LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

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\8270-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.946	23	27	38	rVB	51241	75040	2.60%	0.252%
2	4.799	337	342	348	rBV	46108	62546	2.17%	0.210%
3	5.257	415	420	434	rVB	167324	255120	8.84%	0.856%
4	6.828	681	687	702	rBV	197683	322337	11.17%	1.081%
5	7.175	739	746	757	rVB	191585	302814	10.49%	1.016%
6	7.634	817	824	833	rBV	200680	326741	11.32%	1.096%
7	7.951	870	878	889	rBV	144095	238470	8.26%	0.800%
8	8.781	1012	1019	1031	rBV	110468	205907	7.14%	0.691%
9	10.410	1288	1296	1302	rBV	263212	452234	15.67%	1.517%
10	12.892	1711	1718	1728	rBV	263381	414794	14.38%	1.391%
11	13.745	1857	1863	1873	rBV	20491	38156	1.32%	0.128%
12	13.998	1898	1906	1918	rBV	81375	149813	5.19%	0.503%
13	14.280	1947	1954	1962	rBV	430662	657336	22.78%	2.205%
14	15.780	2198	2209	2222	rBV	176983	283658	9.83%	0.951%
15	17.039	2417	2423	2427	rBV	523873	773630	26.81%	2.595%
16	17.086	2427	2431	2437	rVV	239664	352908	12.23%	1.184%
17	17.174	2439	2446	2453	rVV	129698	201108	6.97%	0.675%
18	17.915	2565	2572	2576	rBV	36741	52786	1.83%	0.177%
19	17.963	2576	2580	2587	rVB	51397	76469	2.65%	0.256%
20	18.045	2587	2594	2599	rBV2	31220	49656	1.72%	0.167%
21	18.104	2599	2604	2609	rVV2	149653	242104	8.39%	0.812%
22	18.145	2609	2611	2618	rVB	34311	39934	1.38%	0.134%
23	18.410	2652	2656	2660	rBV	56756	67441	2.34%	0.226%
24	18.815	2720	2725	2731	rBV4	35830	66962	2.32%	0.225%
25	18.945	2743	2747	2755	rVV	71769	110145	3.82%	0.369%
26	19.074	2762	2769	2775	rBV	2131350	2885384	100.00%	9.678%
27	19.162	2781	2784	2788	rVB	32336	39501	1.37%	0.132%
28	19.210	2788	2792	2796	rBV	50249	63328	2.19%	0.212%
29	19.304	2801	2808	2818	rVB2	76768	145193	5.03%	0.487%
30	19.421	2818	2828	2836	rBV	1887491	2878571	99.76%	9.656%
31	19.492	2836	2840	2847	rVB3	48279	77741	2.69%	0.261%
32	19.598	2853	2858	2859	rBV	84298	101352	3.51%	0.340%
33	19.627	2859	2863	2866	rVV	408575	471820	16.35%	1.583%
34	19.745	2876	2883	2888	rBV3	85846	208496	7.23%	0.699%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

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\8270-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.786	2888	2890	2894	rVB2	23281	30978	1.07%	0.104%
36	19.868	2900	2904	2906	rBV4	64951	87008	3.02%	0.292%
37	19.904	2907	2910	2915	rVB	175390	234730	8.14%	0.787%
38	20.004	2923	2927	2931	rBV	132297	165039	5.72%	0.554%
39	20.057	2931	2936	2941	rBV2	106645	168058	5.82%	0.564%
40	20.198	2956	2960	2963	rVV	52529	65860	2.28%	0.221%
41	20.239	2963	2967	2972	rVV3	57732	80919	2.80%	0.271%
42	20.445	2999	3002	3006	rBV5	21273	39734	1.38%	0.133%
43	20.639	3031	3035	3043	rVB	91266	139365	4.83%	0.467%
44	20.798	3056	3062	3065	rBV	188070	272444	9.44%	0.914%
45	20.839	3065	3069	3072	rVV	149415	209579	7.26%	0.703%
46	20.874	3072	3075	3081	rVV2	206563	422294	14.64%	1.416%
47	20.927	3081	3084	3094	rVB2	128587	207208	7.18%	0.695%
48	21.033	3095	3102	3107	rBV	61830	137737	4.77%	0.462%
49	21.104	3111	3114	3115	rVV	70115	75117	2.60%	0.252%
50	21.139	3115	3120	3125	rVV3	1315655	2511471	87.04%	8.424%
51	21.186	3125	3128	3137	rVB	1010216	1254223	43.47%	4.207%
52	21.298	3143	3147	3149	rBV	150665	175875	6.10%	0.590%
53	21.345	3153	3155	3161	rVV	104761	130897	4.54%	0.439%
54	21.404	3162	3165	3169	rVB2	60691	75278	2.61%	0.253%
55	21.451	3169	3173	3179	rBV3	120188	174147	6.04%	0.584%
56	21.639	3202	3205	3207	rBV	29162	35496	1.23%	0.119%
57	21.692	3208	3214	3218	rVV	97644	178332	6.18%	0.598%
58	21.756	3220	3225	3230	rVB2	155903	223299	7.74%	0.749%
59	21.892	3244	3248	3250	rBV	67047	91911	3.19%	0.308%
60	21.921	3250	3253	3260	rVB3	79994	120334	4.17%	0.404%
61	22.221	3300	3304	3311	rVB2	213478	321715	11.15%	1.079%
62	22.462	3340	3345	3355	rVB3	68058	148204	5.14%	0.497%
63	22.621	3370	3372	3380	rVB	40203	57157	1.98%	0.192%
64	22.721	3381	3389	3400	rBV	887836	2759856	95.65%	9.257%
65	22.880	3411	3416	3424	rVB	160901	270341	9.37%	0.907%
66	23.015	3435	3439	3442	rBV3	41621	70953	2.46%	0.238%
67	23.192	3463	3469	3478	rVB	485157	920688	31.91%	3.088%
68	23.286	3478	3485	3495	rBV	753246	1587631	55.02%	5.325%
69	23.380	3495	3501	3505	rVV	251697	504665	17.49%	1.693%
70	23.433	3505	3510	3519	rVB	231070	470118	16.29%	1.577%
71	23.968	3597	3601	3607	rVB	97649	178146	6.17%	0.598%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

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\8270-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	24.733	3725	3731	3748	rVB5	72194	207688	7.20%	0.697%
73	25.639	3875	3885	3895	rVB	377138	1102693	38.22%	3.699%
74	25.897	3924	3929	3936	rVB2	52774	130025	4.51%	0.436%
75	26.327	3993	4002	4020	rVB	269047	799071	27.69%	2.680%
76	26.680	4056	4062	4079	rVB4	85158	286787	9.94%	0.962%

Sum of corrected areas: 29812566

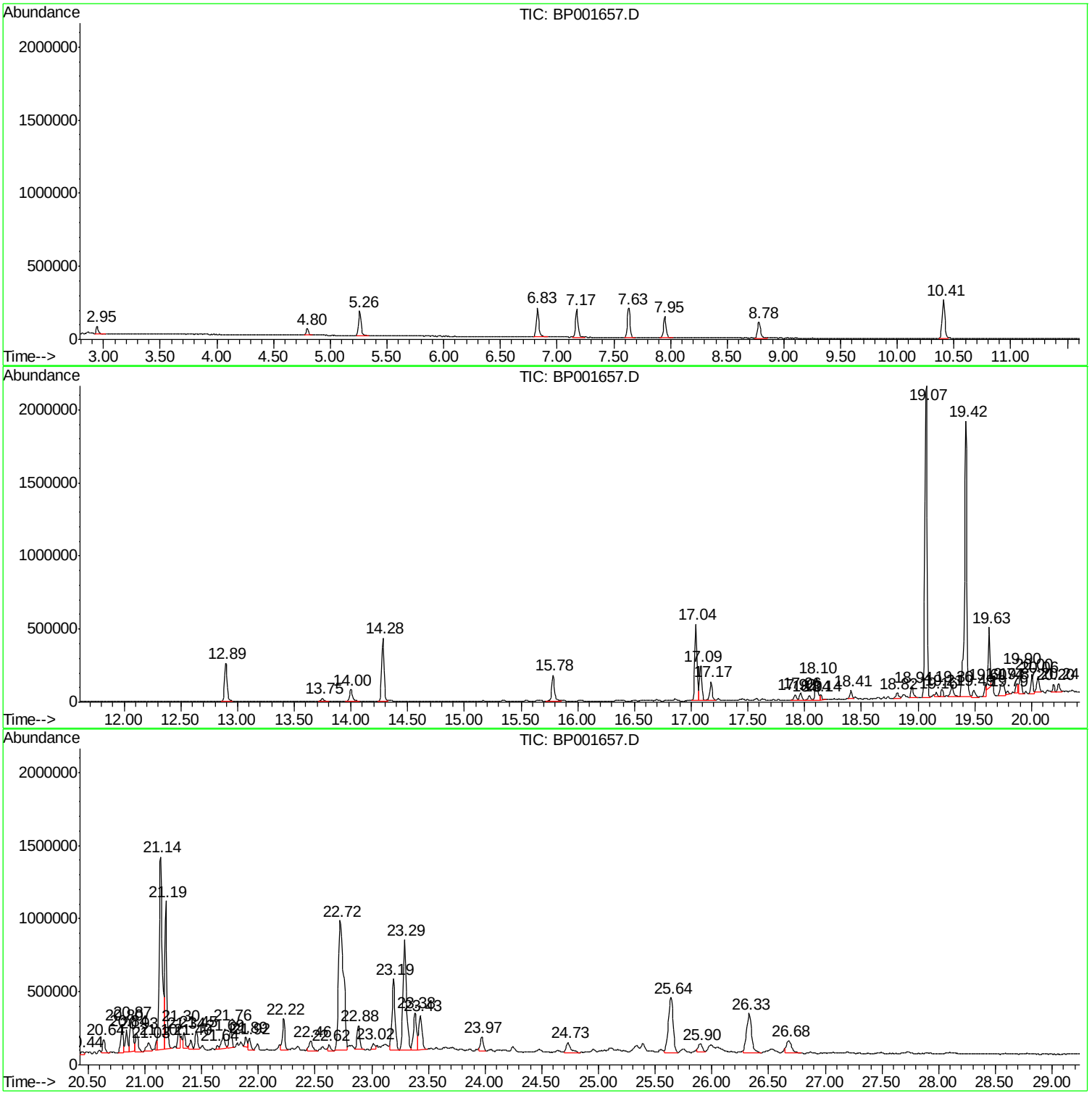
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

