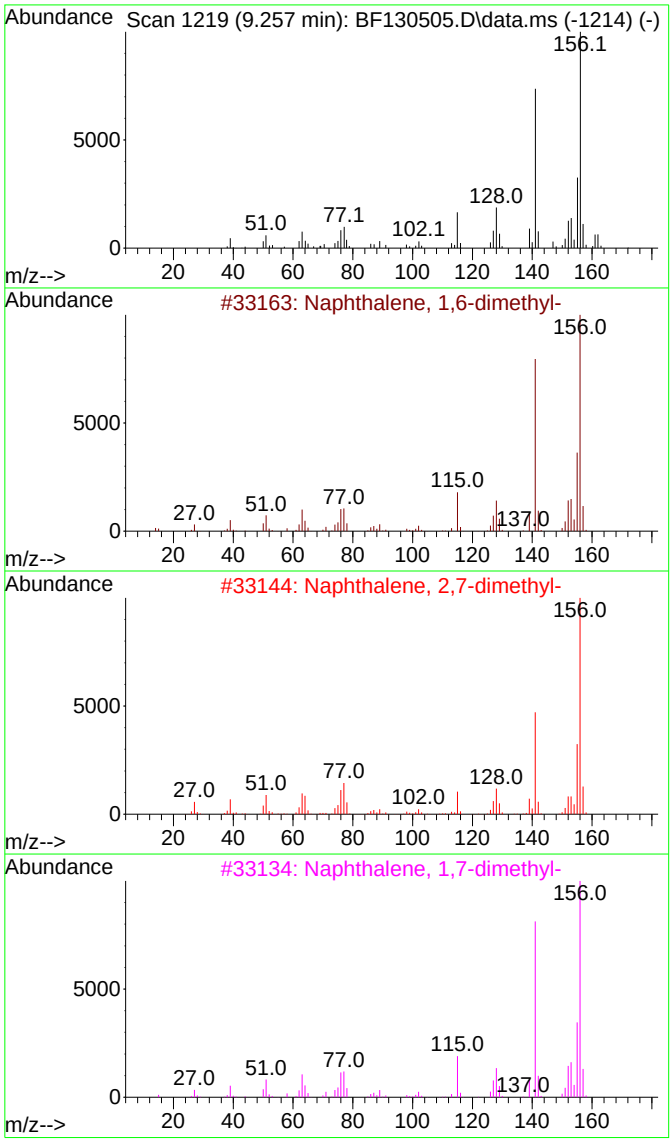
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

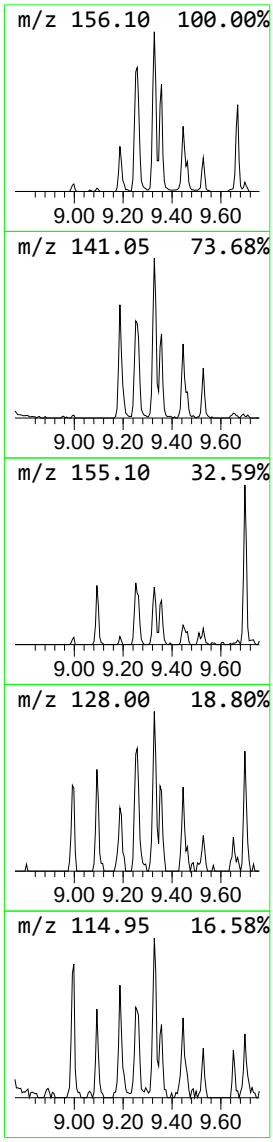
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	2.63 ng	117033	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130505.D
Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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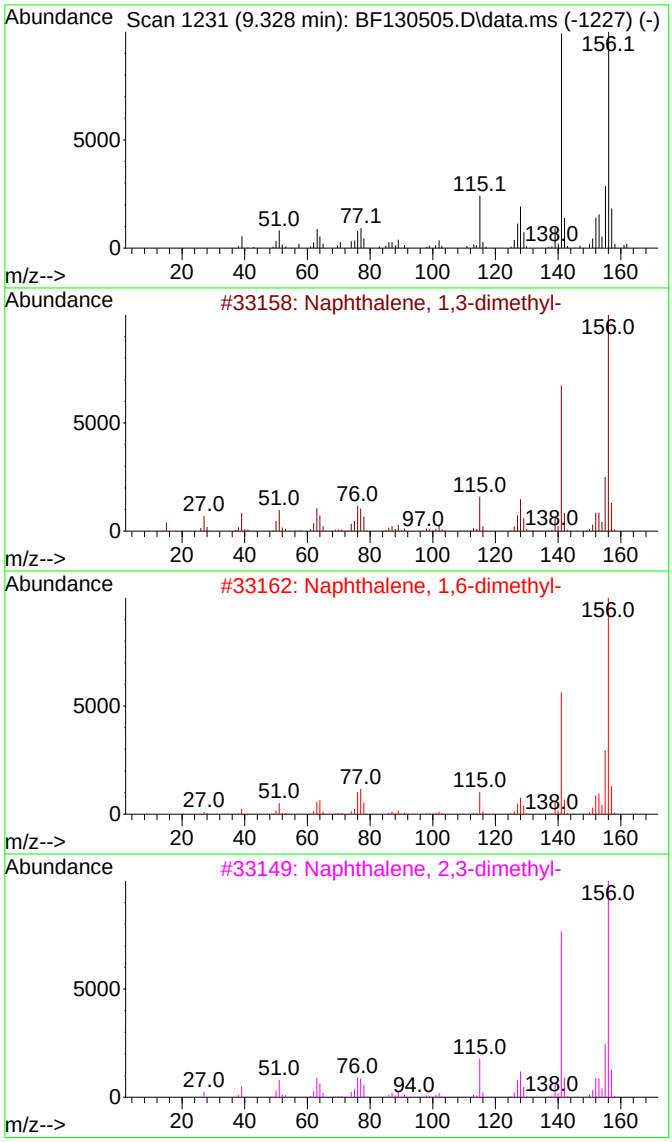
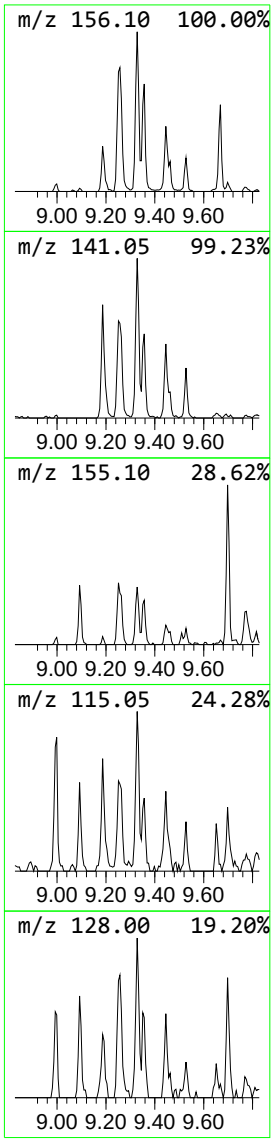
Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	2.76 ng	122801	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130505.D
Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

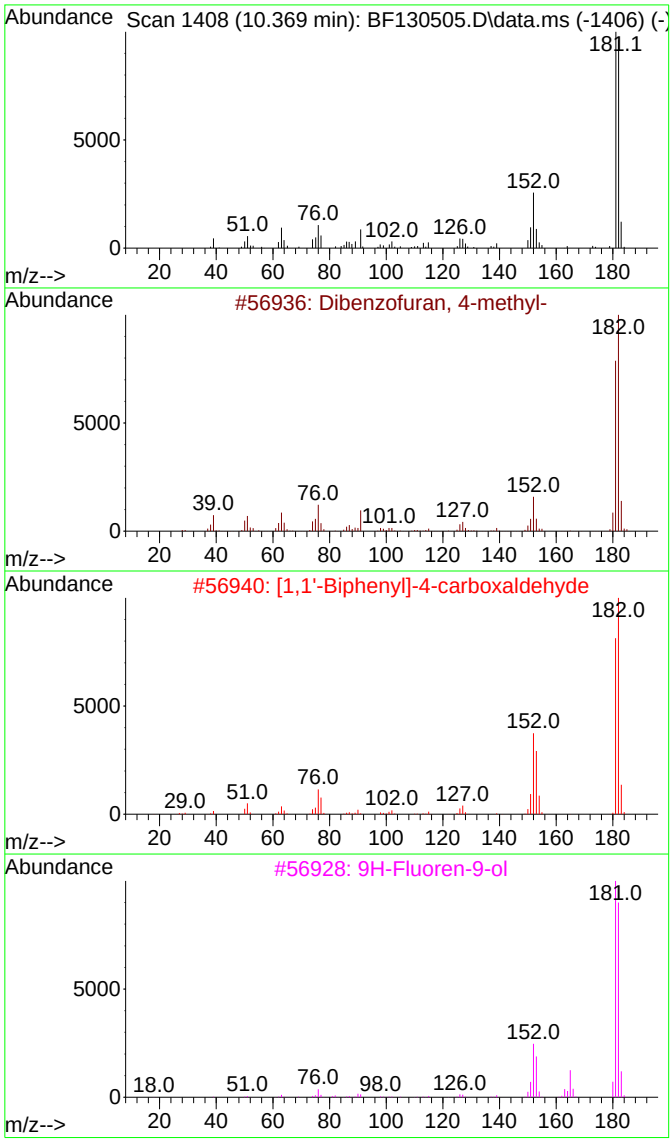
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

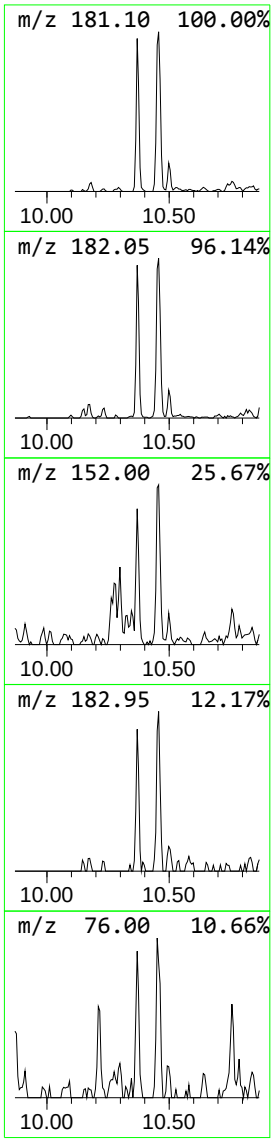
****

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.369	2.18 ng	97060	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
5	9H-Xanthene	182	C13H10O	000092-83-1	72





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Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-003-0930

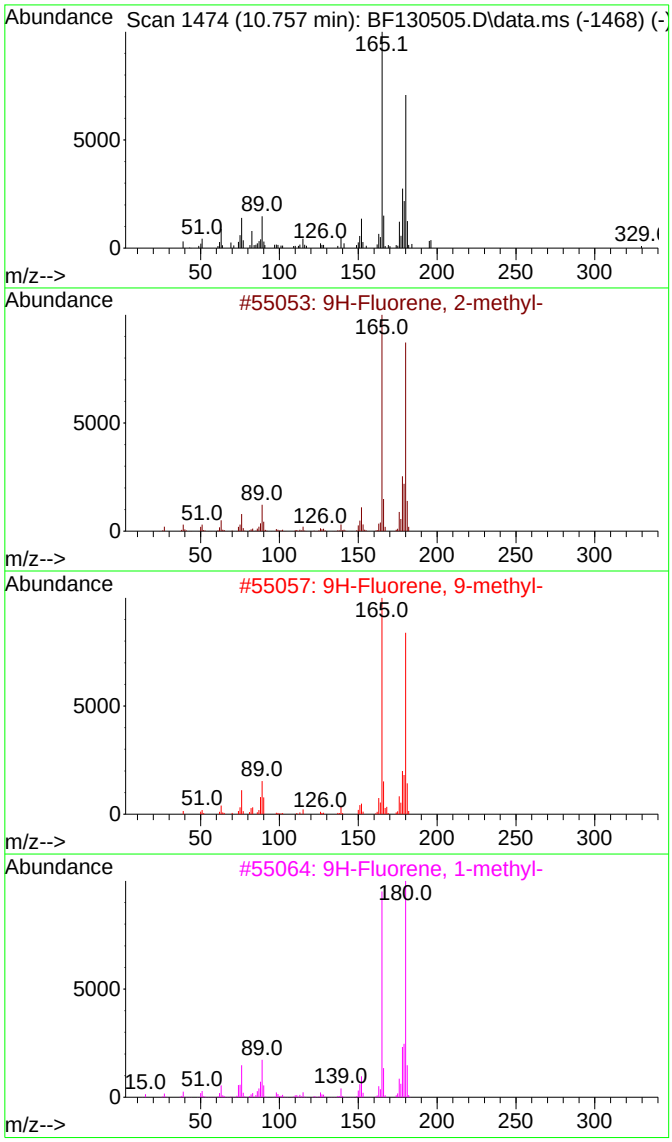
