LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-227-233-A

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-BP020521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	285	290	298	rVB	25517	35667	1.58%	0.121%
2	5.358	362	369	382	rVB	1027907	1441154	63.66%	4.896%
3	6.946	631	639	656	rBV	906248	1518975	67.10%	5.160%
4	7.758	771	777	785	rBV	220409	350101	15.47%	1.189%
5	8.922	967	975	989	rVB	556032	926573	40.93%	3.148%
6	10.551	1244	1252	1258	rBV	262270	443230	19.58%	1.506%
7	10.604	1258	1261	1268	rVB	25878	37999	1.68%	0.129%
8	12.340	1527	1556	1557	rBV5	92632	486955	21.51%	1.654%
9	12.722	1615	1621	1627	rBV	36545	55626	2.46%	0.189%
10	12.787	1627	1632	1641	rVB	61052	88681	3.92%	0.301%
11	13.028	1666	1673	1679	rBV	1276010	1820128	80.41%	6.183%
12	13.328	1717	1724	1729	rBV4	16718	32126	1.42%	0.109%
13	13.463	1743	1747	1756	rVB	23628	39591	1.75%	0.134%
14	13.863	1810	1815	1825	rVB	63568	89992	3.98%	0.306%
15	14.134	1855	1861	1867	rVB	17213	29225	1.29%	0.099%
16	14.410	1901	1908	1914	rBV	361094	530281	23.43%	1.801%
17	14.475	1914	1919	1927	rVB	38100	61968	2.74%	0.211%
18	14.810	1971	1976	1984	rBV	42107	64275	2.84%	0.218%
19	15.122	2025	2029	2038	rBV5	12460	24080	1.06%	0.082%
20	15.457	2081	2086	2092	rBV	60994	94068	4.16%	0.320%
21	15.798	2140	2144	2152	rVB2	44319	67146	2.97%	0.228%
22	15.904	2155	2162	2170	rBV	986118	1379161	60.93%	4.685%
23	16.816	2313	2317	2324	rVB2	37852	57293	2.53%	0.195%
24	16.981	2340	2345	2353	rVB	41992	67891	3.00%	0.231%
25	17.163	2370	2376	2380	rBV	403248	607799	26.85%	2.065%
26	17.210	2380	2384	2390	rVV	800888	1098851	48.54%	3.733%
27	17.298	2391	2399	2405	rVV	202388	342496	15.13%	1.163%
28	17.575	2437	2446	2454	rBV	83980	144779	6.40%	0.492%
29	17.657	2456	2460	2464	rVV	35260	49383	2.18%	0.168%
30	17.728	2468	2472	2483	rVB	24700	49019	2.17%	0.167%
31	18.033	2520	2524	2526	rBV	58322	77115	3.41%	0.262%
32	18.063	2526	2529	2530	rBV	58370	65158	2.88%	0.221%
33	18.157	2542	2545	2550	rVB	27900	39774	1.76%	0.135%
34	18.228	2550	2557	2560	rBV2	100223	174182	7.69%	0.592%
35	18.257	2560	2562	2567	rVB	36905	46829	2.07%	0.159%
36	18.522	2603	2607	2610	rBV	53841	61166	2.70%	0.208%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-227-233-A

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-BP020521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.557	2610	2613	2618	rVB	48588	60282	2.66%	0.205%
38	18.928	2671	2676	2681	rBV3	30285	61199	2.70%	0.208%
39	19.057	2694	2698	2704	rBV	42466	66351	2.93%	0.225%
40	19.180	2714	2719	2725	rVB	1302634	1585304	70.03%	5.385%
41	19.416	2756	2759	2768	rVB	35048	59568	2.63%	0.202%
42	19.504	2769	2774	2775	rVV	177556	231646	10.23%	0.787%
43	19.533	2775	2779	2786	rVV	966840	1268683	56.05%	4.310%
44	19.604	2787	2791	2798	rVB2	34783	53655	2.37%	0.182%
45	19.733	2805	2813	2817	rBV	1769298	2263686	100.00%	7.690%
46	19.851	2827	2833	2839	rBV3	46693	126911	5.61%	0.431%
47	19.975	2851	2854	2856	rBV4	25611	37863	1.67%	0.129%
48	20.016	2858	2861	2866	rVB	83371	109607	4.84%	0.372%
49	20.110	2874	2877	2880	rBV	41795	57973	2.56%	0.197%
50	20.304	2907	2910	2913	rBV	34544	43064	1.90%	0.146%
51	20.551	2948	2952	2957	rBV2	91789	154132	6.81%	0.524%
52	20.692	2972	2976	2981	rBV	680302	775389	34.25%	2.634%
53	20.739	2981	2984	2990	rVV	97785	140803	6.22%	0.478%
54	20.904	3008	3012	3016	rBV2	71965	105363	4.65%	0.358%
55	20.963	3016	3022	3030	rVV5	176389	428363	18.92%	1.455%
56	21.033	3030	3034	3042	rVB2	108235	164315	7.26%	0.558%
57	21.163	3052	3056	3061	rVB	505992	546249	24.13%	1.856%
58	21.251	3064	3071	3075	rVV5	900381	1927693	85.16%	6.548%
59	21.286	3075	3077	3086	rVB	499260	609914	26.94%	2.072%
60	21.386	3090	3094	3103	rVB2	895486	1161464	51.31%	3.946%
61	21.569	3122	3125	3131	rVB3	71171	112041	4.95%	0.381%
62	22.369	3257	3261	3268	rVB3	157100	229949	10.16%	0.781%
63	22.721	3315	3321	3327	rVB	865462	1343311	59.34%	4.563%
64	22.863	3339	3345	3350	rBV	364119	916444	40.48%	3.113%
65	23.357	3425	3429	3438	rVB	231727	417060	18.42%	1.417%
66	23.457	3440	3446	3454	rVB	371494	753410	33.28%	2.559%
67	23.557	3458	3463	3469	rBV2	355337	681285	30.10%	2.314%
68	25.921	3860	3865	3875	rVB2	164592	445702	19.69%	1.514%

Sum of corrected areas: 29437416

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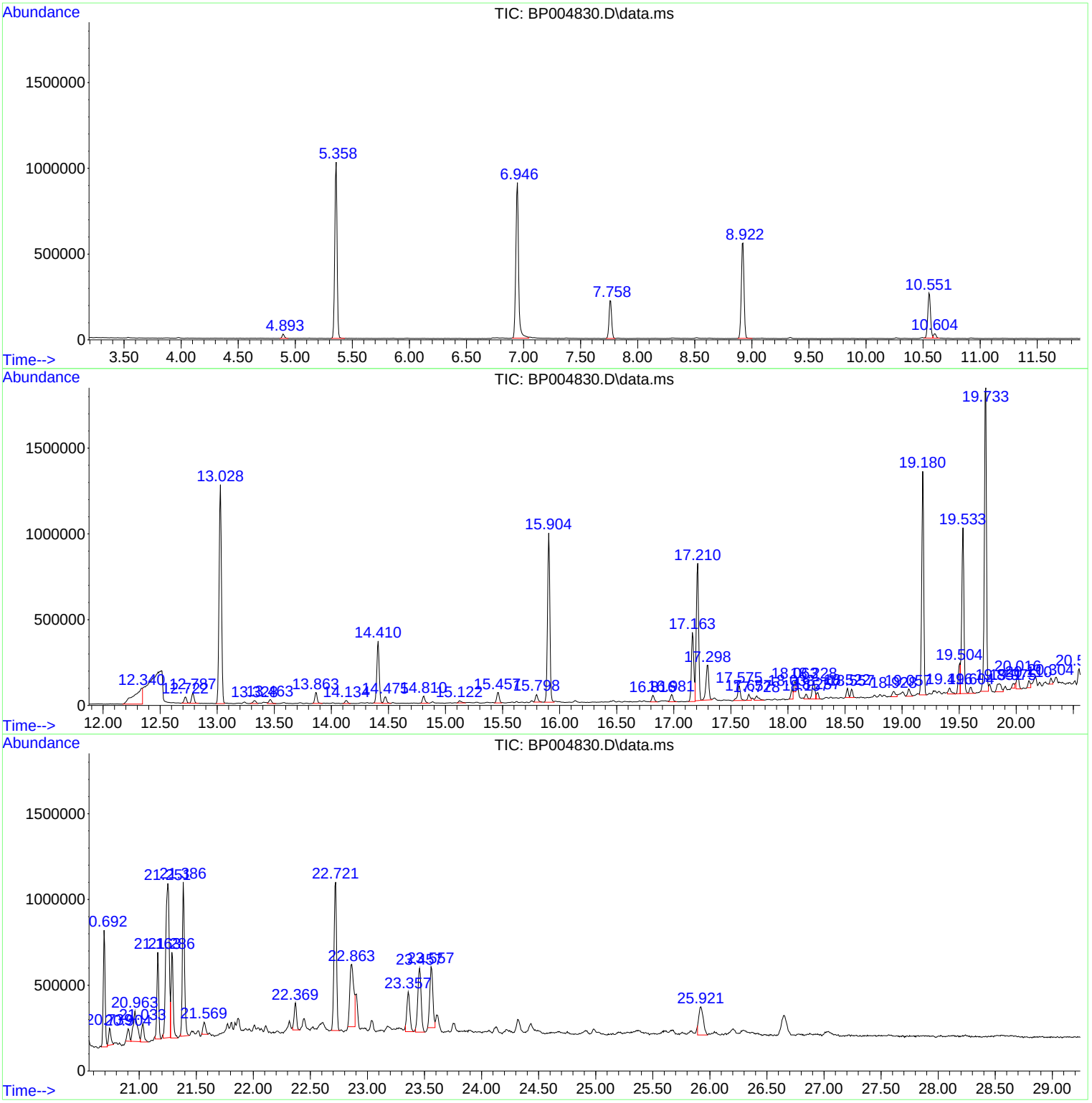
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
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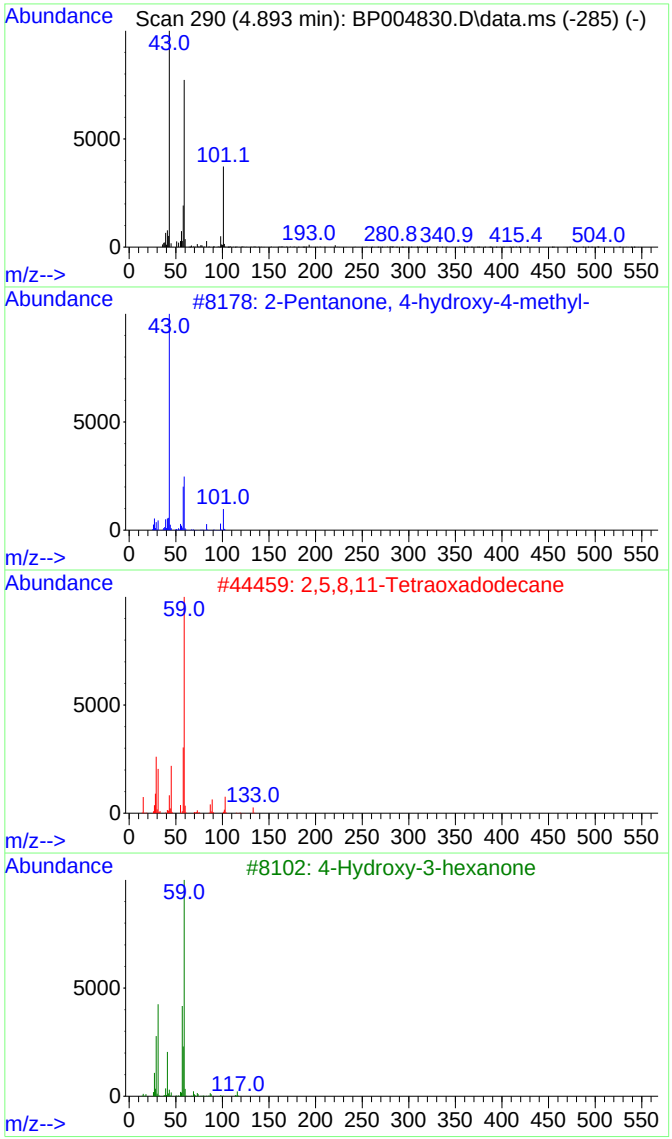
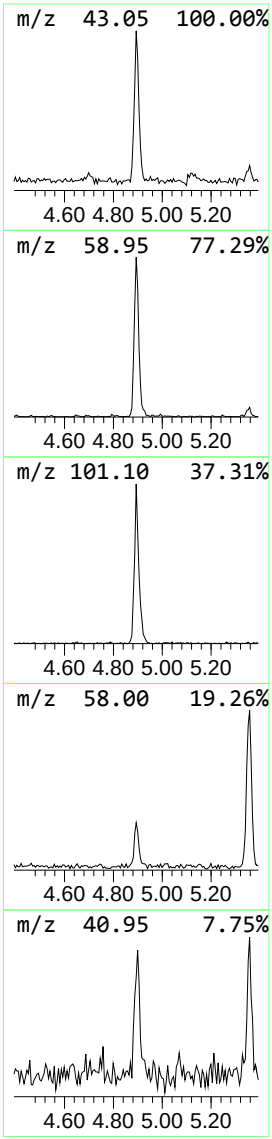
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	2.04 ng	35667	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	40
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	33
4	Tetraglyme	222	C10H22O5	000143-24-8	33
5	5-Ethyl-3-methylhept-1-en-4-ol	156	C10H20O	286424-80-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
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Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