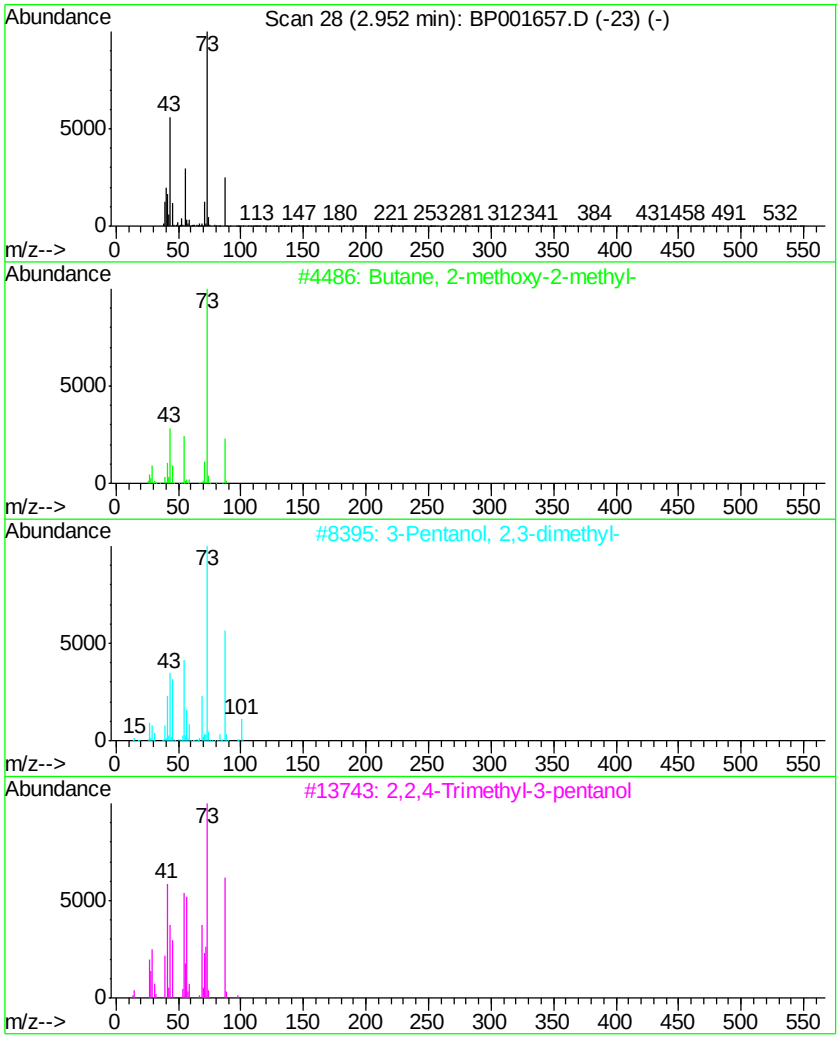
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

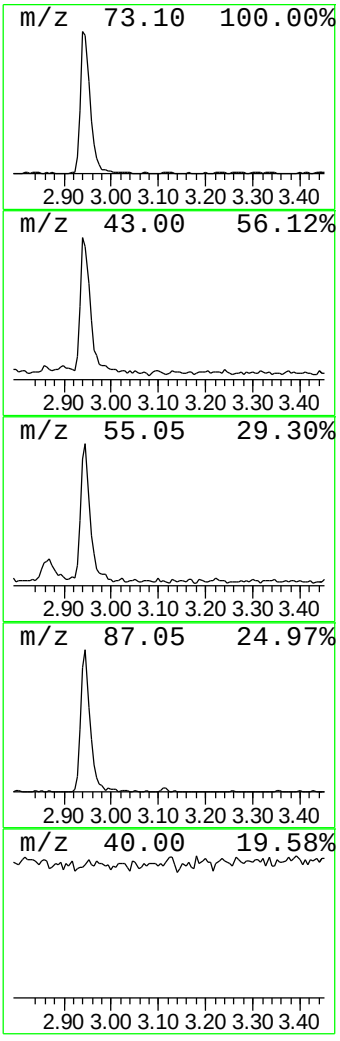
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	4.59 ng	75040	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	2-Butanol, 3-bromo-, acetate	194	C6H11BrO2	005798-81-2	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

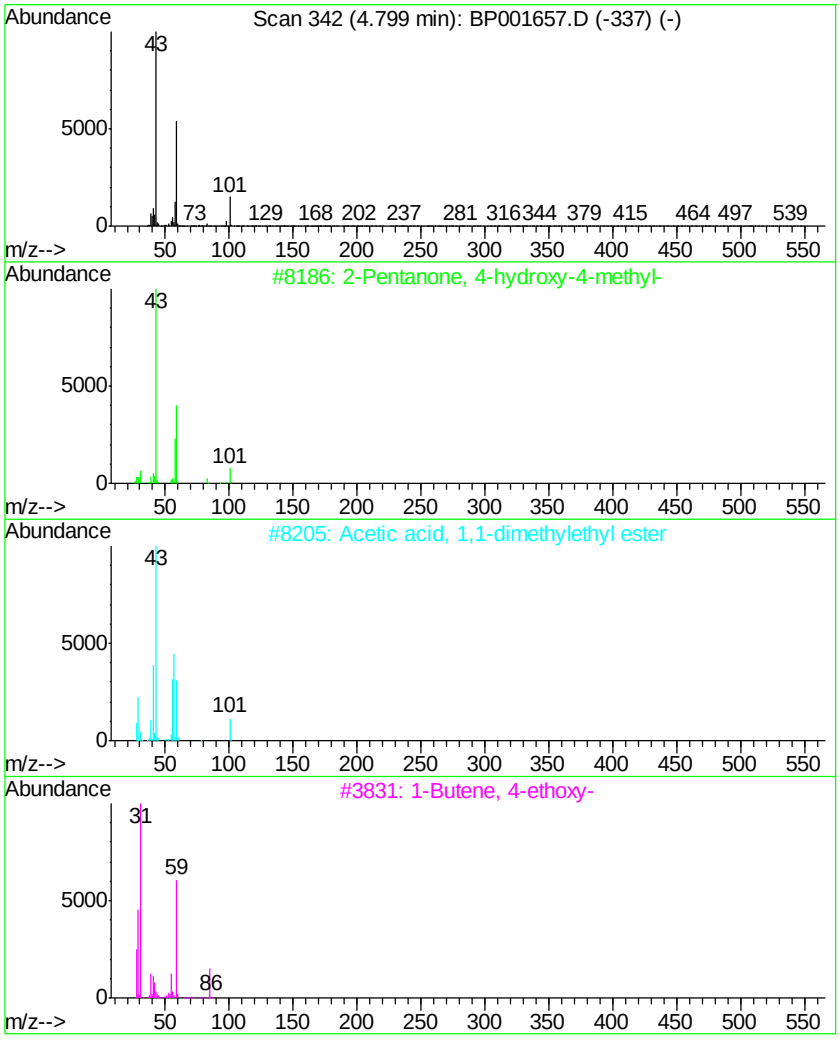
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

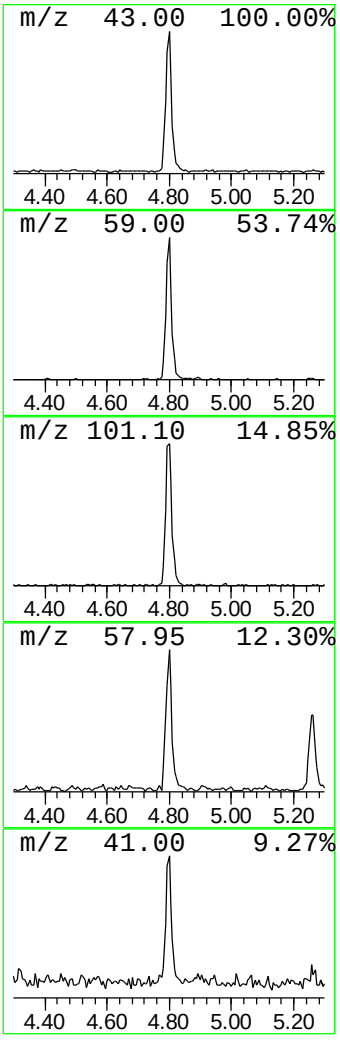
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	3.83 ng	62546	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23
4	1,2-Butanediol	90	C4H10O2	000584-03-2	9
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

