LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CASINO-AVE-1-2

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-BP050521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.275	365	372	382	rBV	32237	56056	1.61%	0.225%
2	6.881	639	645	658	rBV3	24107	52594	1.51%	0.211%
3	7.675	773	780	793	rBV	70086	109127	3.14%	0.437%
4	10.469	1247	1255	1265	rBV	71411	125440	3.61%	0.503%
5	12.946	1670	1676	1684	rVB	62975	95880	2.76%	0.384%
6	14.145	1875	1880	1884	rBV	31369	43287	1.25%	0.173%
7	14.328	1906	1911	1917	rVB2	125445	192643	5.54%	0.772%
8	14.975	2013	2021	2025	rBV10	19369	44691	1.29%	0.179%
9	15.040	2028	2032	2039	rVB9	18091	39177	1.13%	0.157%
10	15.104	2039	2043	2051	rBV2	61898	106879	3.08%	0.428%
11	15.369	2083	2088	2094	rBV6	31826	80535	2.32%	0.323%
12	15.834	2163	2167	2173	rBV2	84798	120472	3.47%	0.483%
13	16.057	2201	2205	2211	rBV3	69073	143921	4.14%	0.577%
14	16.363	2254	2257	2265	rVB2	46774	68026	1.96%	0.273%
15	16.675	2307	2310	2314	rBV	50242	59466	1.71%	0.238%
16	16.986	2359	2363	2368	rBV	179644	231489	6.66%	0.928%
17	17.092	2376	2381	2384	rBV2	357702	505040	14.54%	2.024%
18	17.145	2384	2390	2396	rVB2	160986	322248	9.28%	1.291%
19	17.257	2406	2409	2414	rVB	137701	152430	4.39%	0.611%
20	17.451	2438	2442	2447	rBV	210397	270076	7.77%	1.082%
21	17.751	2488	2493	2498	rBV	794134	945080	27.20%	3.787%
22	17.804	2498	2502	2504	rBV	219946	278442	8.01%	1.116%
23	17.828	2504	2506	2510	rVV	226929	229216	6.60%	0.918%
24	17.875	2510	2514	2522	rVB	228340	330807	9.52%	1.325%
25	17.986	2529	2533	2536	rBV	301675	327298	9.42%	1.311%
26	18.169	2560	2564	2569	rBV	625826	717395	20.65%	2.874%
27	18.445	2606	2611	2615	rBV	3267410	3474198	100.00%	13.920%
28	18.539	2624	2627	2634	rVB4	132535	169304	4.87%	0.678%
29	18.739	2658	2661	2664	rBV4	104689	156375	4.50%	0.627%
30	19.063	2711	2716	2719	rBV3	260854	460384	13.25%	1.845%
31	19.110	2720	2724	2727	rVB2	319020	443853	12.78%	1.778%
32	19.180	2733	2736	2740	rVB2	267624	307013	8.84%	1.230%
33	19.216	2740	2742	2745	rBV2	108149	120015	3.45%	0.481%
34	19.280	2749	2753	2756	rVV4	247449	341114	9.82%	1.367%
35	19.316	2756	2759	2765	rVV4	184910	319917	9.21%	1.282%
36	19.404	2771	2774	2777	rBV2	322226	447778	12.89%	1.794%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CASINO-AVE-1-2