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

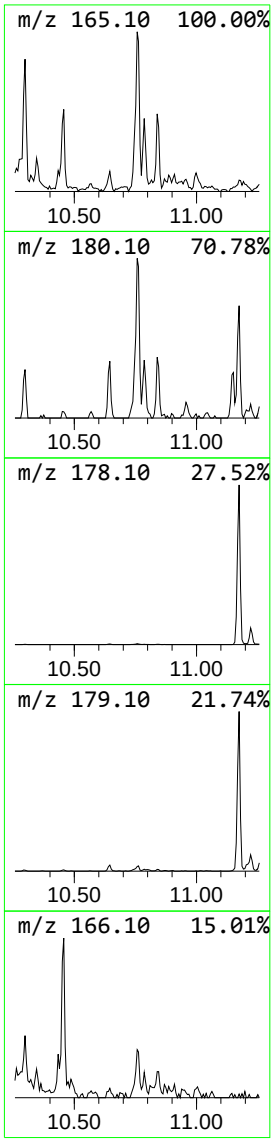
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	2.45 ng	90538	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	55





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Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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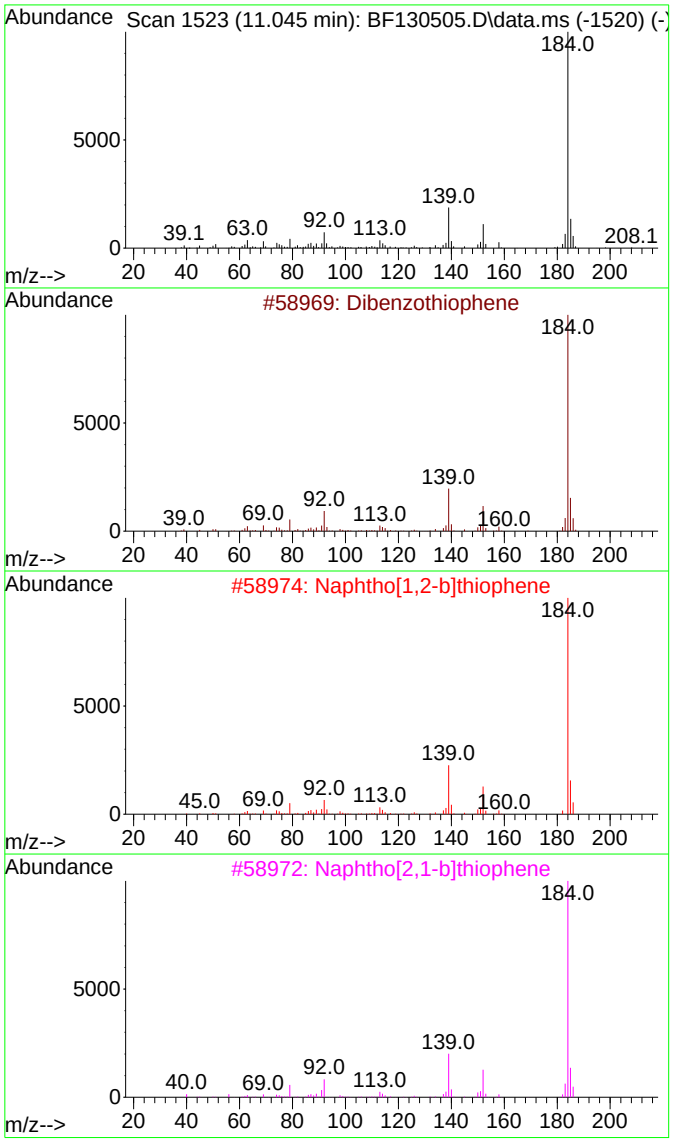
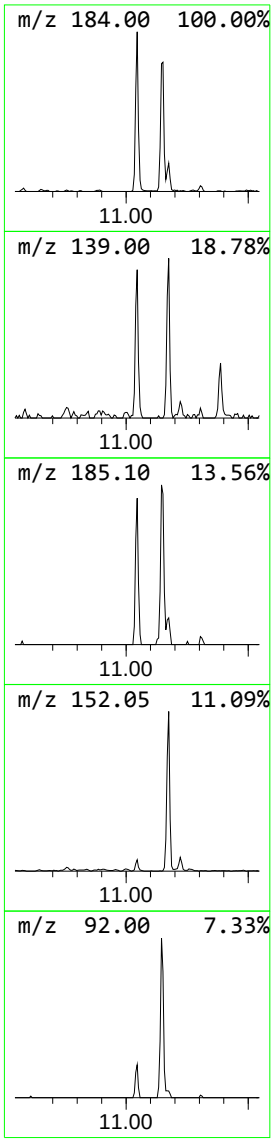
Peak Number 10 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.045	3.44 ng	127194	