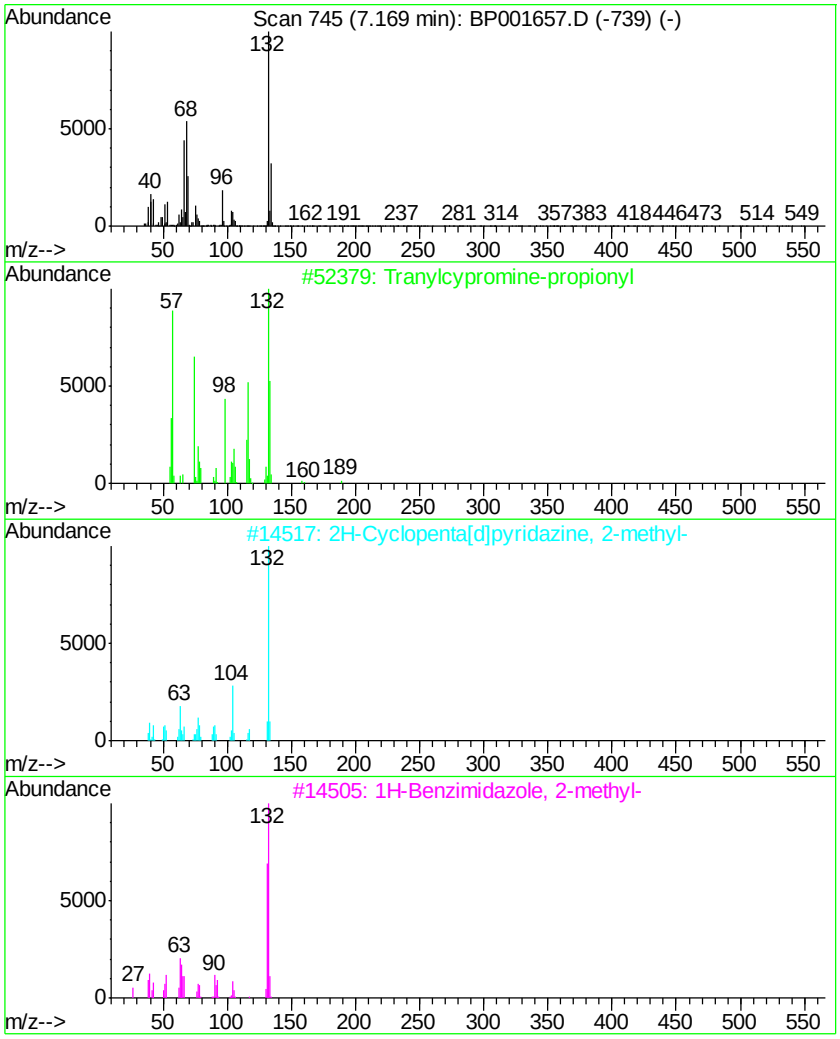
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

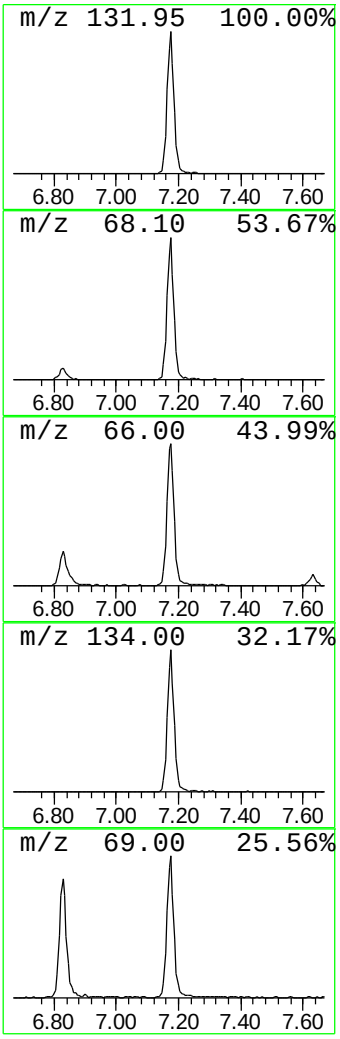
****

Peak Number 3 unknown7.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	18.54 ng	302814	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	14
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

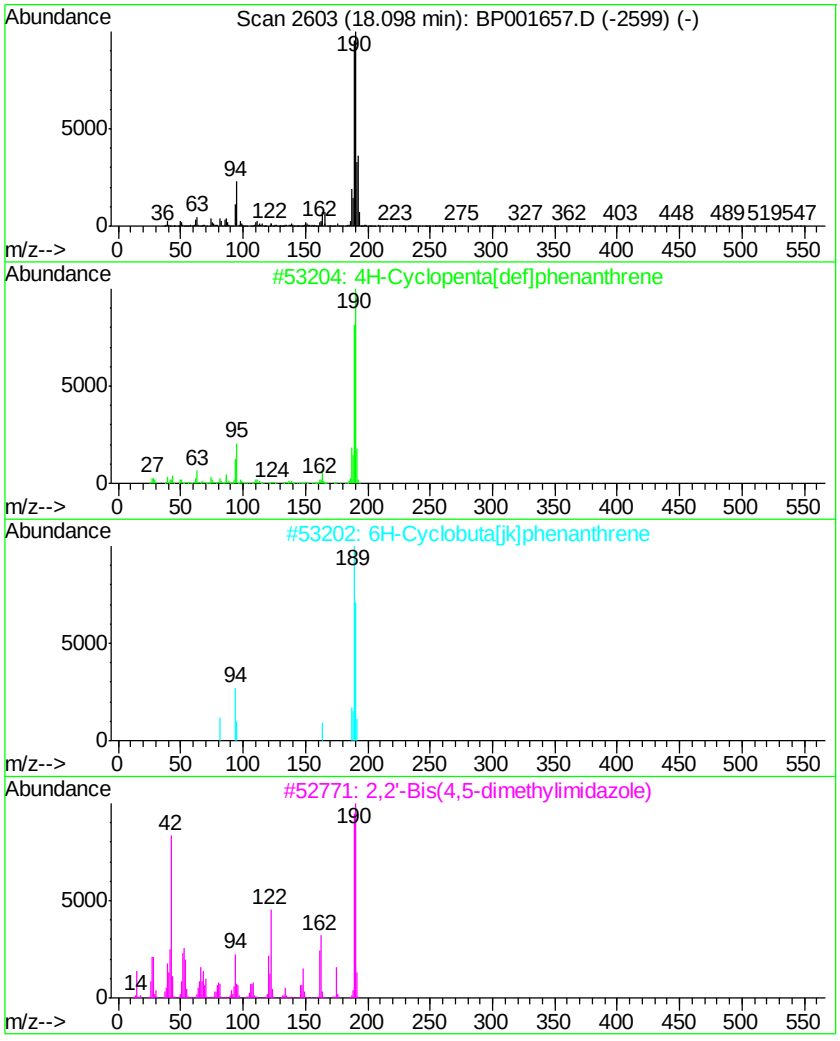
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

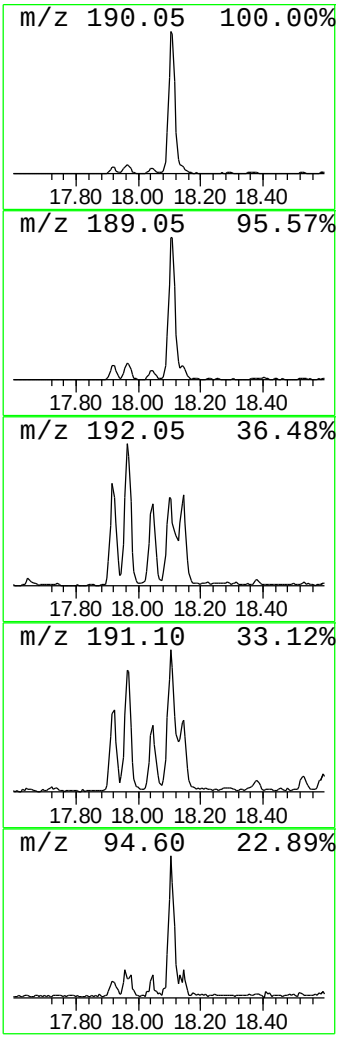
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	6.26 ng	242104	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