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-BP050521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.433	2777	2779	2782	rVV2	291013	390595	11.24%	1.565%
38	19.463	2782	2784	2790	rVB4	320891	440403	12.68%	1.765%
39	19.575	2799	2803	2805	rBV3	294031	383974	11.05%	1.538%
40	19.639	2811	2814	2819	rVB4	176133	212927	6.13%	0.853%
41	19.780	2836	2838	2843	rVB2	210812	274167	7.89%	1.098%
42	19.822	2843	2845	2850	rVB5	167438	255033	7.34%	1.022%
43	19.880	2851	2855	2859	rBV3	388699	565713	16.28%	2.267%
44	19.922	2859	2862	2866	rBV3	256697	431398	12.42%	1.728%
45	20.063	2883	2886	2889	rBV3	206677	237265	6.83%	0.951%
46	20.116	2890	2895	2900	rVB5	508912	1047046	30.14%	4.195%
47	20.163	2900	2903	2905	rBV3	290877	356033	10.25%	1.427%
48	20.263	2917	2920	2925	rBV3	245908	431943	12.43%	1.731%
49	20.410	2943	2945	2949	rVB2	408780	418497	12.05%	1.677%
50	20.451	2949	2952	2954	rBV2	169387	247599	7.13%	0.992%
51	20.557	2968	2970	2978	rVB2	357286	504515	14.52%	2.021%
52	20.657	2983	2987	2998	rBV7	345417	989611	28.48%	3.965%
53	20.739	2999	3001	3004	rBV3	166677	227553	6.55%	0.912%
54	20.816	3011	3014	3015	rBV3	179964	202901	5.84%	0.813%
55	20.992	3041	3044	3046	rBV4	203336	252996	7.28%	1.014%
56	21.057	3051	3055	3060	rBV4	410254	878893	25.30%	3.521%
57	21.145	3067	3070	3072	rBV	255292	283232	8.15%	1.135%
58	21.180	3073	3076	3082	rVB3	561996	990629	28.51%	3.969%
59	21.233	3082	3085	3087	rBV2	210353	225472	6.49%	0.903%
60	21.345	3100	3104	3112	rVB5	292674	572892	16.49%	2.295%
61	21.416	3113	3116	3119	rVV3	199700	253222	7.29%	1.015%
62	21.586	3143	3145	3155	rVB5	249715	388895	11.19%	1.558%
63	21.857	3187	3191	3195	rBV3	191600	271400	7.81%	1.087%
64	21.939	3202	3205	3208	rBV3	95379	153874	4.43%	0.617%
65	22.133	3235	3238	3246	rVB4	133054	221633	6.38%	0.888%
66	22.333	3269	3272	3278	rVB4	146735	224362	6.46%	0.899%
67	22.645	3322	3325	3333	rVB2	92042	156338	4.50%	0.626%
68	22.792	3348	3350	3355	rBV2	54361	76666	2.21%	0.307%
69	23.392	3448	3452	3459	rVB	96725	174577	5.02%	0.699%
70	23.492	3464	3469	3476	rVV2	178573	328414	9.45%	1.316%