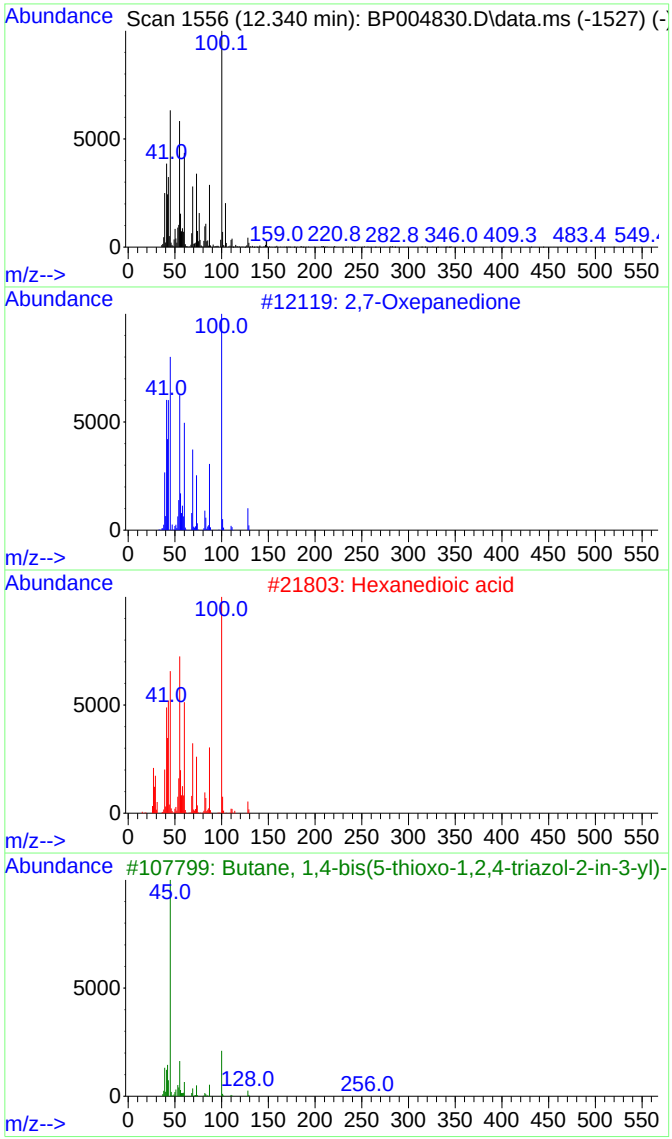
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

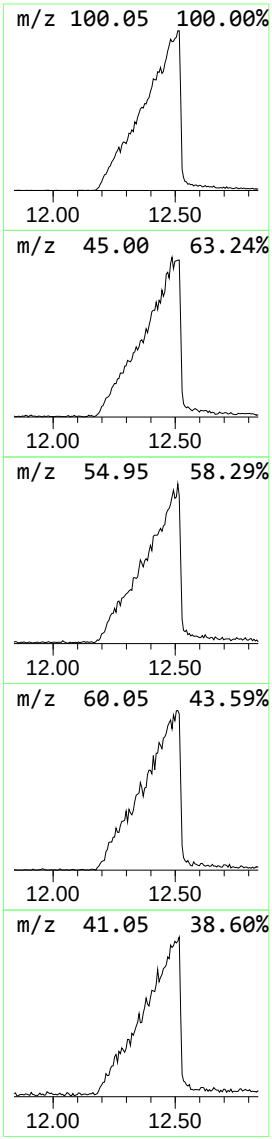
****

Peak Number 2 2,7-Oxepanedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.340	21.97 ng	486955	Naphthalene-d8	10.552

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Oxepanedione	128	C6H8O3	002035-75-8	91
2	Hexanedioic acid	146	C6H10O4	000124-04-9	72
3	Butane, 1,4-bis(5-thioxo-1,2,4-t...	256	C8H12N6S2	007271-37-6	47
4	4H-Pyran-4-one, tetrahydro-	100	C5H8O2	029943-42-8	27
5	N-Morpholinomethyl-isopropyl-sul...	175	C8H17NOS	077422-34-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

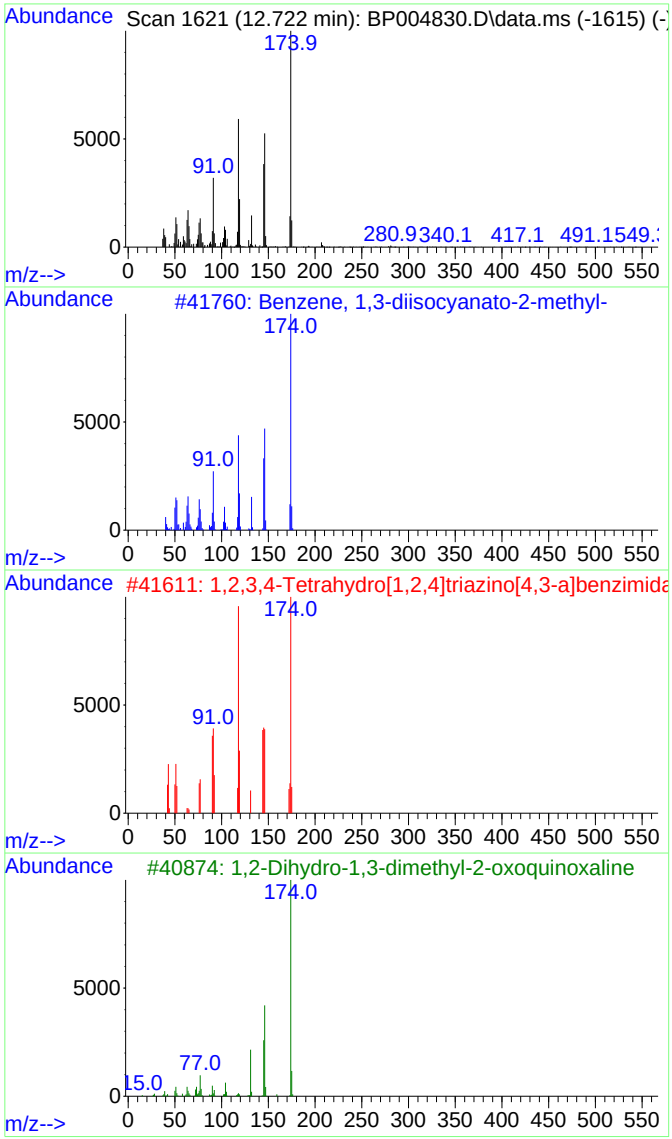
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