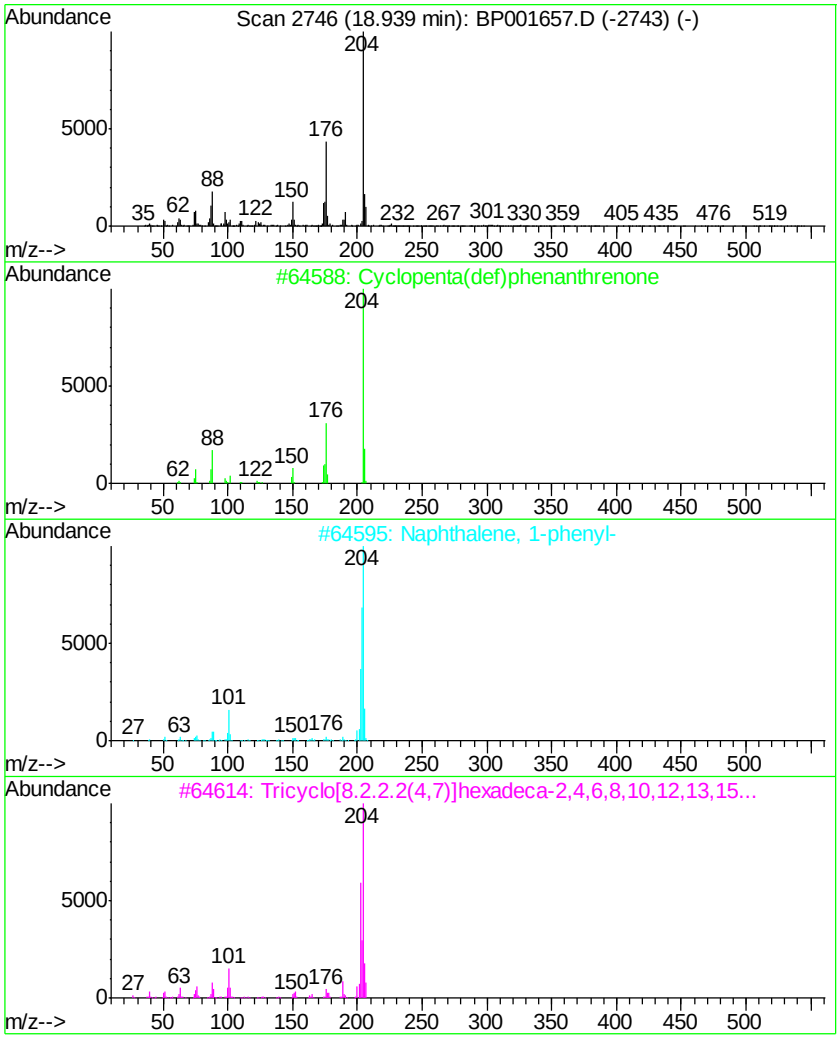
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

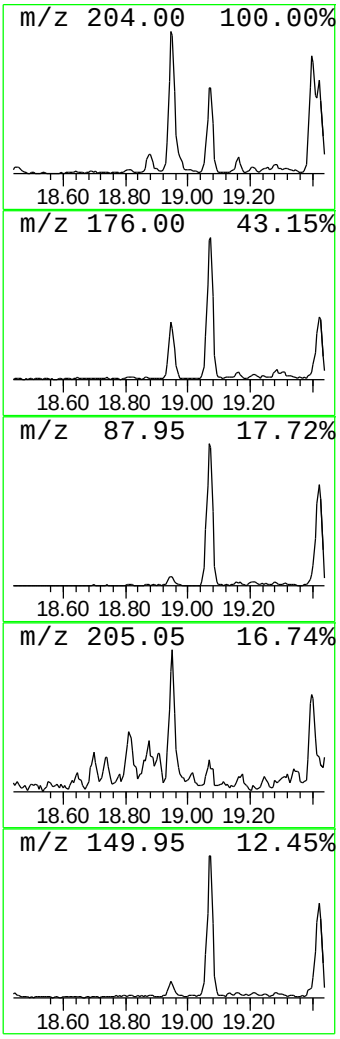
****

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.85 ng	110145	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
4	2,2,4,4,6,6-Hexamethylcyclotrisi...	219	C6H21N3Si3	001009-93-4	46
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

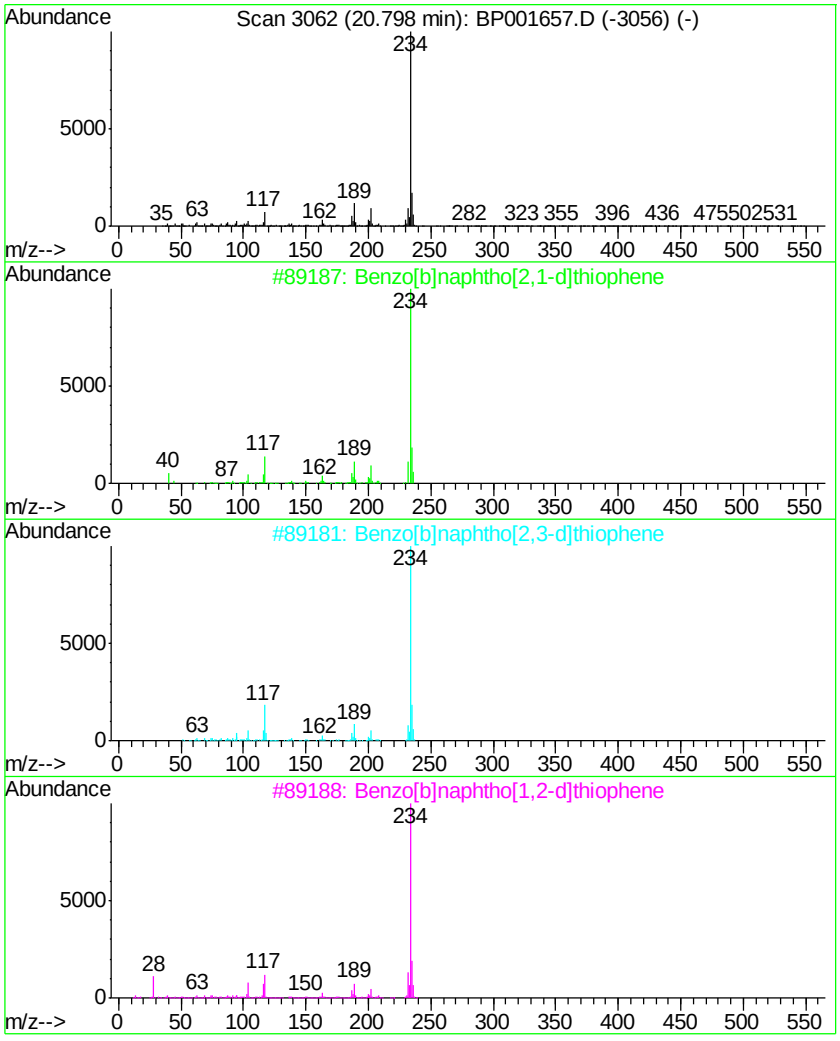
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

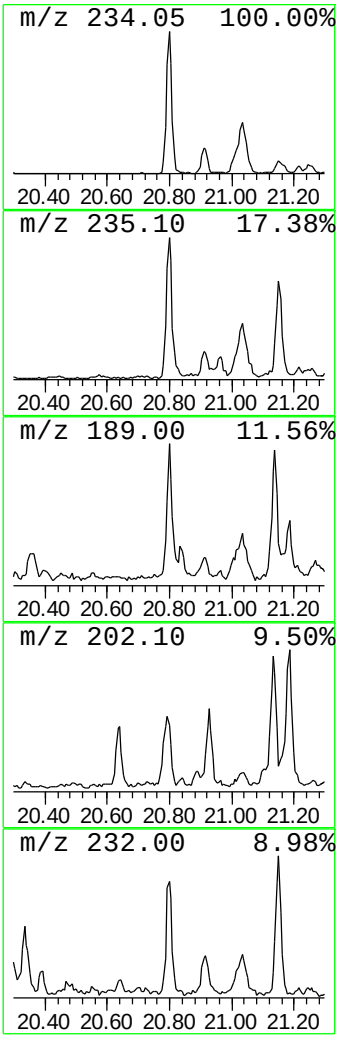
****

Peak Number 7 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.17 ng	272444	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	86
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

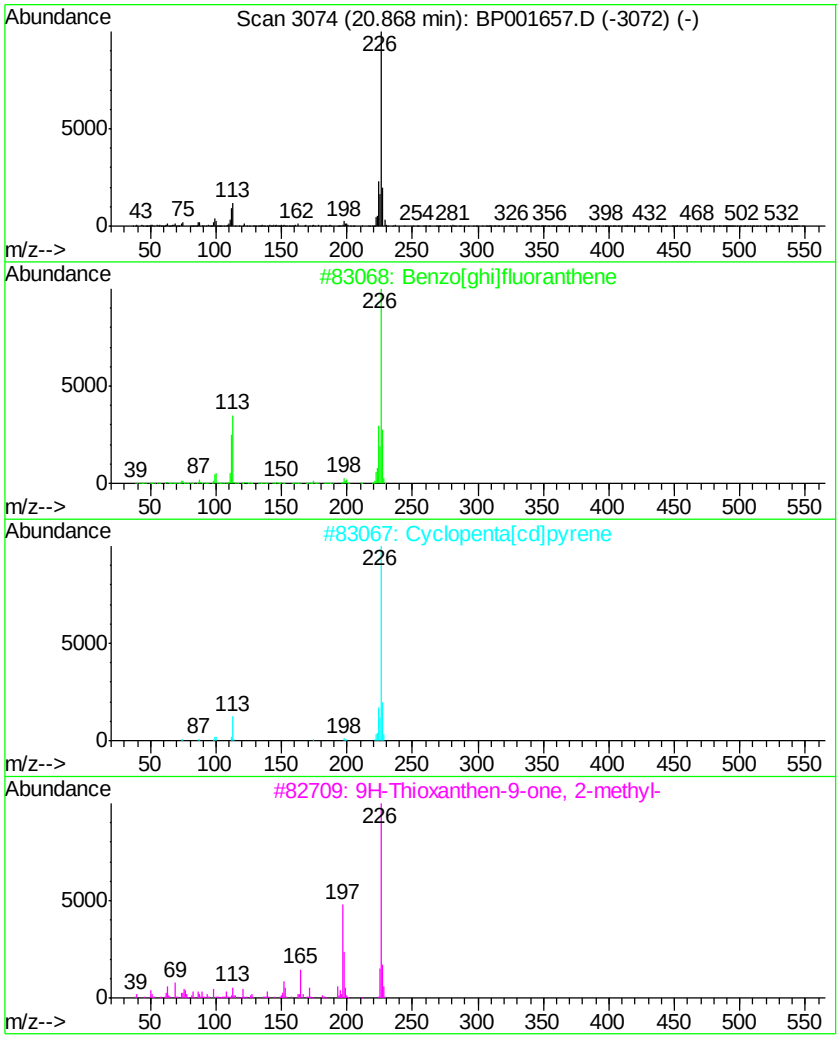
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