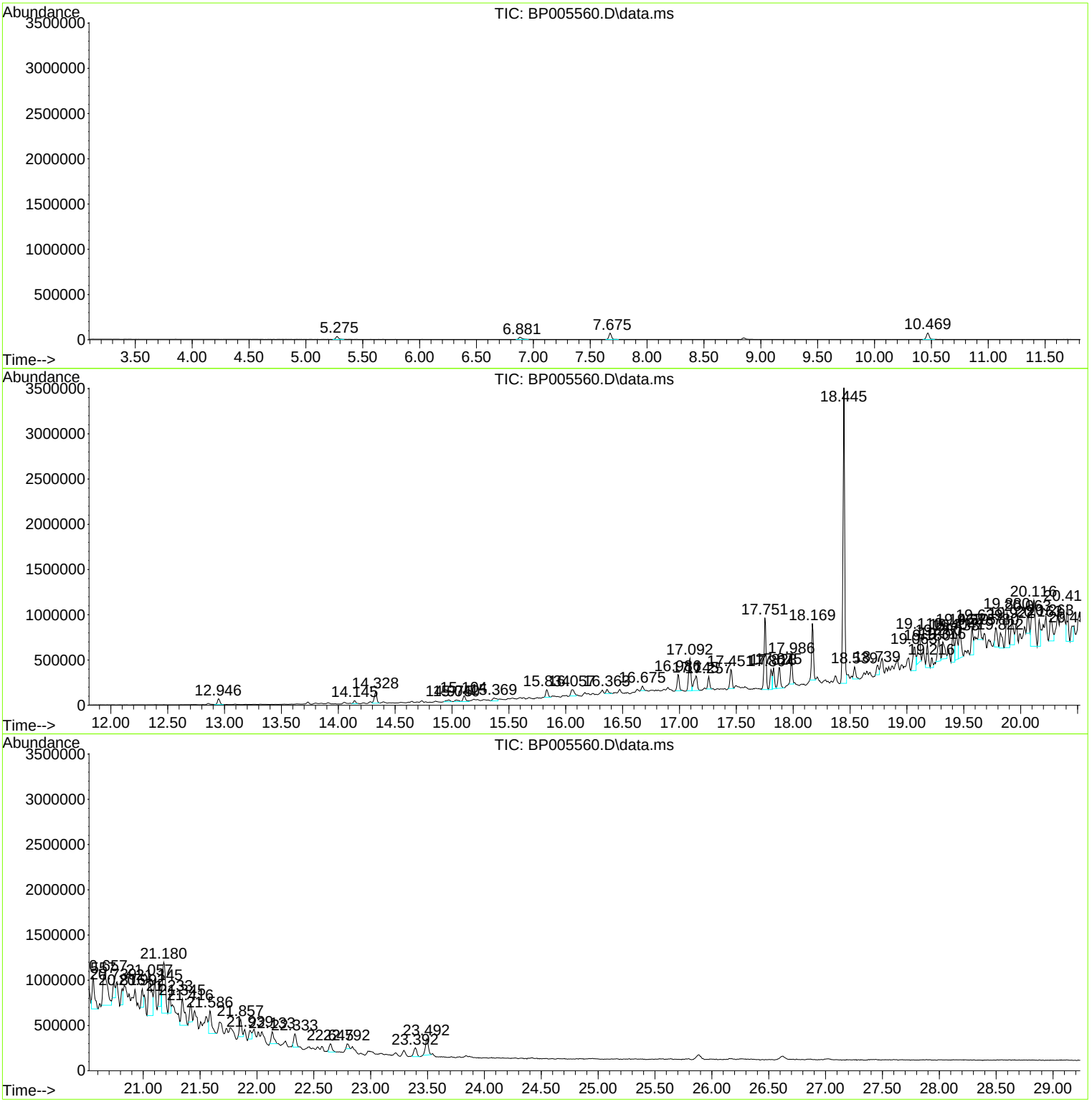
Sum of corrected areas: 24958334

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

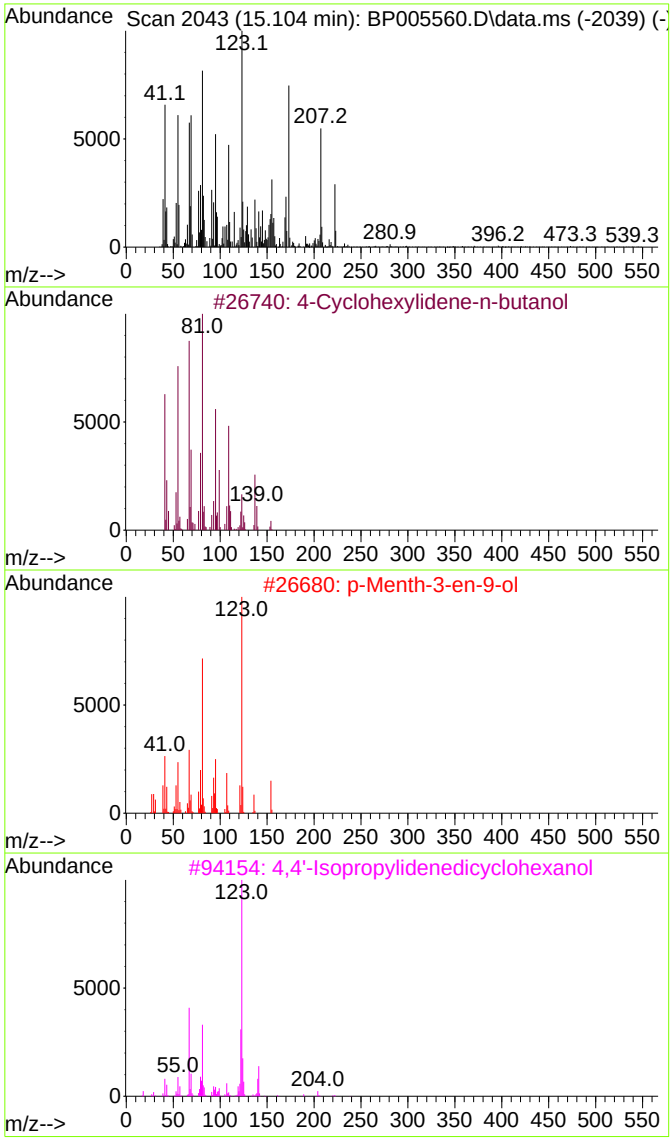
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