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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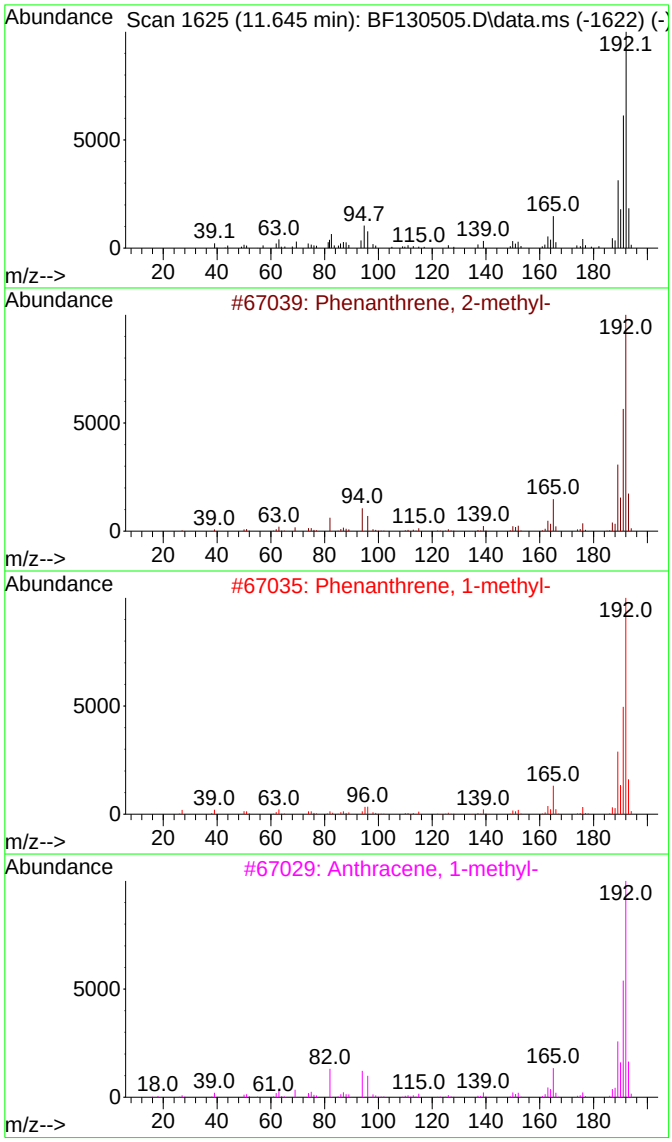
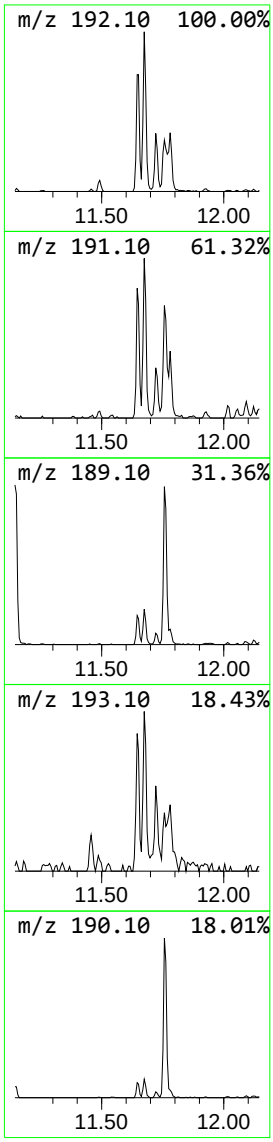
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	2.37 ng	87447	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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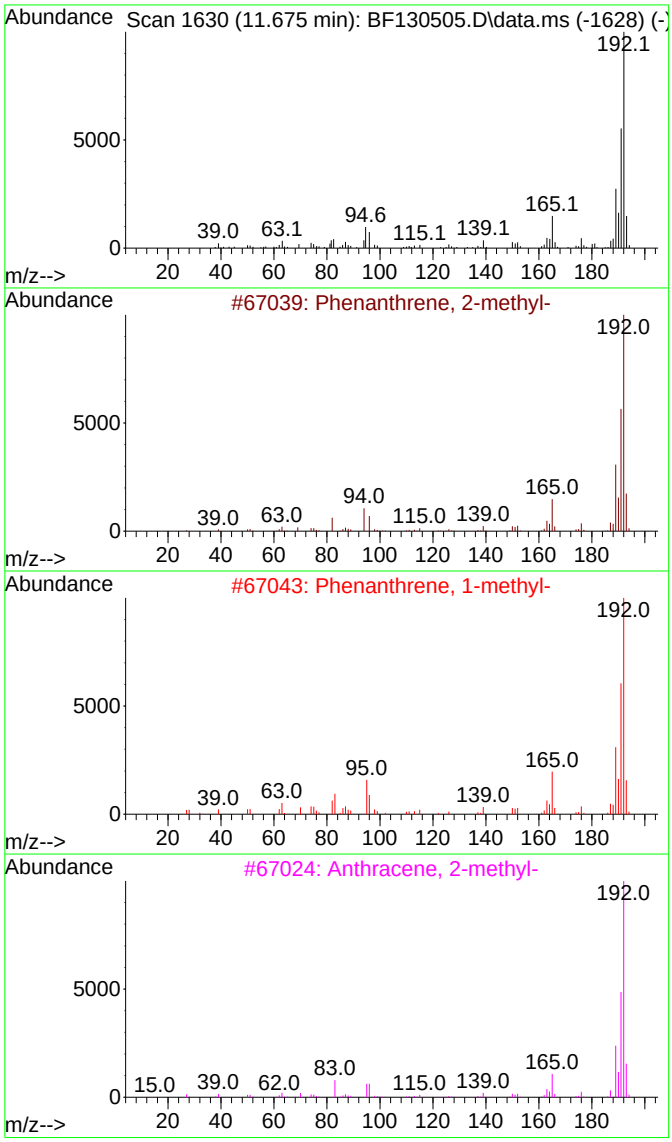
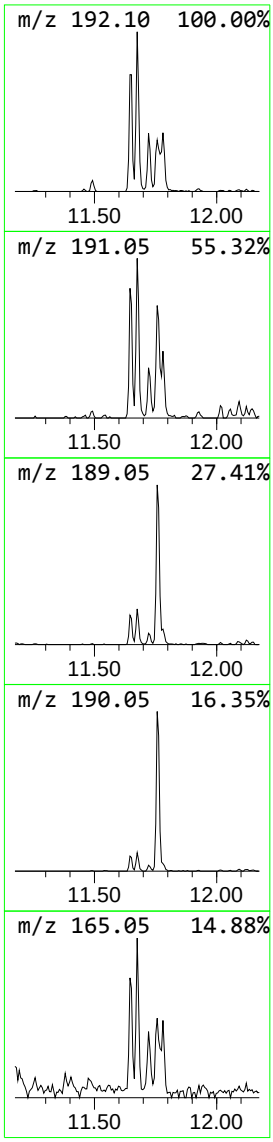
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	3.15 ng	116277	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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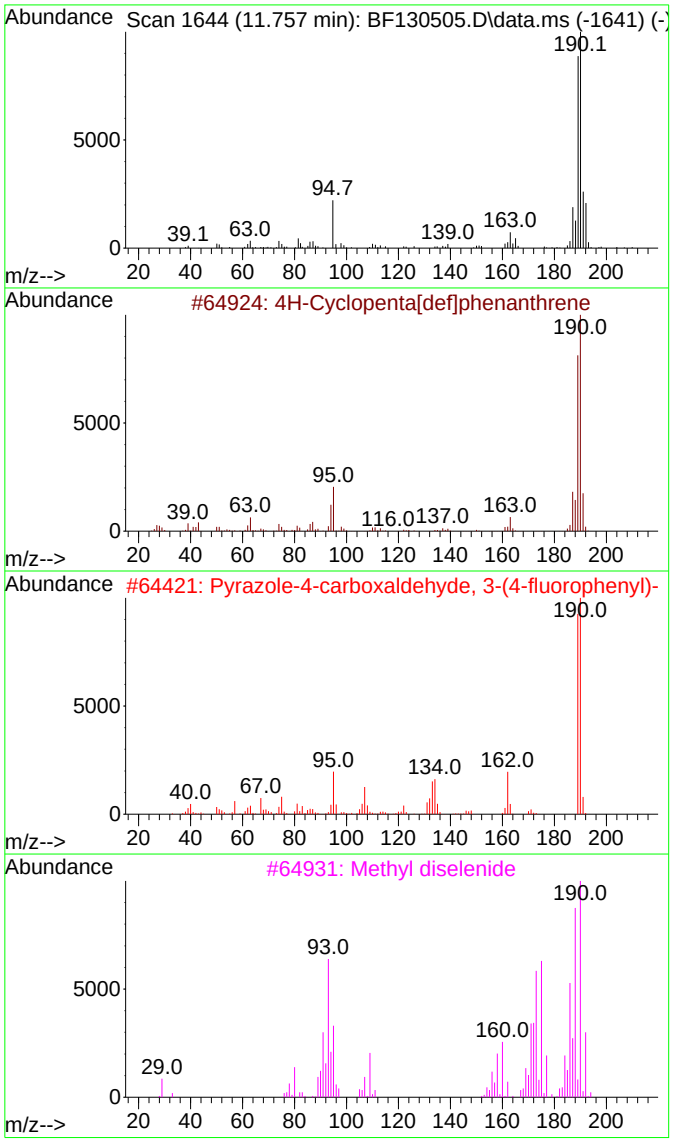