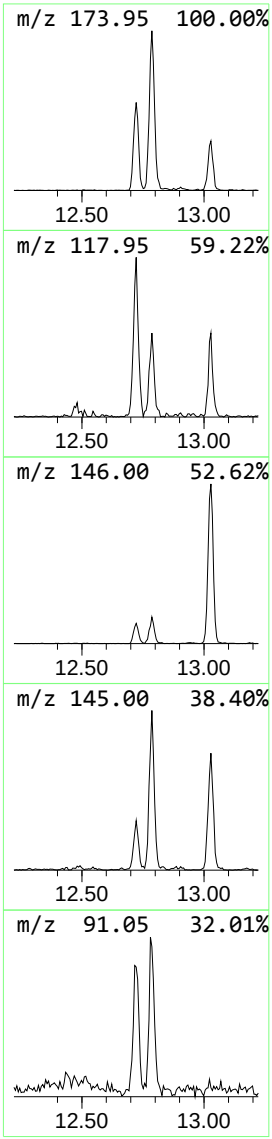
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-diisocyanato-2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	2.10 ng	55626	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	95
2	1,2,3,4-Tetrahydro[1,2,4]triazin...	174	C9H10N4	055754-07-9	83
3	1,2-Dihydro-1,3-dimethyl-2-oxoqu...	174	C10H10N2O	003149-25-5	58
4	Benzo [f]-1,5-diazabicyclo[3.2.2...	174	C11H14N2	007092-76-4	52
5	2H-1-Benzopyran-2-one, 4,6-dimet...	174	C11H10O2	014002-89-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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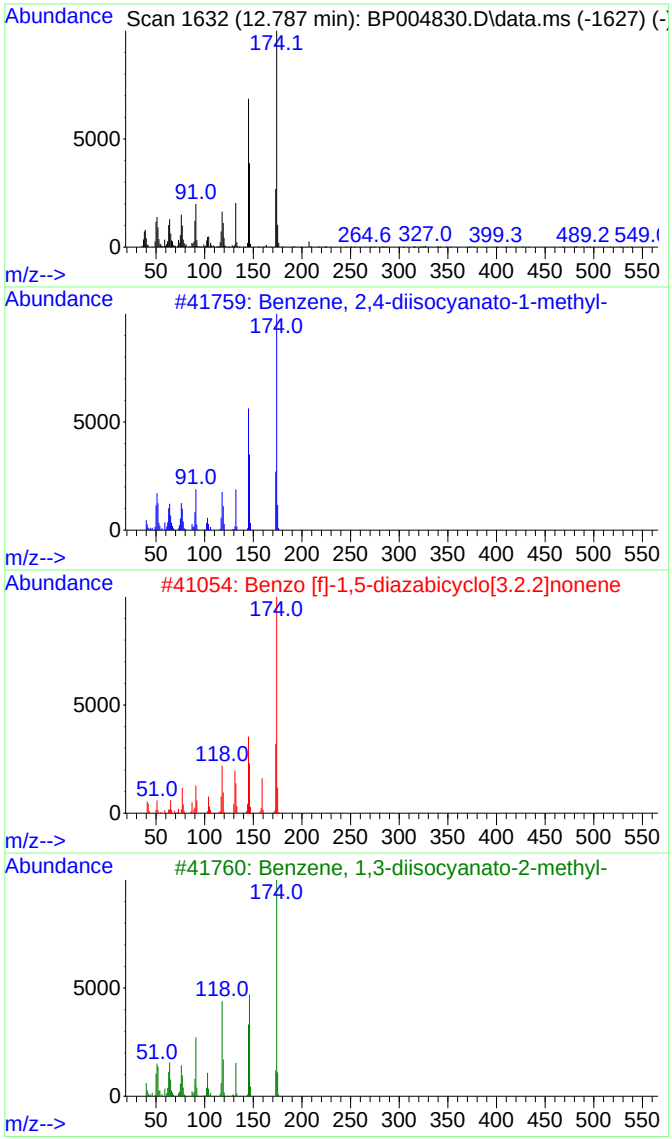
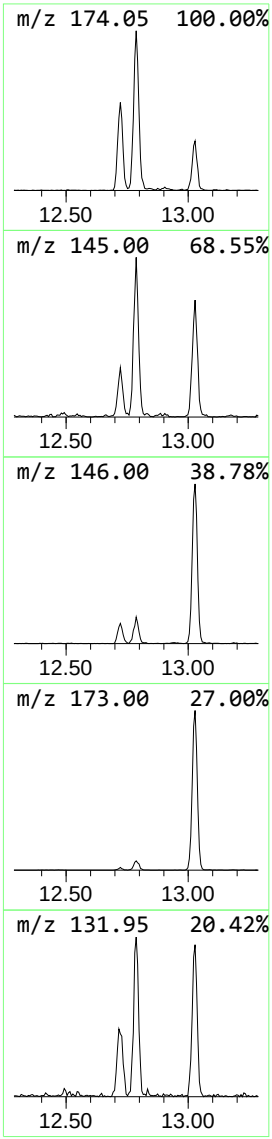
****
Peak Number 4 Benzene, 2,4-diisocyanato-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.787	3.34 ng	88681	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	98
2	Benzo [f]-1,5-diazabicyclo[3.2.2...	174	C11H14N2	007092-76-4	87
3	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	62
4	1,2-Dihydro-1,3-dimethyl-2-oxoqu...	174	C10H10N2O	003149-25-5	52
5	3-(3-Hydroxyphenyl)-3-trifluorom...	202	C8H5F3N2O	113787-85-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

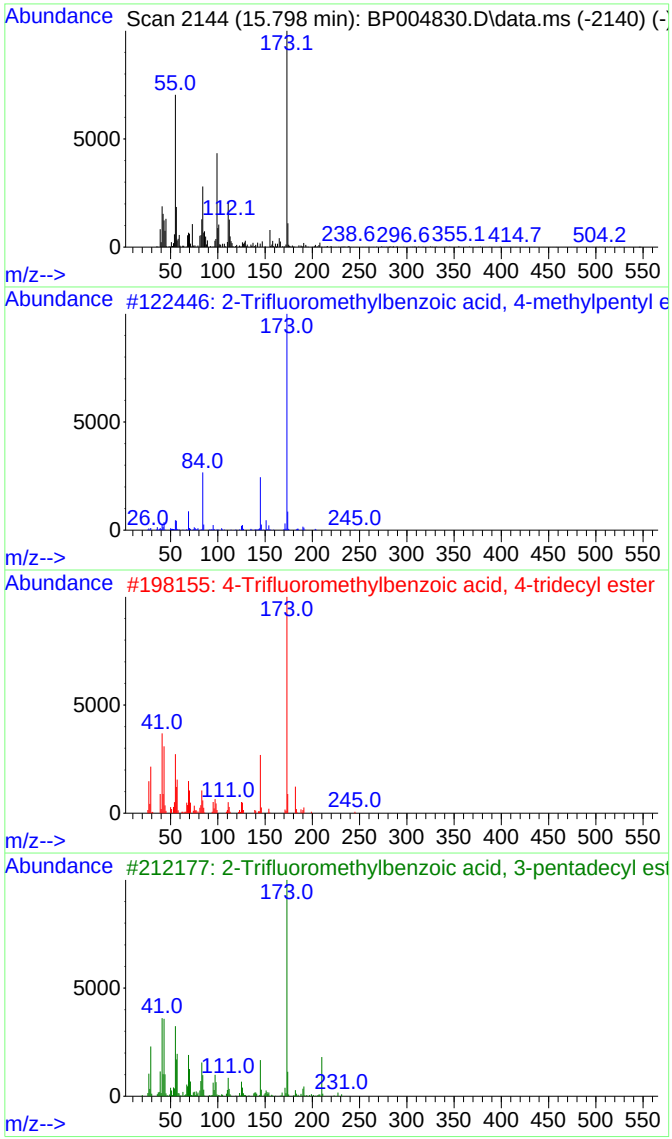
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

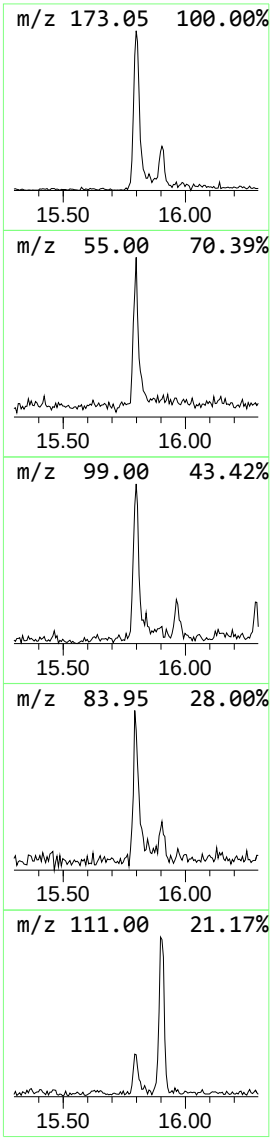
****

Peak Number 7 unknown15.798 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.798	2.21 ng	67146	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Trifluoromethylbenzoic acid, 4...	274	C14H17F3O2	1000282-28-8	43
2	4-Trifluoromethylbenzoic acid, 4...	372	C21H31F3O2	1000280-65-2	32
3	2-Trifluoromethylbenzoic acid, 3...	400	C23H35F3O2	1000282-03-6	32
4	2(1H)-Quinolinone, 4,6-dimethyl-	173	C11H11NO	023947-37-7	27
5	Cyclopropanecarboxylic acid, 2-m...	392	C27H36O2	108546-85-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