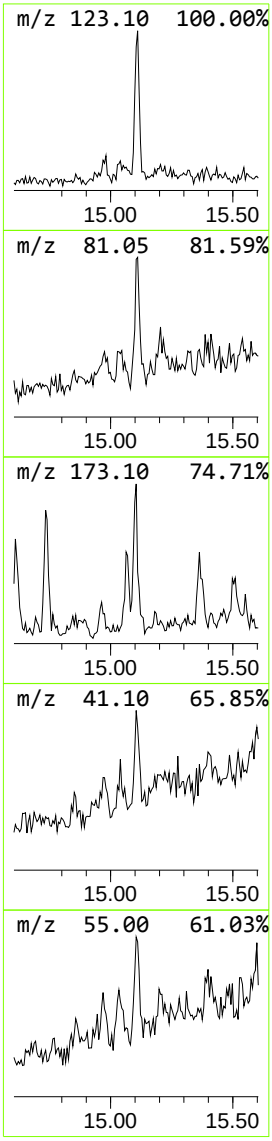
****

Peak Number 1 unknown15.104 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	11.10 ng	106879	Acenaphthene-d10	14.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclohexylidene-n-butanol	154	C10H18O	004441-58-1	38
2	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	30
3	4,4'-Isopropylidenedicyclohexanol	240	C15H28O2	000080-04-6	25
4	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	25
5	Magnesium, bis(2,4-pentanedionat...	222	C10H14MgO4	014024-56-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

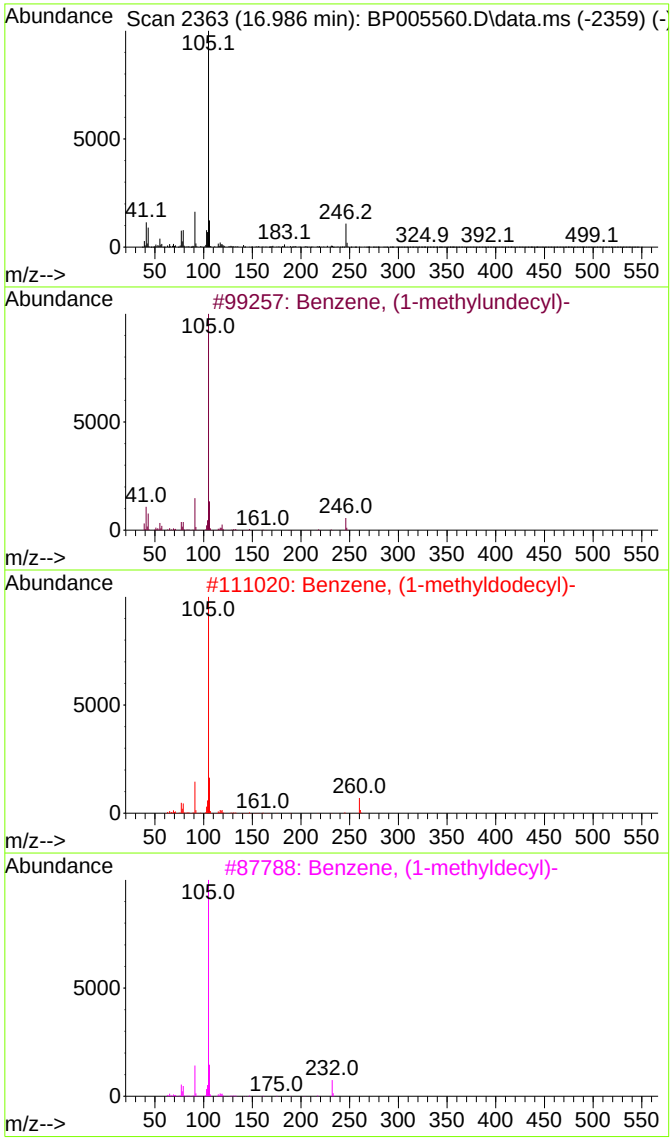
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