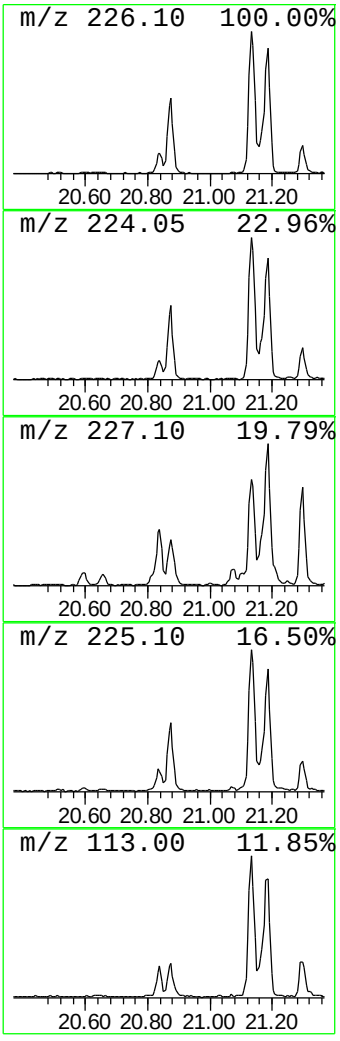
****

Peak Number 8 Benzo[ghi]fluoranthene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.36 ng	422294	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	86
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	53
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
5	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	43





Library Search Compound Report

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Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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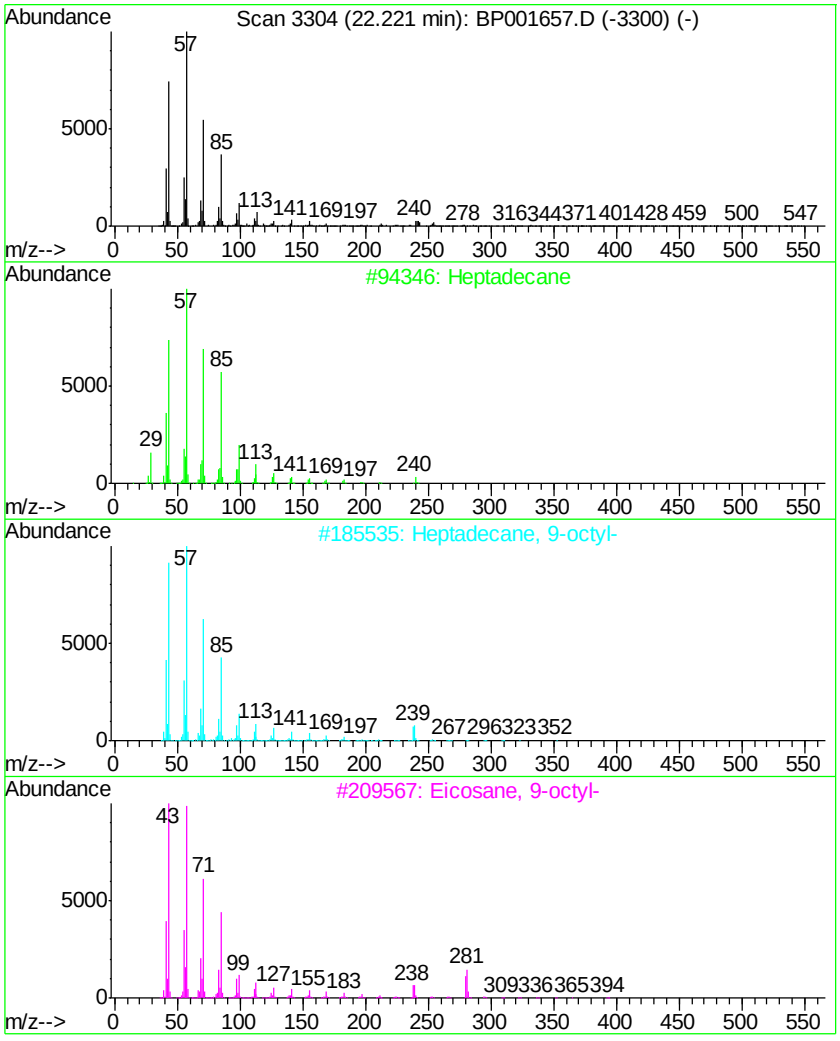
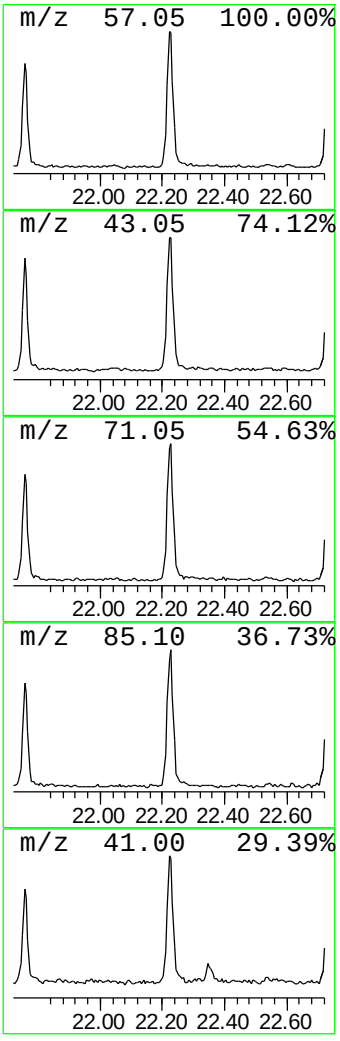
Peak Number 9 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.56 ng	321715	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

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Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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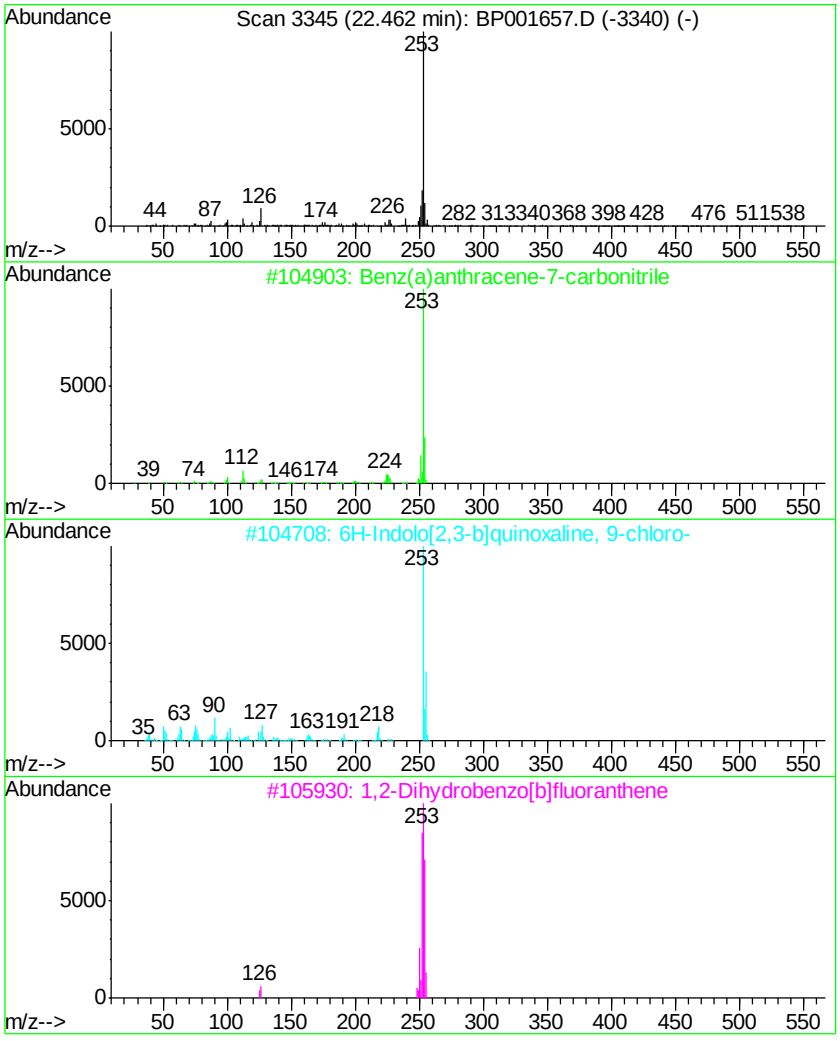
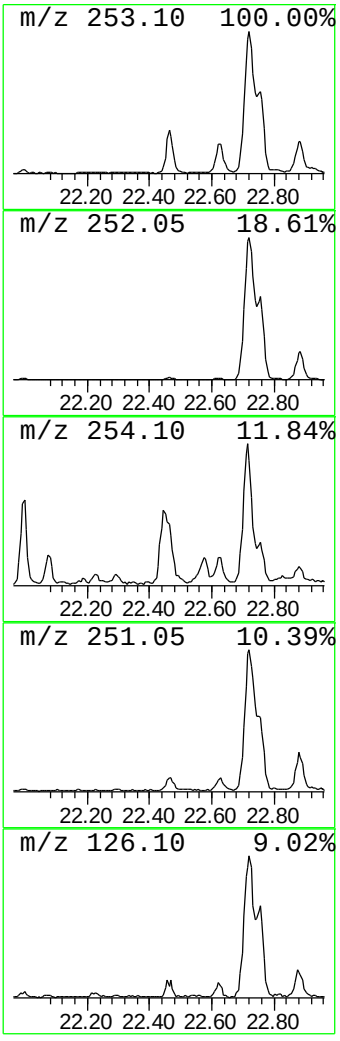
Peak Number 10 Benz(a)anthracene-7-carboni... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	5.87 ng	148204	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	53
2	6H-Indolo[2,3-b]quinoxaline, 9-c...	253	C14H8ClN3	1000304-55-7	33
3	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	23
4	Succinic acid, di(2-phenylphenyl...	422	C28H22O4	1000330-01-1	10
5	5-Methyl-2-(N-ethyl-p-chlorophen...	254	C12H15ClN2S	075220-53-0	10