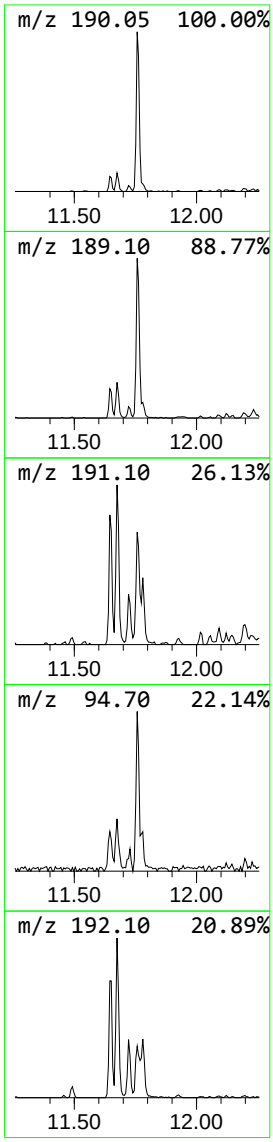
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	5.10 ng	188500	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36





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Acq On : 03 Oct 2022 18:30
Operator : CG\JU
Sample : N4943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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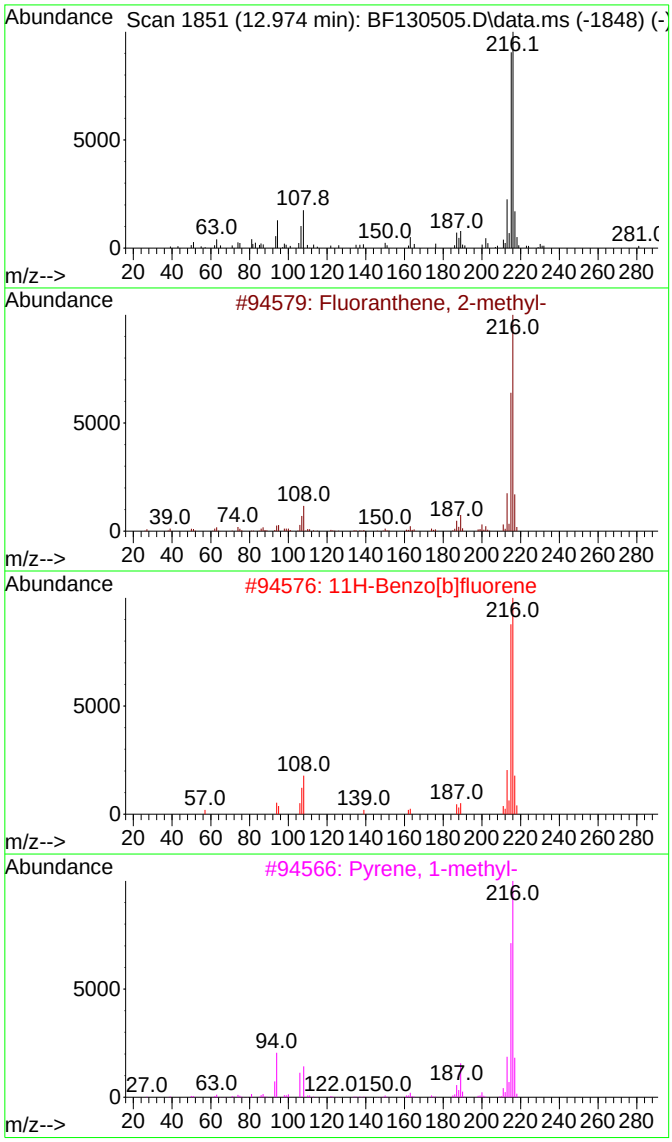
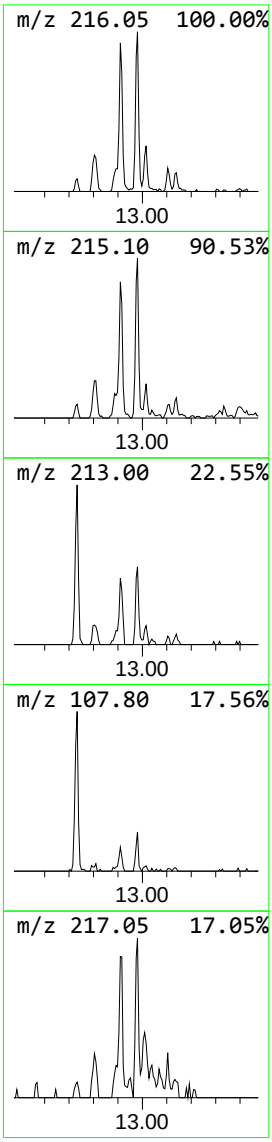