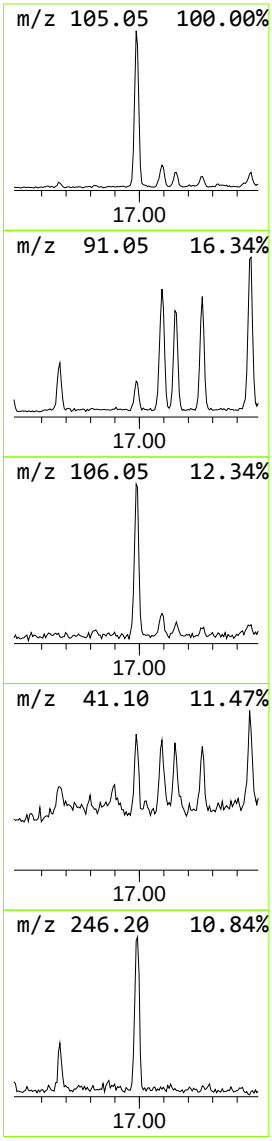
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, (1-methylundecyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	9.17 ng	231489	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	91
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	70
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	58
4	Benzene, (1,3,3-trimethylnonyl)-	246	C18H30	054986-44-6	53
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CASINO-AVE-1-2

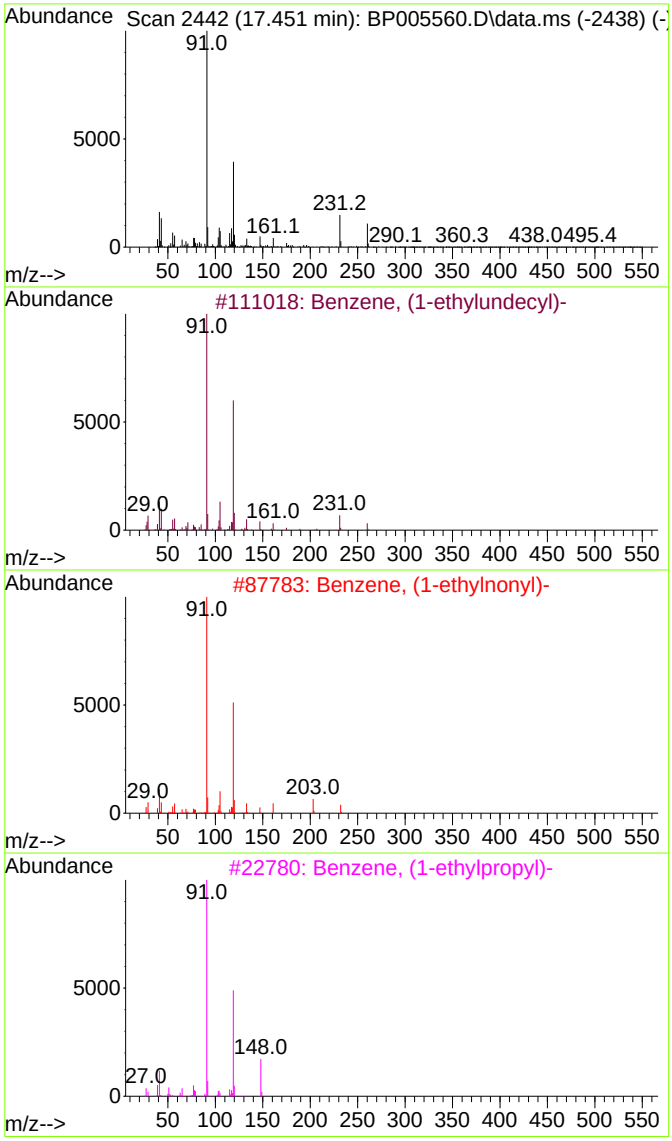
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

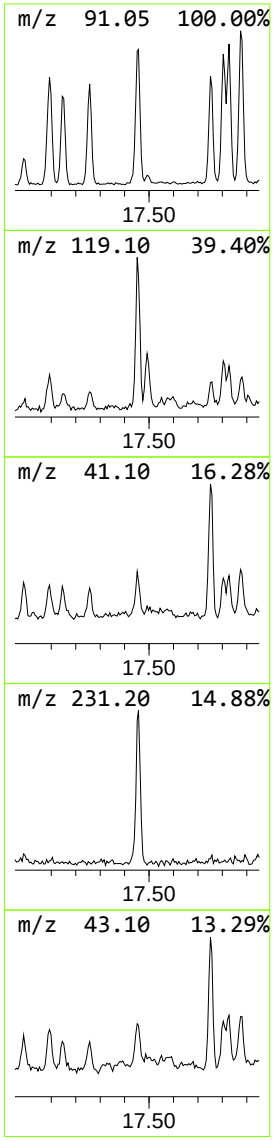
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1-ethylundecyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.451	10.70 ng	270076	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	91
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	76
3	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	47
4	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	47
5	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