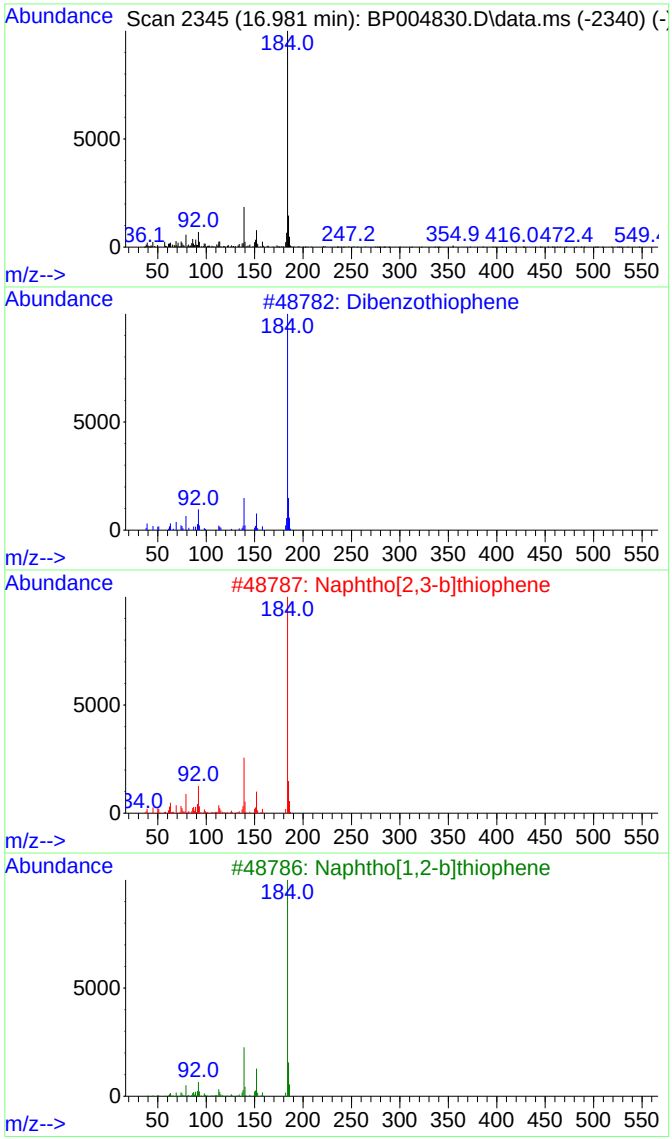
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

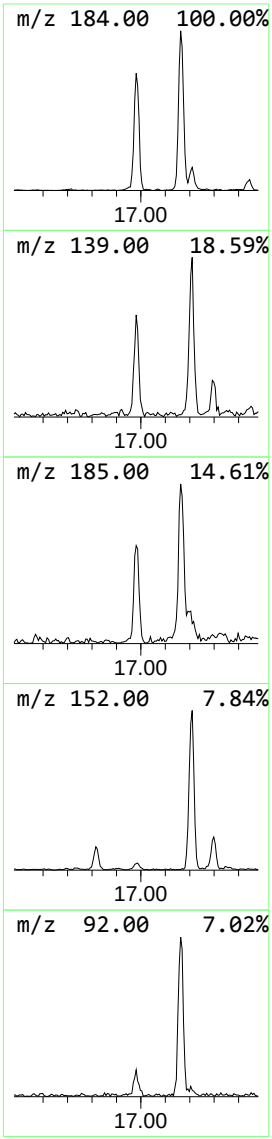
****

Peak Number 8 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.981	2.23 ng	67891	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

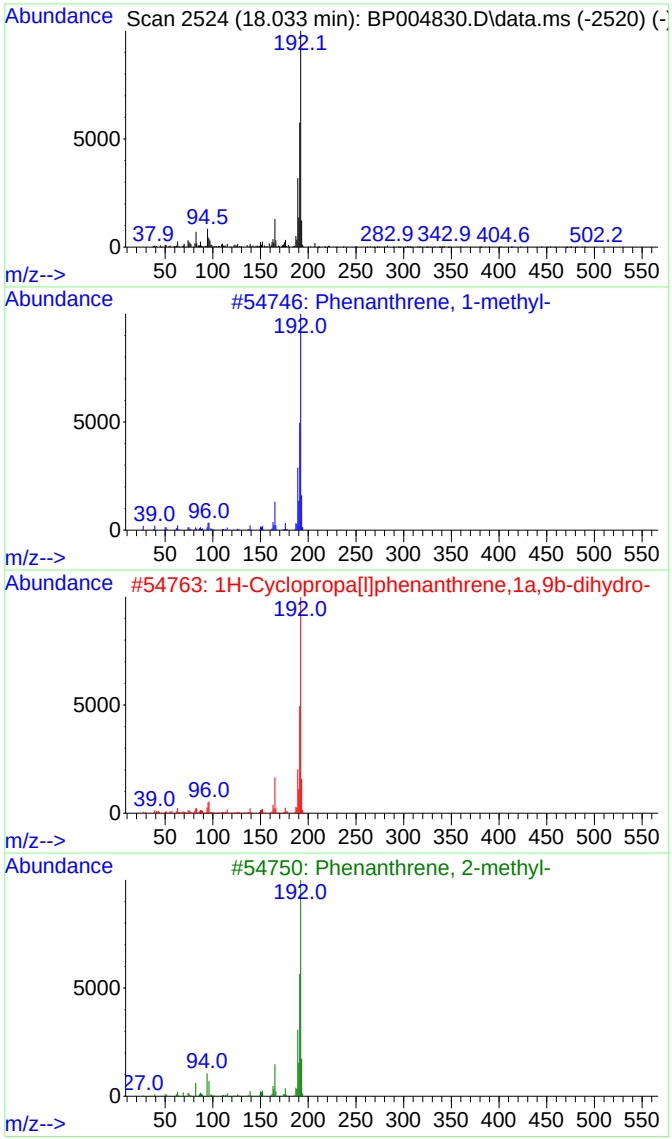
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

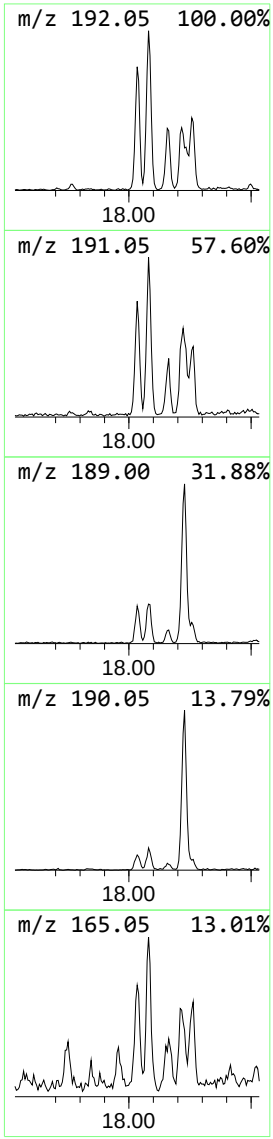
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	2.54 ng	77115	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-227-233-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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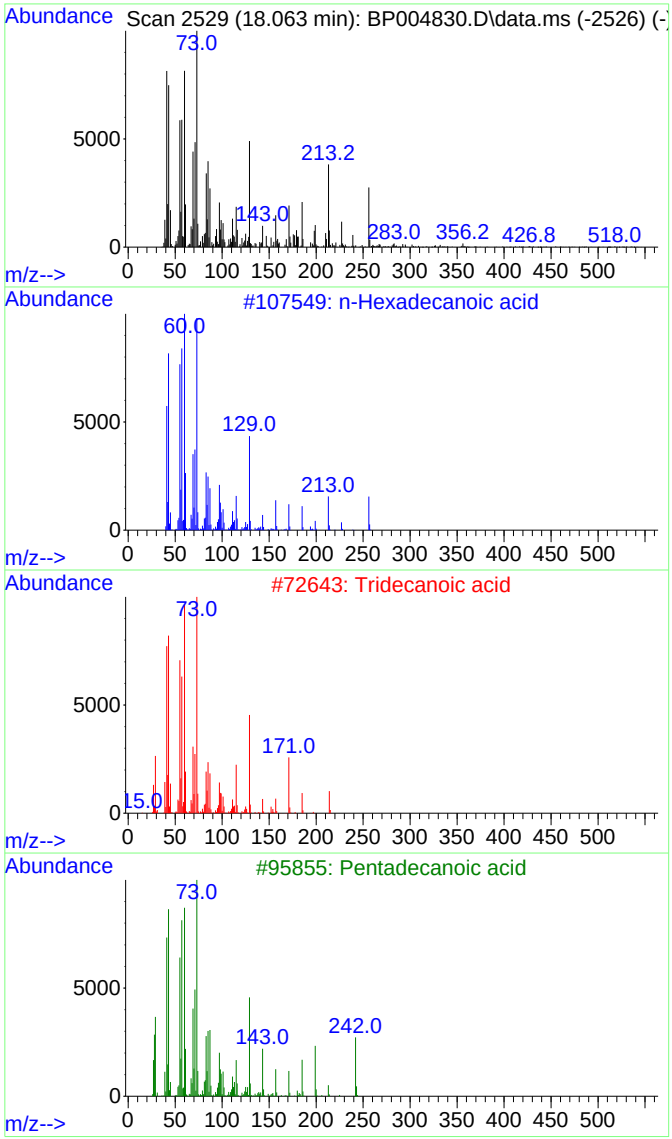
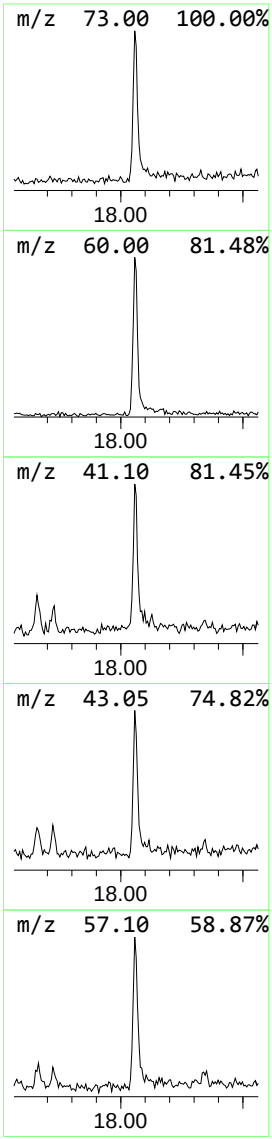
Peak Number 10 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	2.14 ng	65158	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-227-233-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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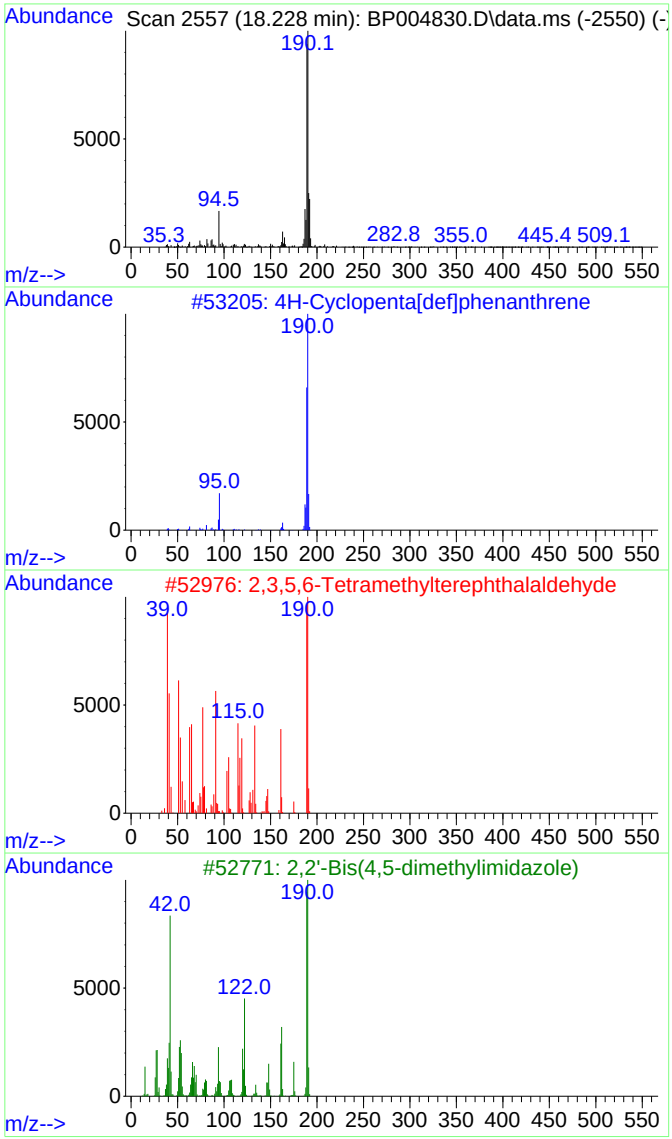
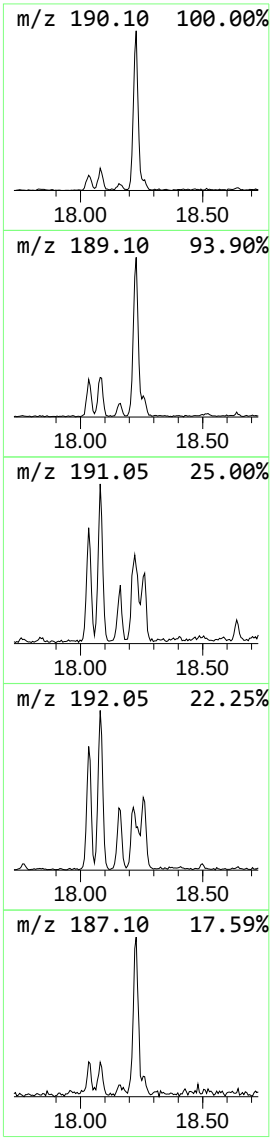
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	5.73 ng	174182	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	27
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