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Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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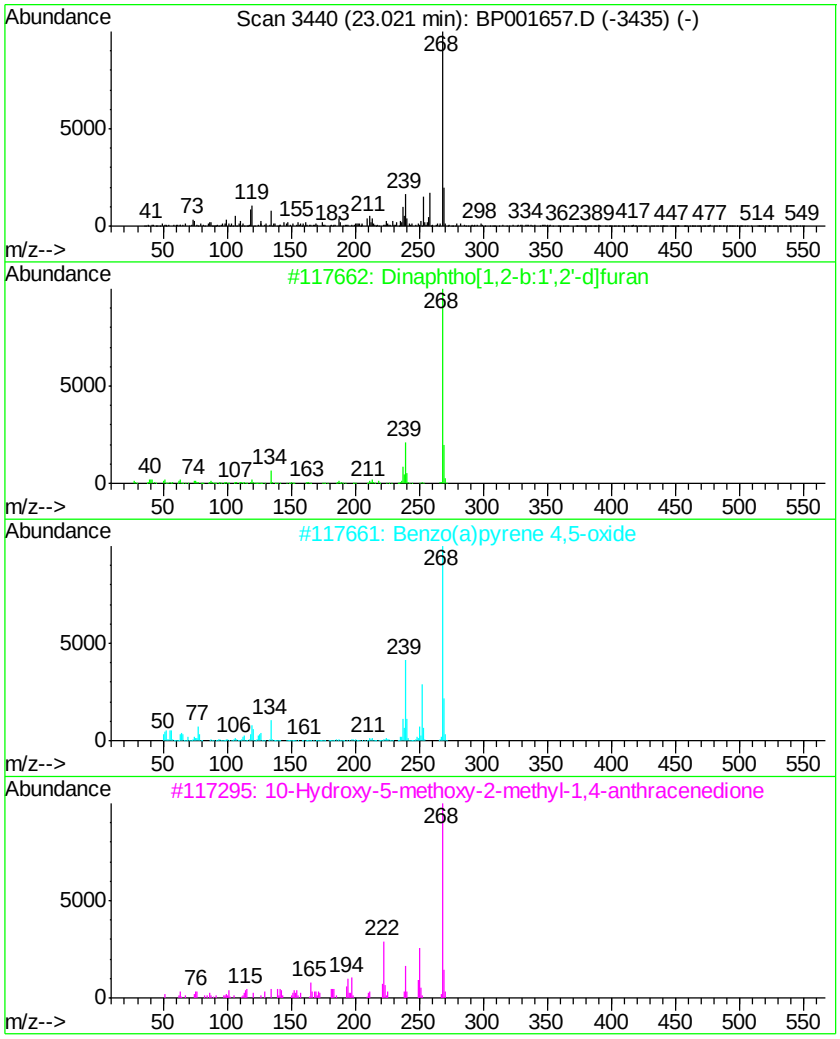
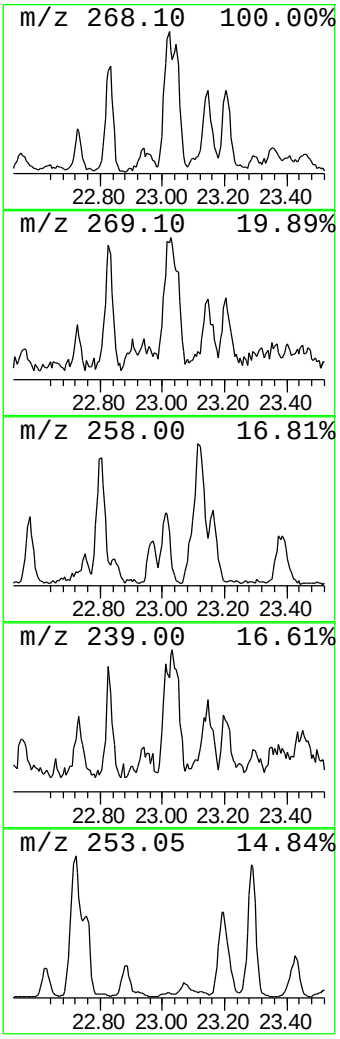
Peak Number 13 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	2.81 ng	70953	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	72
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
3	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	58
4	9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	53
5	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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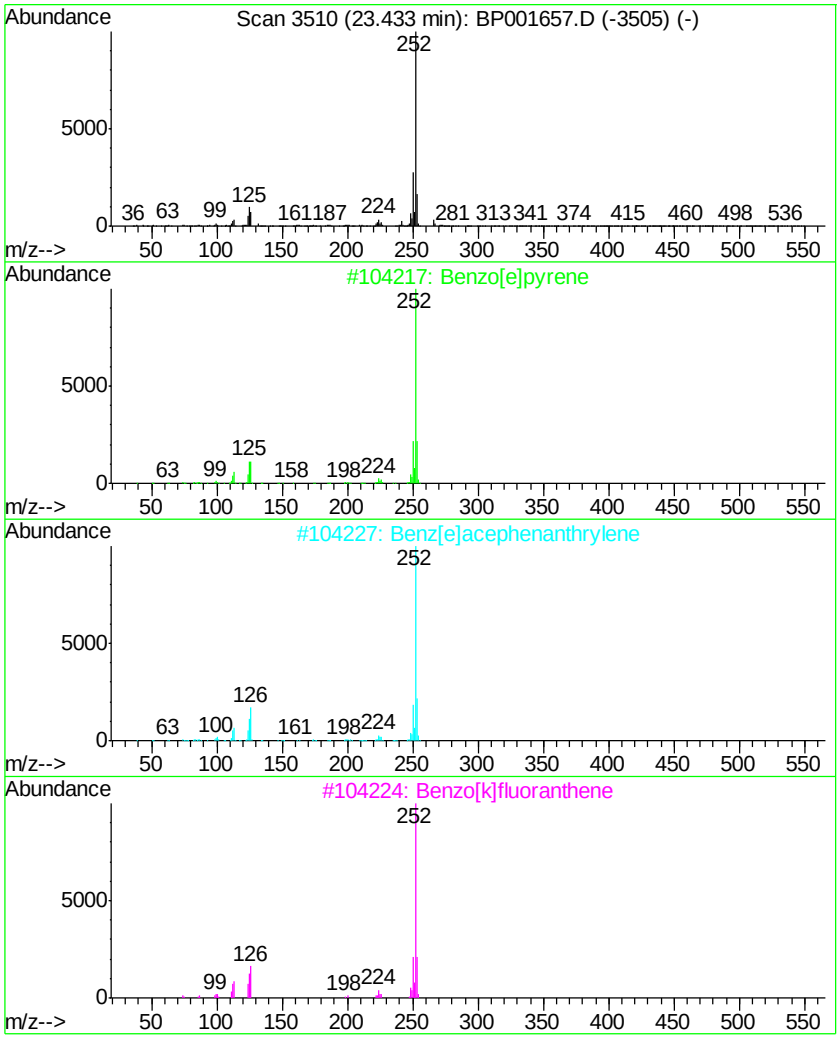
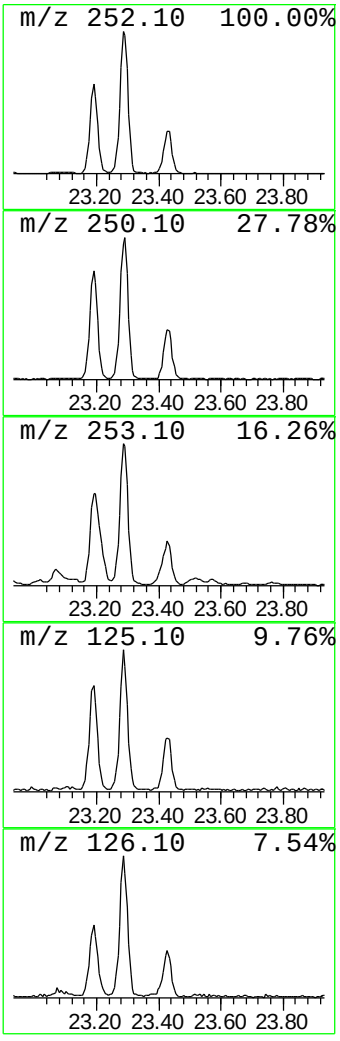
Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.43	18.63 ng	470118	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Library Search Compound Report