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.974	2.09 ng	54248	Chrysene-d12	13.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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TIC Library : C:\Database\NIST20.L
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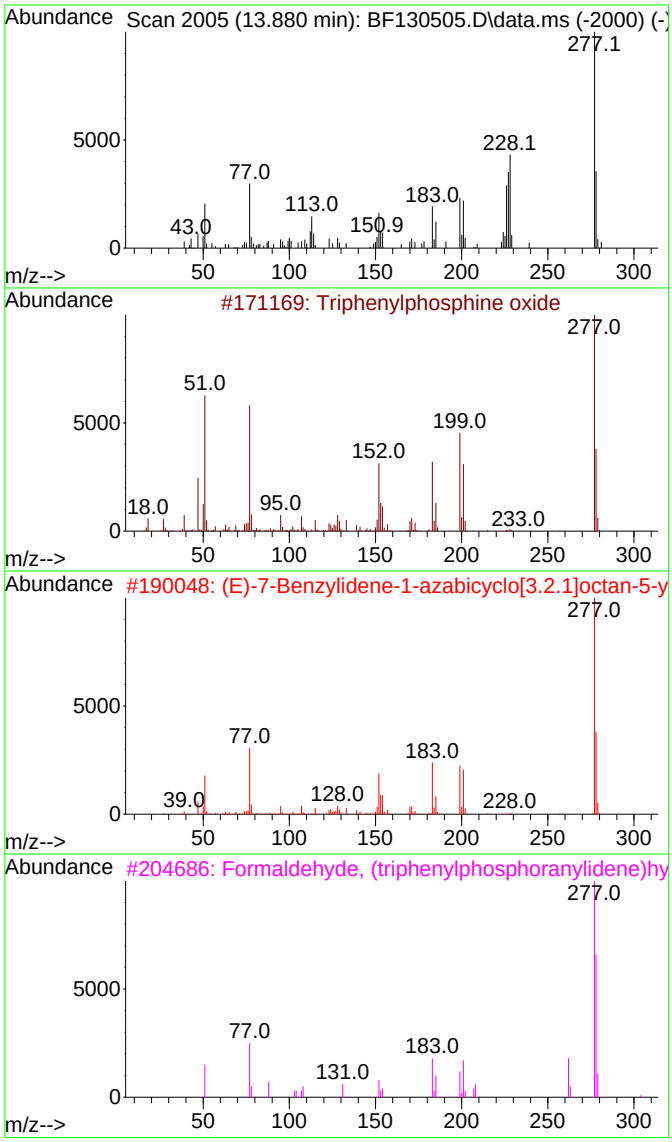
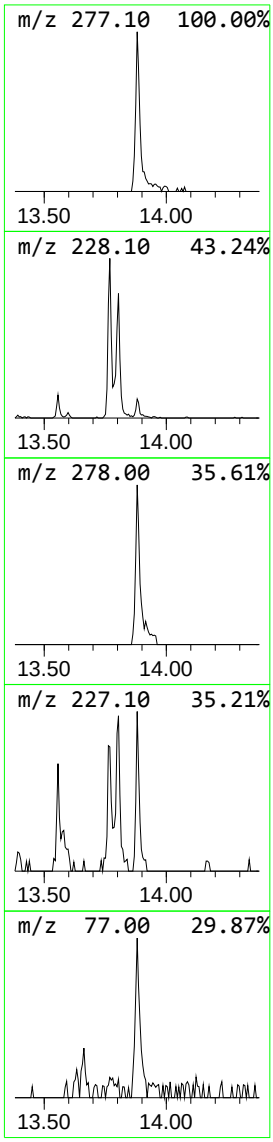
Peak Number 15 Triphenylphosphine oxide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	2.30 ng	59686	Chrysene-d12	13.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	64
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	32