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Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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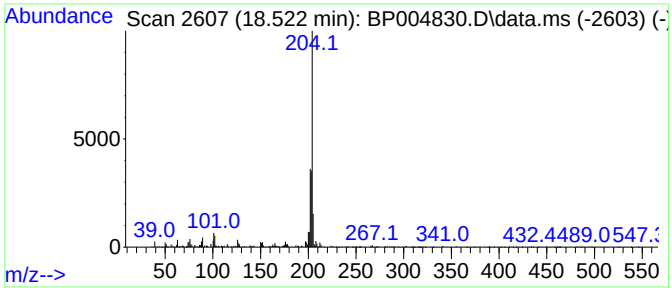
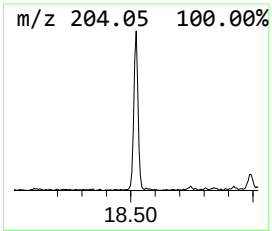
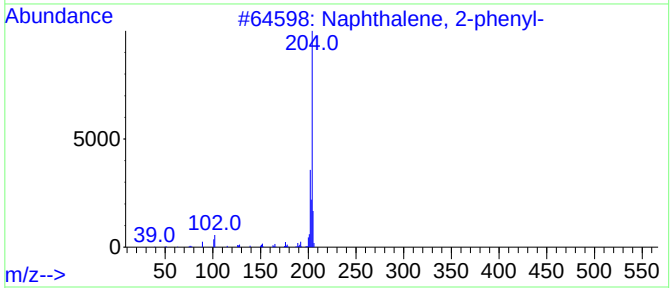
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 20

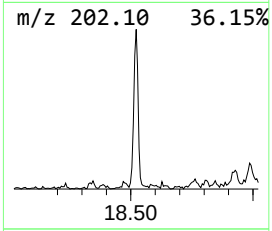
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	2.01 ng	61166	Phenanthrene-d10	17.163

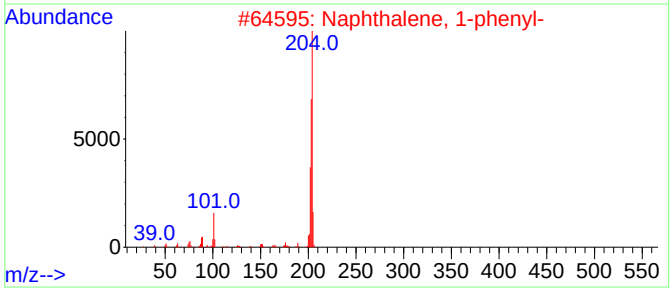
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	52

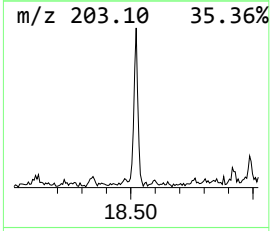


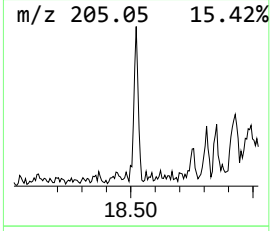


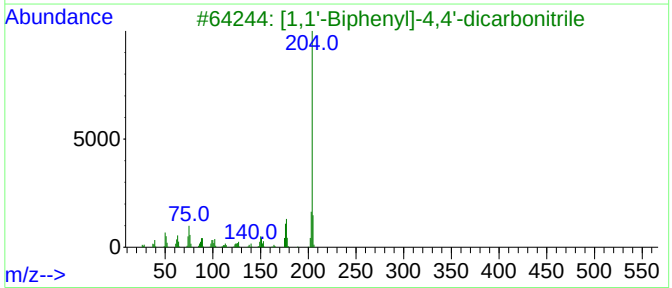


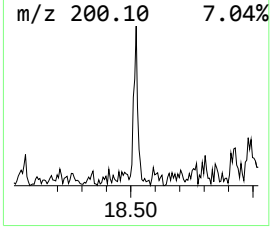












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Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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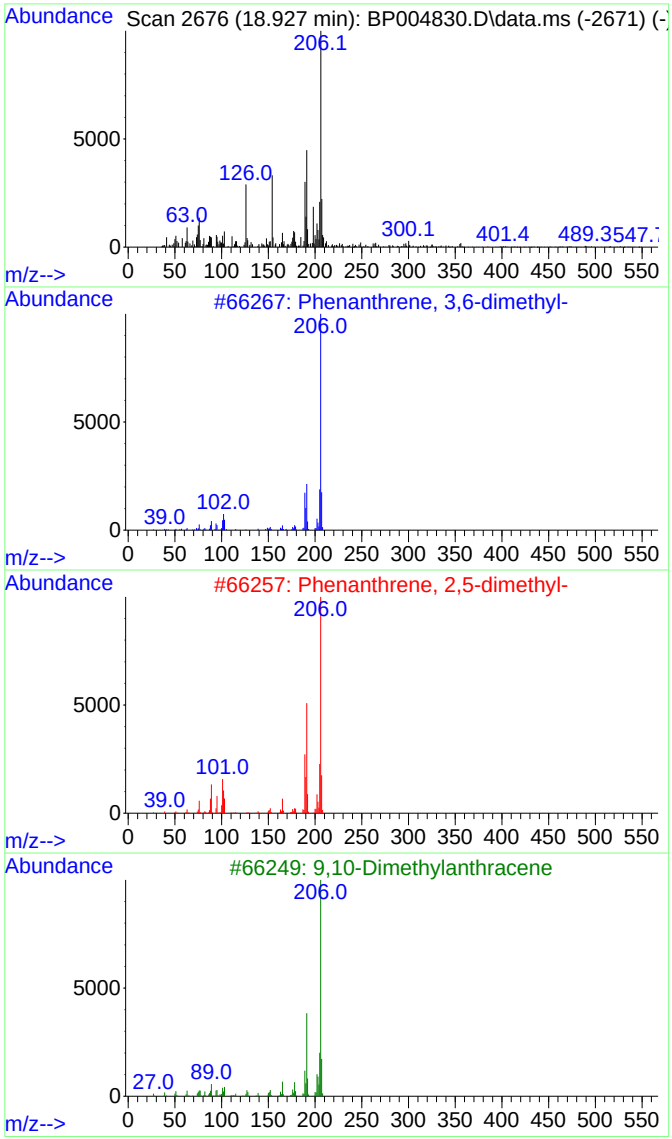
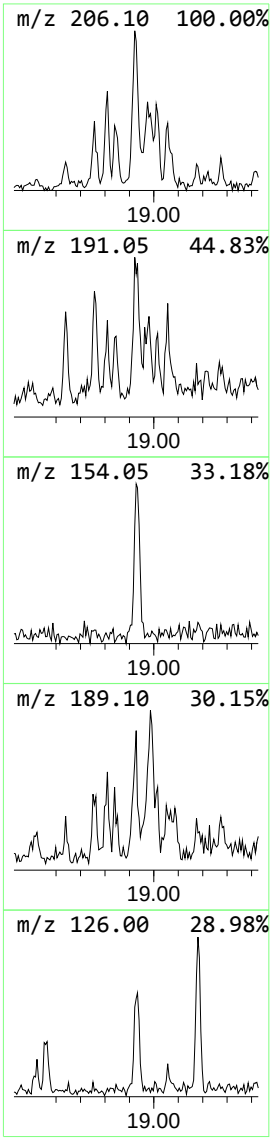
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.927	2.01 ng	61199	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60