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Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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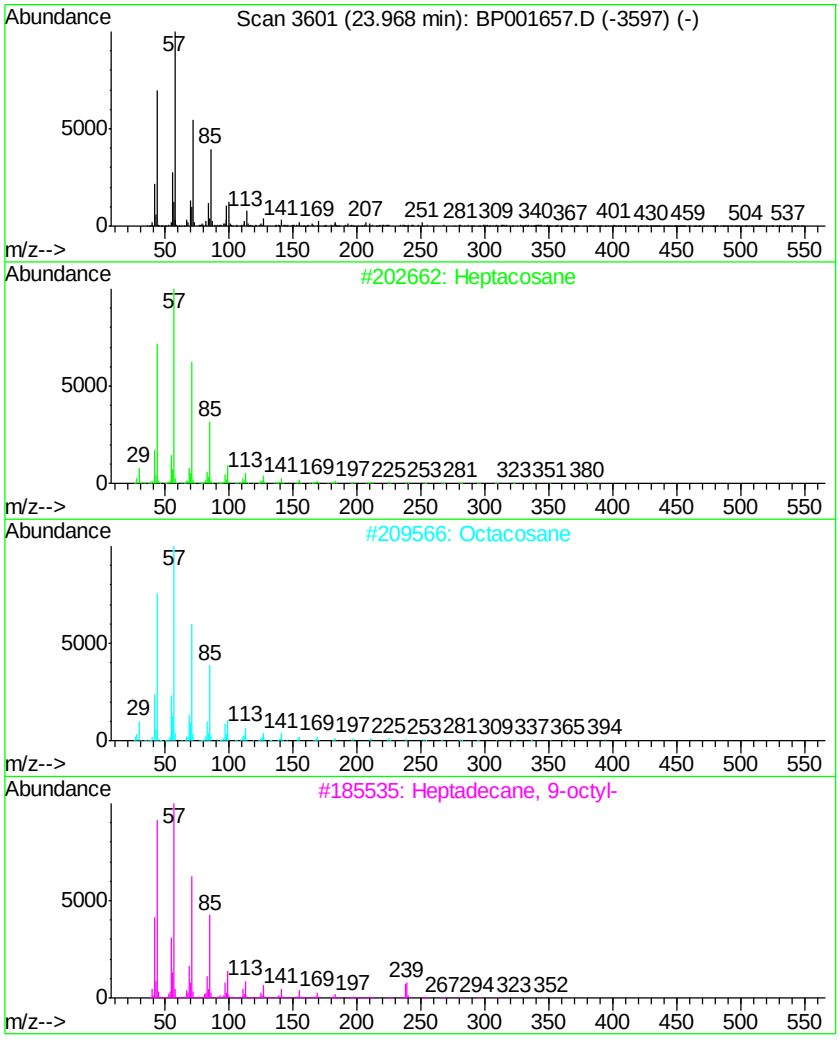
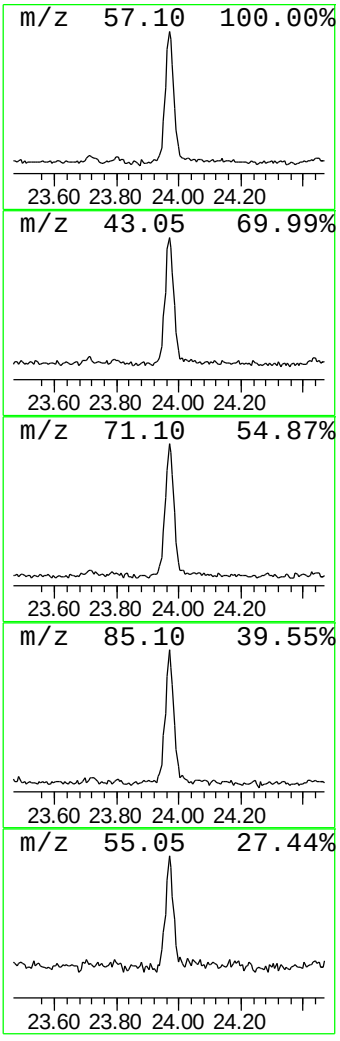
Peak Number 16 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	7.06 ng	178146	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Octacosane	394	C28H58	000630-02-4	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Tetradecane	198	C14H30	000629-59-4	83





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Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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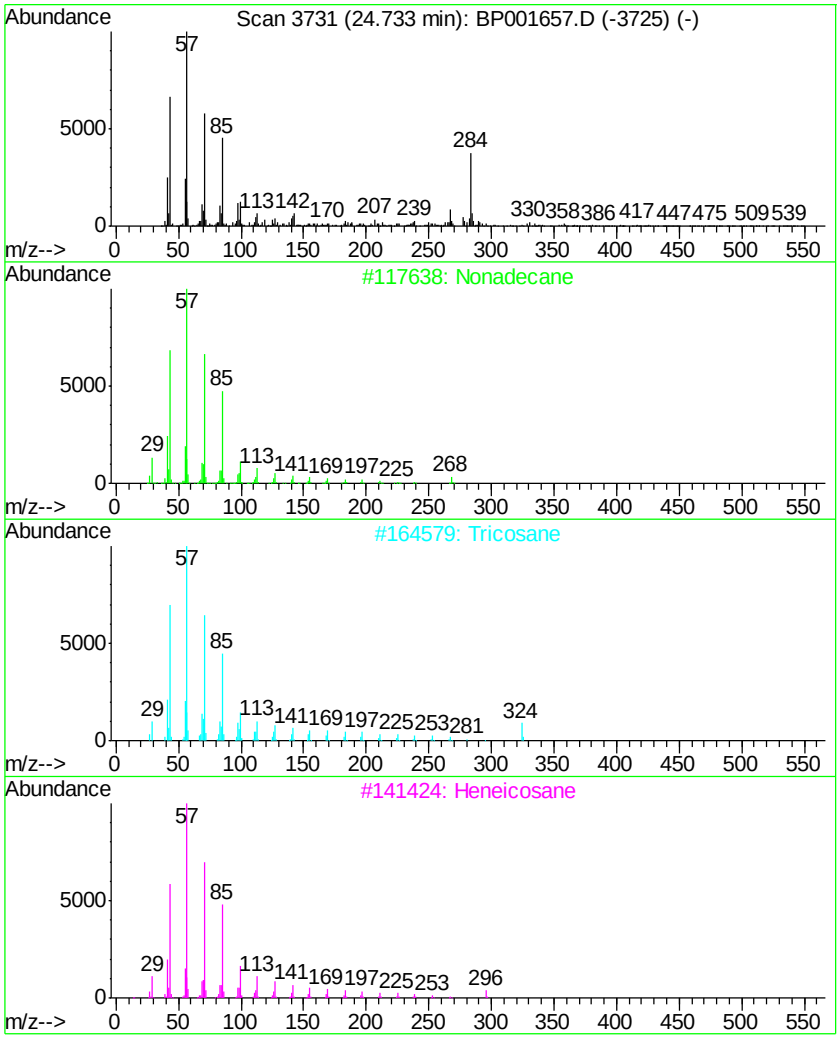
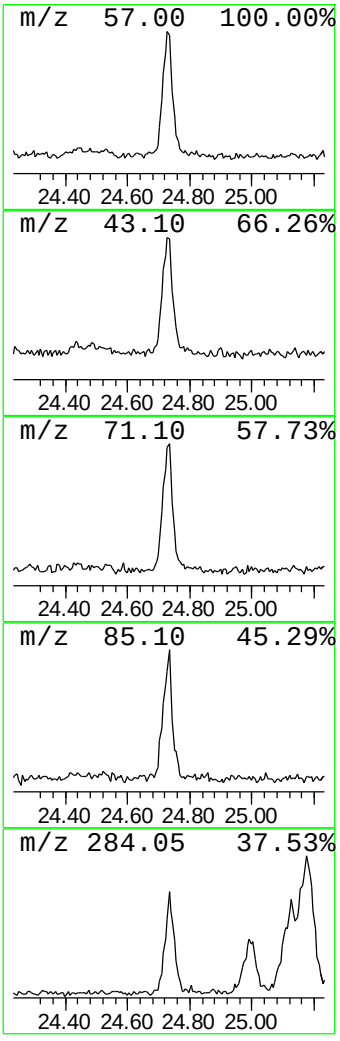
Peak Number 17 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	8.23 ng	207688	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tricosane	324	C23H48	000638-67-5	89
3	Heneicosane	296	C21H44	000629-94-7	76
4	Octacosane	394	C28H58	000630-02-4	76
5	Eicosane	282	C20H42	000112-95-8	70