4	.alpha.-[Chloromethyl]-2-phenoth...	277	C14H12ClNOS	051043-56-2	25
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	12





Tentatively Identified Compound (LSC) summary

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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
3-Penten-2-one,...	4.146	8.9	ng	301751	1	6.634	675213	20.0
2-Pentanone, 4-...	4.834	83.5	ng	2820530	1	6.634	675213	20.0
2-Pentanone, 4-...	5.645	6.5	ng	220933	1	6.634	675213	20.0
Indane	6.816	2.0	ng	68629	1	6.634	675213	20.0
Benzo[c]thiophene	7.992	2.7	ng	140611	2	7.916	1038640	20.0
Naphthalene, 1,...	9.257	2.6	ng	117033	3	9.669	891083	20.0
Naphthalene, 1,...	9.328	2.8	ng	122801	3	9.669	891083	20.0
Dibenzofuran, 4...	10.369	2.2	ng	97060	3	9.669	891083	20.0
9H-Fluorene, 2-...	10.757	2.5	ng	90538	4	11.151	739266	20.0
Dibenzothiophene	11.045	3.4	ng	127194	4	11.151	739266	20.0
Phenanthrene, 2...	11.645	2.4	ng	87447	4	11.151	739266	20.0
Phenanthrene, 1...	11.675	3.1	ng	116277	4	11.151	739266	20.0
4H-Cyclopenta[d...	11.757	5.1	ng	188500	4	11.151	739266	20.0
Fluoranthene, 2...	12.974	2.1	ng	54248	5	13.780	519406	20.0
Triphenylphosph...	13.880	2.3	ng	59686	5	13.780	519406	20.0