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Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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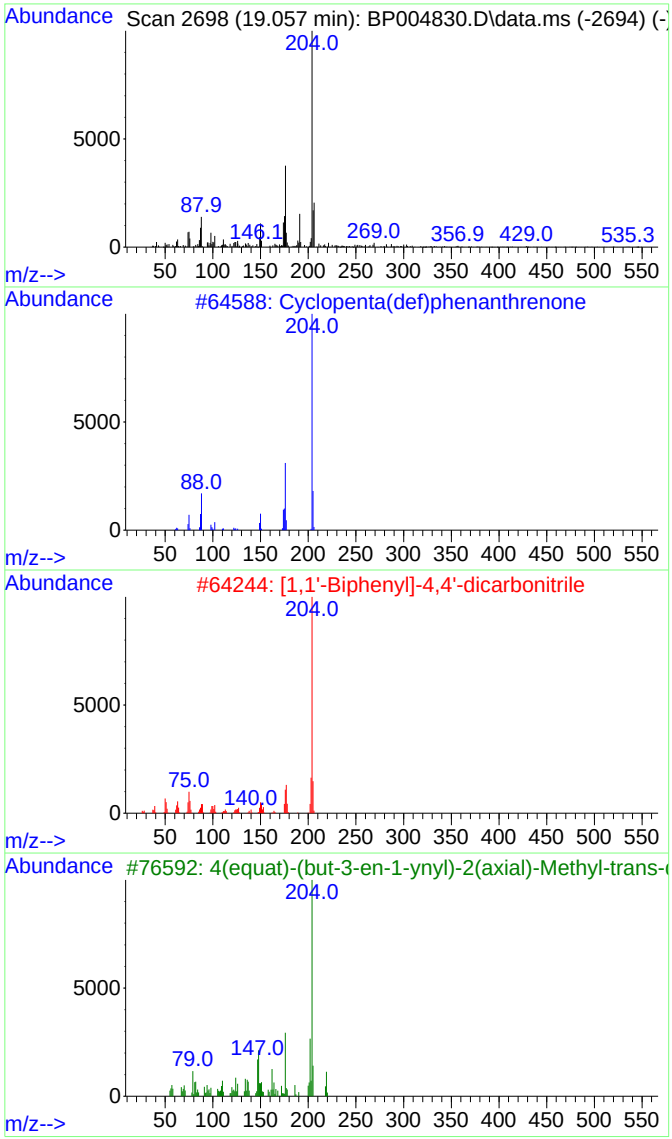
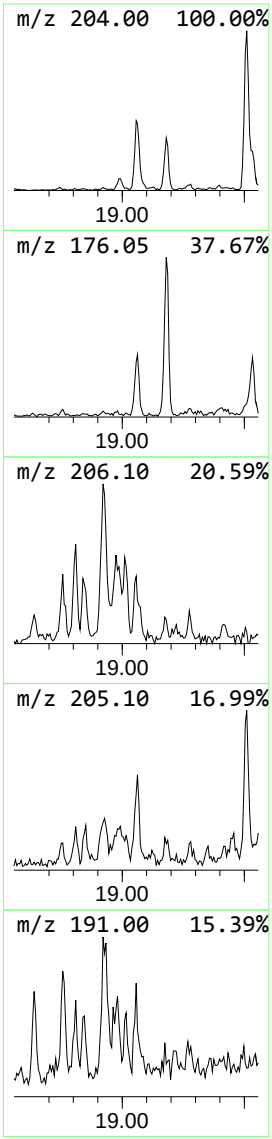
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	2.18 ng	66351	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	47
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43





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Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-227-233-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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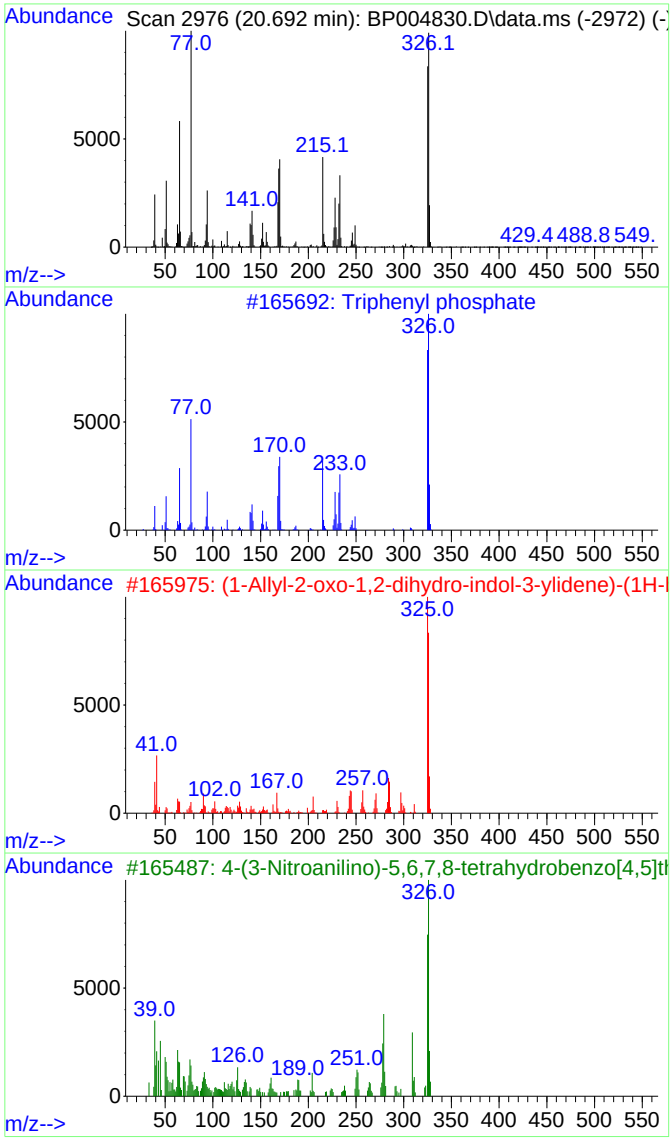
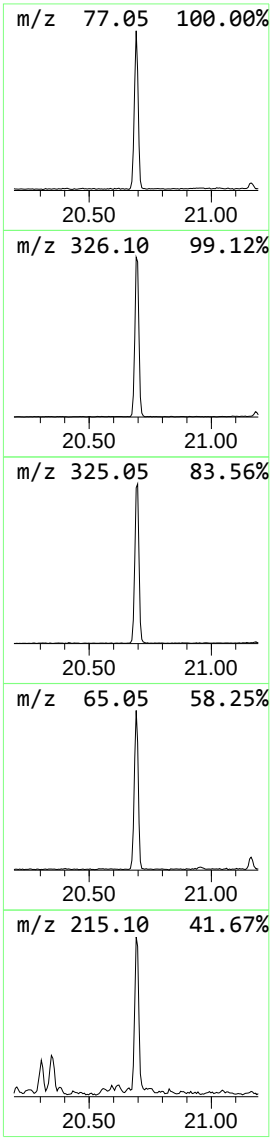
Peak Number 15 Triphenyl phosphate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.692	8.04 ng	775389	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenyl phosphate	326	C18H15O4P	000115-86-6	99
2	(1-Allyl-2-oxo-1,2-dihydro-indol...	326	C20H14N4O	1000296-28-1	14
3	4-(3-Nitroanilino)-5,6,7,8-tetra...	326	C16H14N4O2S	313952-58-8	14
4	Triphenylphosphonium cyclopentad...	326	C23H19P	029473-30-1	10
5	1H-12a,5-(Epoxymethano)pyrido[3'...	326	C19H22N2O3	003329-95-1	10