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Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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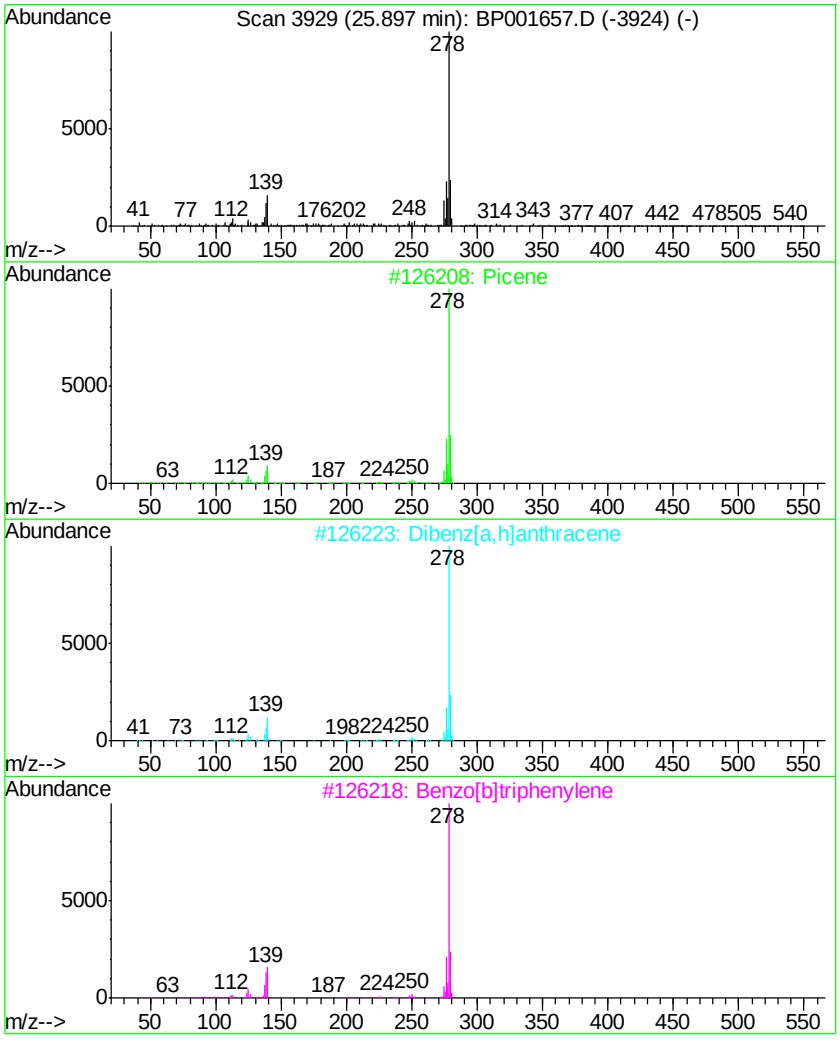
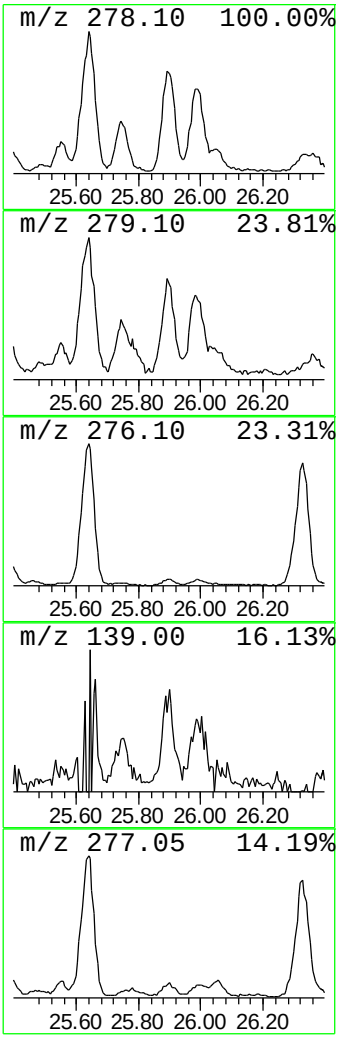
Peak Number 18 Picene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.90	5.15 ng	130025	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4	Benzo[b]chrysene	278	C22H14	000214-17-5	93
5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	76





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Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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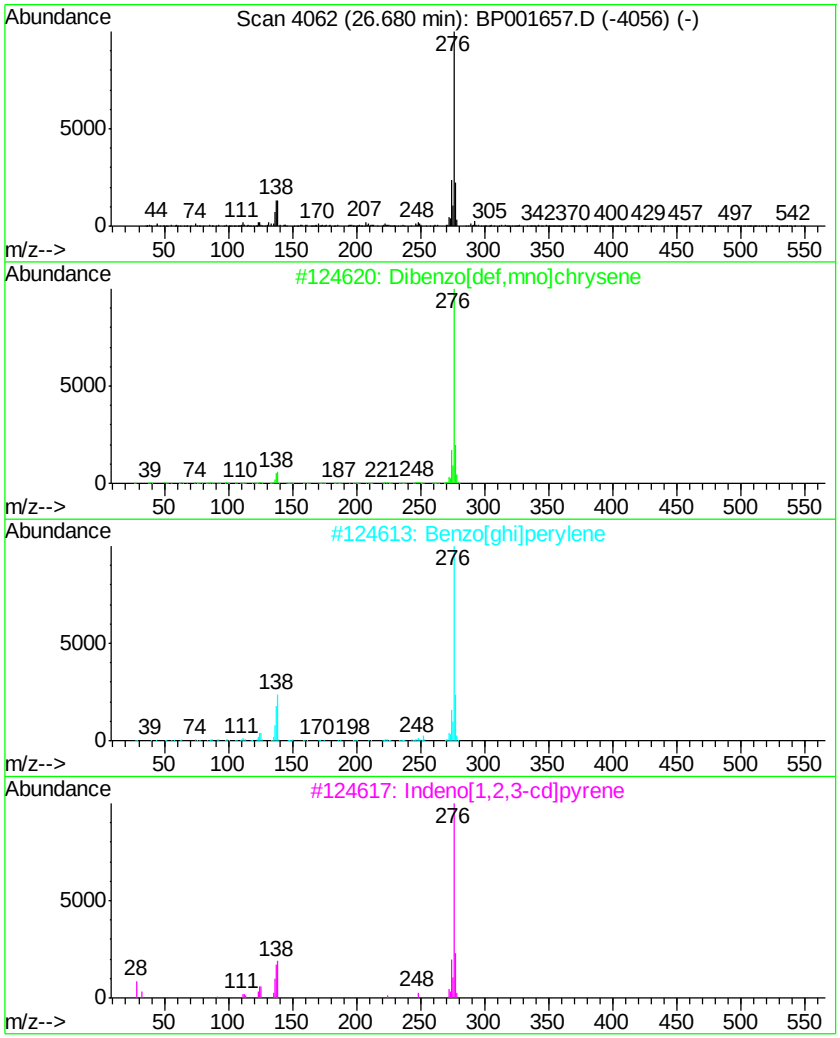
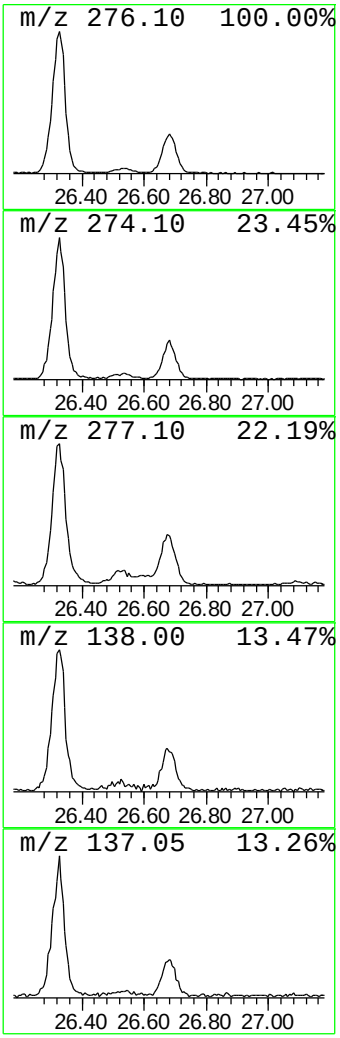
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.68	11.37 ng	286787	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
Data File : BP001657.D
Acq On : 17 Jan 2020 15:05
Operator : JU
Sample : L1108-06 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : INWOOD-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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
Butane, 2-methoxy...	2.95	4.6	ng	75040	1	7.63	326741	20.0
2-Pentanone, 4-hy...	4.80	3.8	ng	62546	1	7.63	326741	20.0
unknown7.17	7.17	18.5	ng	302814	1	7.63	326741	20.0
4H-Cyclopenta[def...	18.10	6.3	ng	242104	4	17.04	773630	20.0
Cyclopenta(def)ph...	18.94	2.9	ng	110145	4	17.04	773630	20.0
Benzo[b]naphtho[2...	20.80	2.2	ng	272444	5	21.15	2511470	20.0
Benzo[ghi]fluoran...	20.87	3.4	ng	422294	5	21.15	2511470	20.0
Heptadecane	22.22	2.6	ng	321715	5	21.15	2511470	20.0
Benz(a)anthracene...	22.46	5.9	ng	148204	6	23.38	504665	20.0
Dinaphtho[1,2-b:1...	23.02	2.8	ng	70953	6	23.38	504665	20.0
Benzo[e]pyrene	23.43	18.6	ng	470118	6	23.38	504665	20.0
Heptacosane	23.97	7.1	ng	178146	6	23.38	504665	20.0
Nonadecane	24.73	8.2	ng	207688	6	23.38	504665	20.0
Picene	25.90	5.2	ng	130025	6	23.38	504665	20.0
Dibenzo[def,mno]c...	26.68	11.4	ng	286787	6	23.38	504665	20.0