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Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-227-233-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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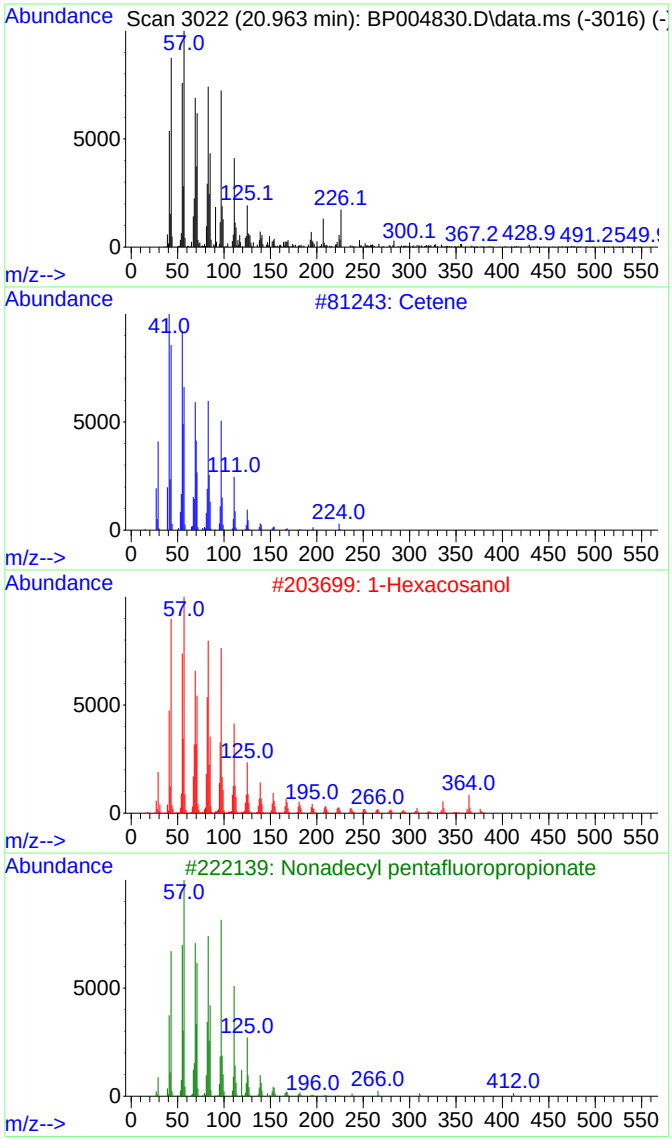
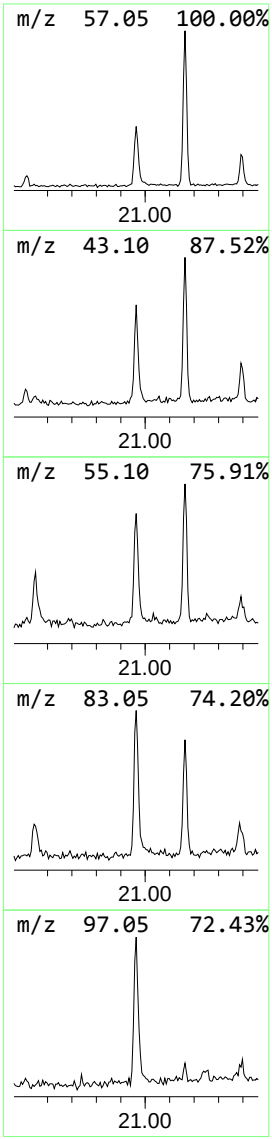
Peak Number 16 Cetene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.963	4.44 ng	428363	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	95
2	1-Hexacosanol	382	C26H54O	000506-52-5	94
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
5	1-Triacontanol	438	C30H62O	000593-50-0	89





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Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-227-233-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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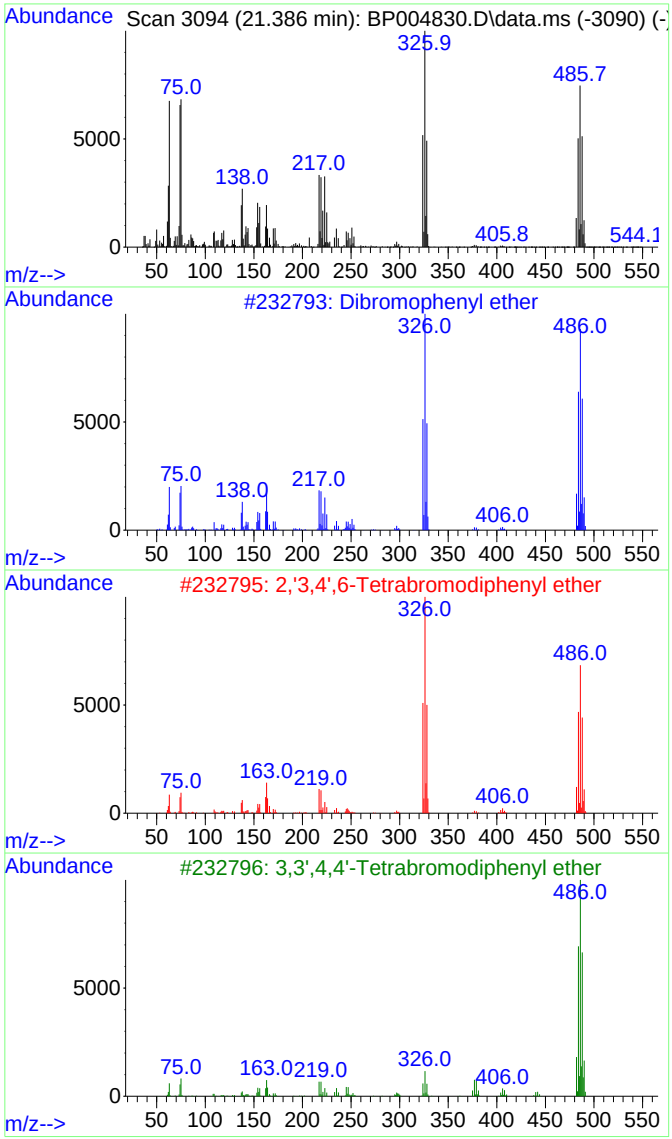
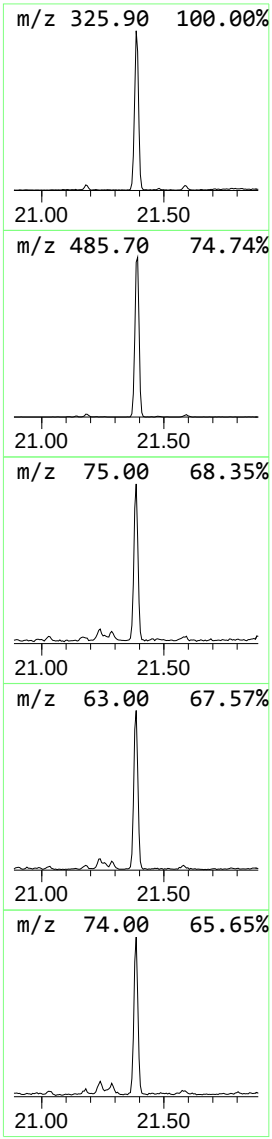
Peak Number 17 Dibromophenyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	12.05 ng	1161460	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibromophenyl ether	482	C12H6Br4O	005436-43-1	97
2	2,'3,4',6-Tetrabromodiphenyl ether	482	C12H6Br4O	189084-62-6	90
3	3,3',4,4'-Tetrabromodiphenyl ether	482	C12H6Br4O	093703-48-1	50
4	Dibenzofuran, 2,8-dibromo-	324	C12H6Br2O	010016-52-1	46
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	38





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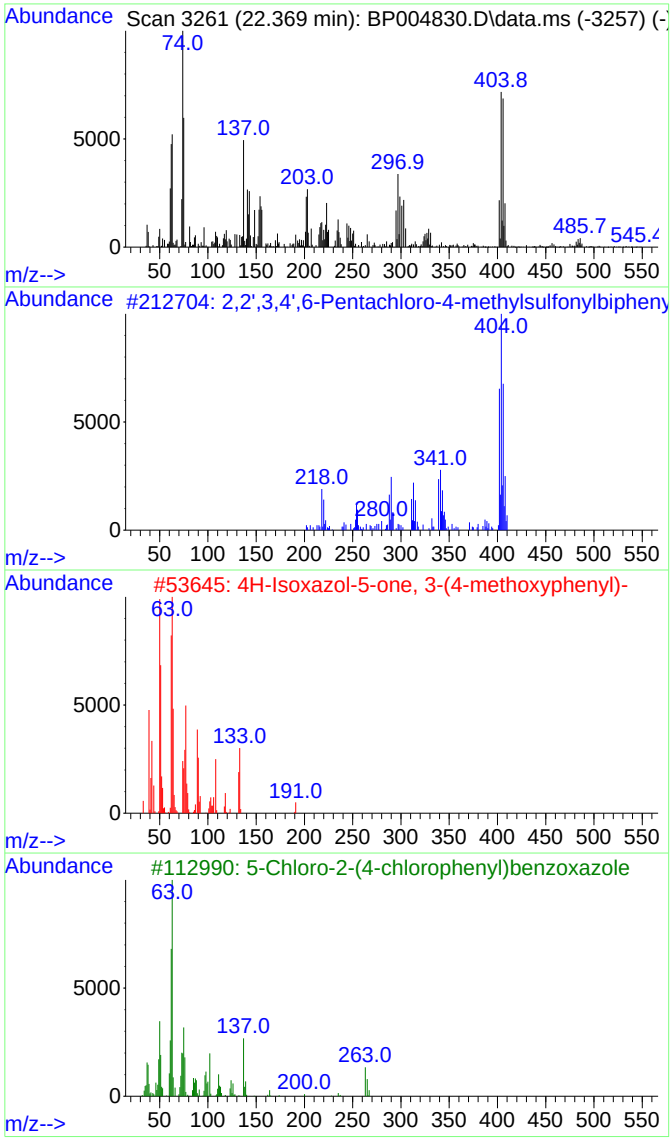
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

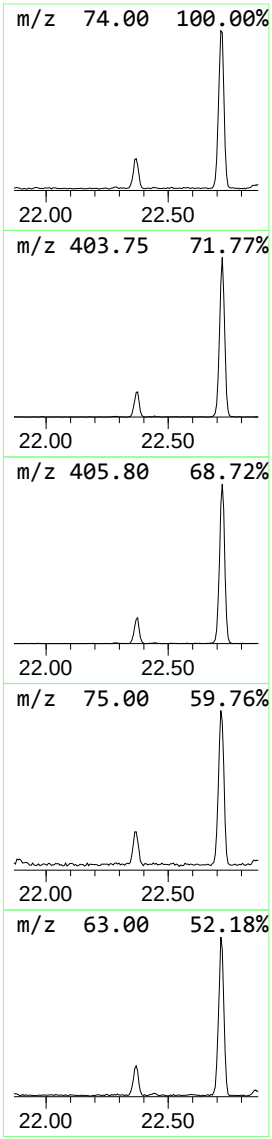
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,2',3,4',6-Pentachloro-4-m... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.369	2.39 ng	229949	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-4-methyl...	402	C13H7Cl5O2S	149949-87-1	52
2	4H-Isoxazol-5-one, 3-(4-methoxyp...	191	C10H9NO3	1000310-86-7	28
3	5-Chloro-2-(4-chlorophenyl)benzo...	263	C13H7Cl2NO	000955-77-1	28
4	2-Allyl-6-(4-methoxy-2-nitrophen...	312	C17H16N2O4	299968-23-3	14
5	3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	12





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Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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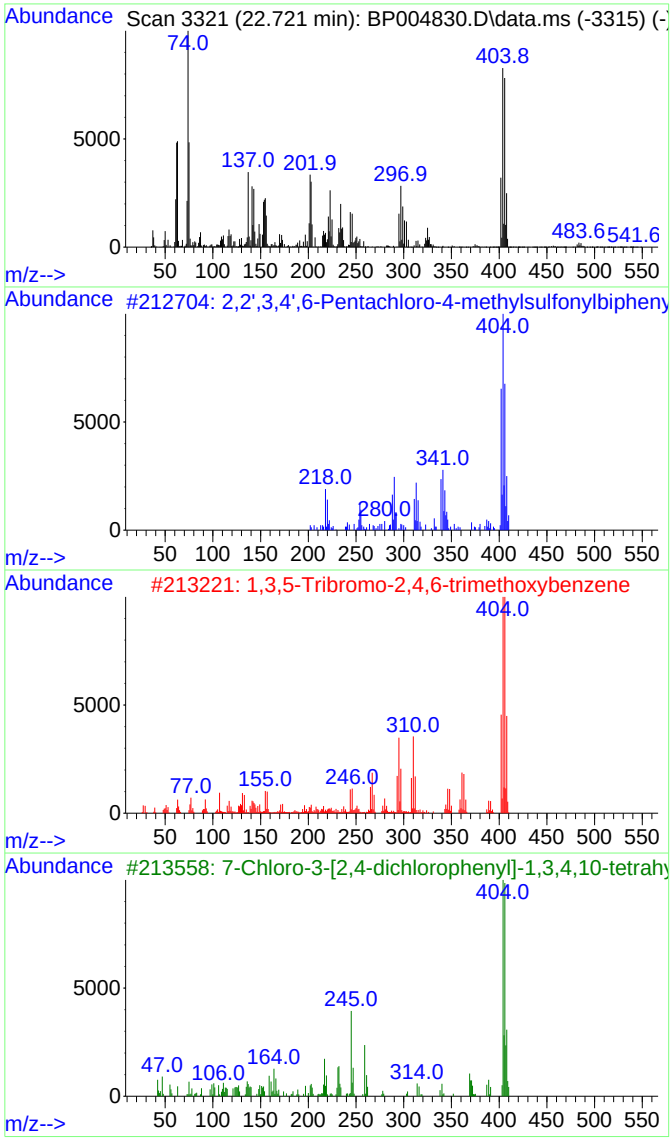
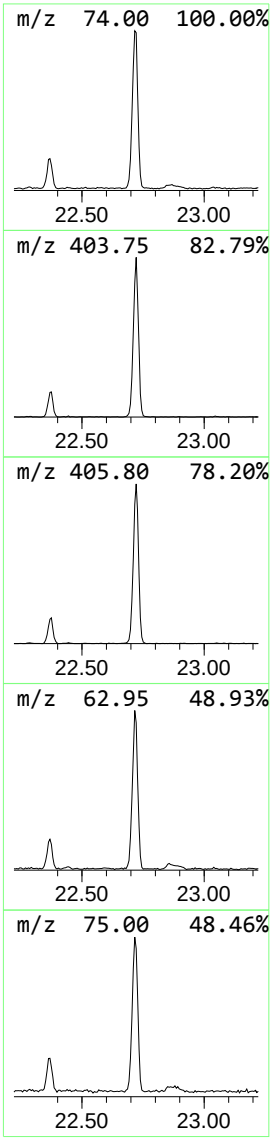
Peak Number 19 unknown22.721 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.721	39.43 ng	1343310	Perylene-d12	23.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-4-methyl...	402	C13H7Cl5O2S	149949-87-1	42
2	1,3,5-Tribromo-2,4,6-trimethoxyb...	402	C9H9Br3O3	105404-90-8	25
3	7-Chloro-3-[2,4-dichlorophenyl]-...	404	C20H15Cl3N2O	1000212-48-7	14
4	4-[5-(6-Butyl-2-chloro-4-pyrimid...	446	C20H16Cl2N4S2	131022-86-1	9
5	2,3,9,10-Tetracyanodibenzo(5,5a,...	406	C24H6N8	055408-54-3	8





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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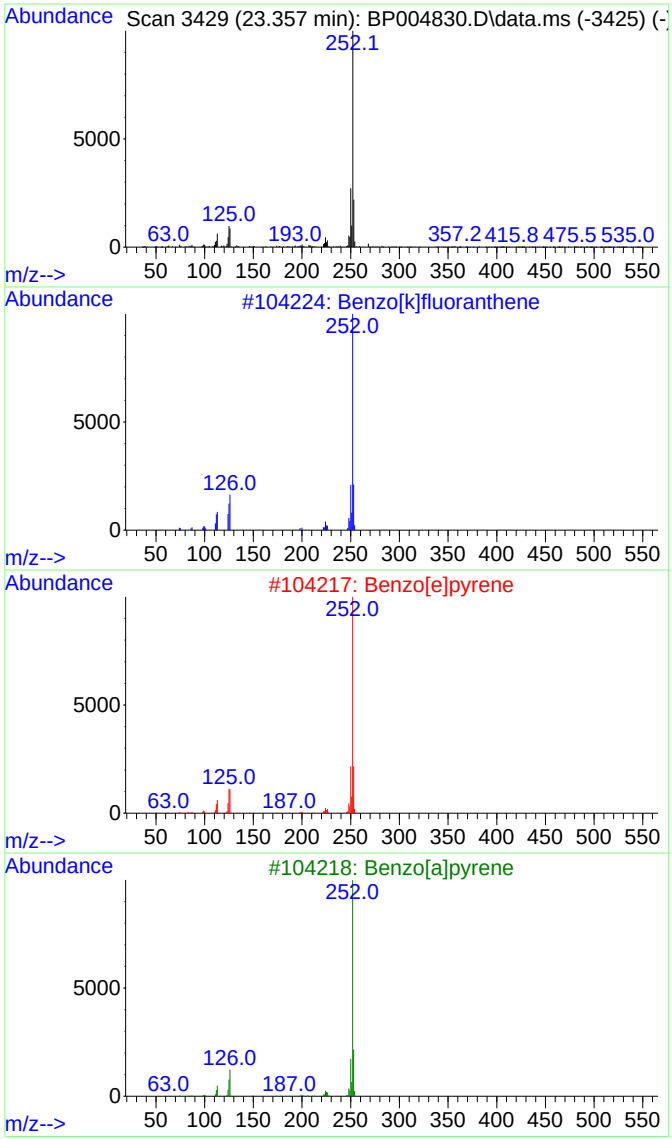
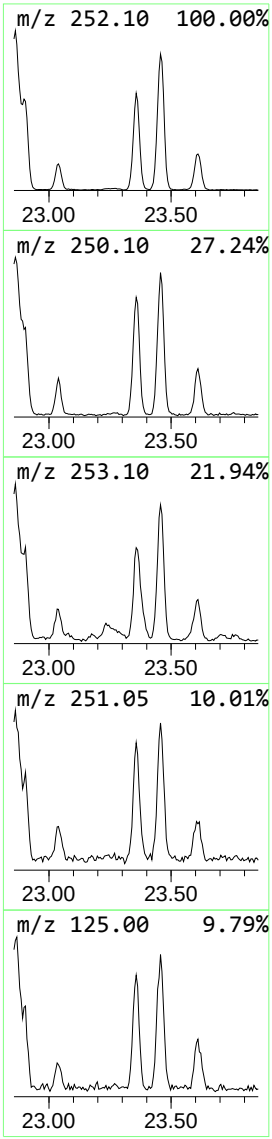
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.357	12.24 ng	417060	Perylene-d12	23.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004830.D
Acq On : 19 Feb 2021 19:48
Operator : CG/JU
Sample : M1440-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-227-233-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.893	2.0	ng	35667	1	7.763	350101	20.0
2,7-Oxepanedione	12.340	22.0	ng	486955	2	10.552	443230	20.0
Benzene, 1,3-di...	12.722	2.1	ng	55626	3	14.410	530281	20.0
Benzene, 2,4-di...	12.787	3.3	ng	88681	3	14.410	530281	20.0
unknown15.798	15.798	2.2	ng	67146	4	17.163	607799	20.0
Dibenzothiophene	16.981	2.2	ng	67891	4	17.163	607799	20.0
Phenanthrene, 1...	18.033	2.5	ng	77115	4	17.163	607799	20.0
n-Hexadecanoic ...	18.063	2.1	ng	65158	4	17.163	607799	20.0
4H-Cyclopenta[d...	18.227	5.7	ng	174182	4	17.163	607799	20.0
Naphthalene, 2-...	18.522	2.0	ng	61166	4	17.163	607799	20.0
Phenanthrene, 3...	18.927	2.0	ng	61199	4	17.163	607799	20.0
Cyclopenta(def)...	19.057	2.2	ng	66351	4	17.163	607799	20.0
Triphenyl phosp...	20.692	8.0	ng	775389	5	21.251	1927690	20.0
Cetene	20.963	4.4	ng	428363	5	21.251	1927690	20.0
Dibromophenyl e...	21.386	12.1	ng	1161460	5	21.251	1927690	20.0
2,2',3,4',6-Pen...	22.369	2.4	ng	229949	5	21.251	1927690	20.0
unknown22.721	22.721	39.4	ng	1343310	6	23.557	681285	20.0
Benzo[e]pyrene	23.357	12.2	ng	417060	6	23.557	681285	20.0