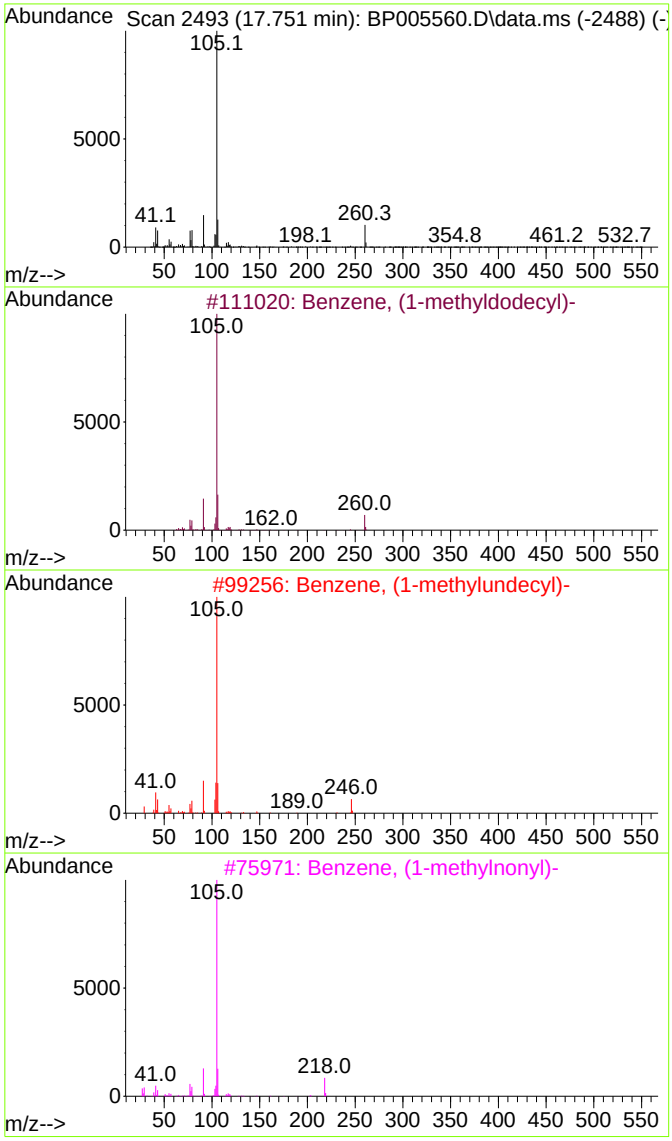
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

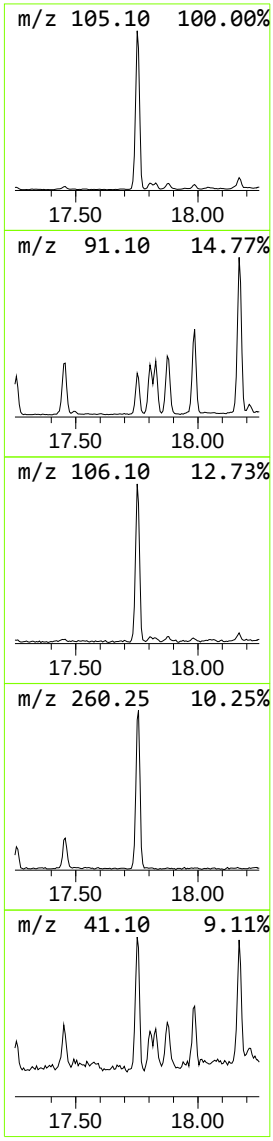
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1-methyldodecyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	37.43 ng	945080	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	94
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53
4	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	47
5	Benzene, (2-ethenyl-1,4,4-trimet...	216	C16H24	074810-76-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

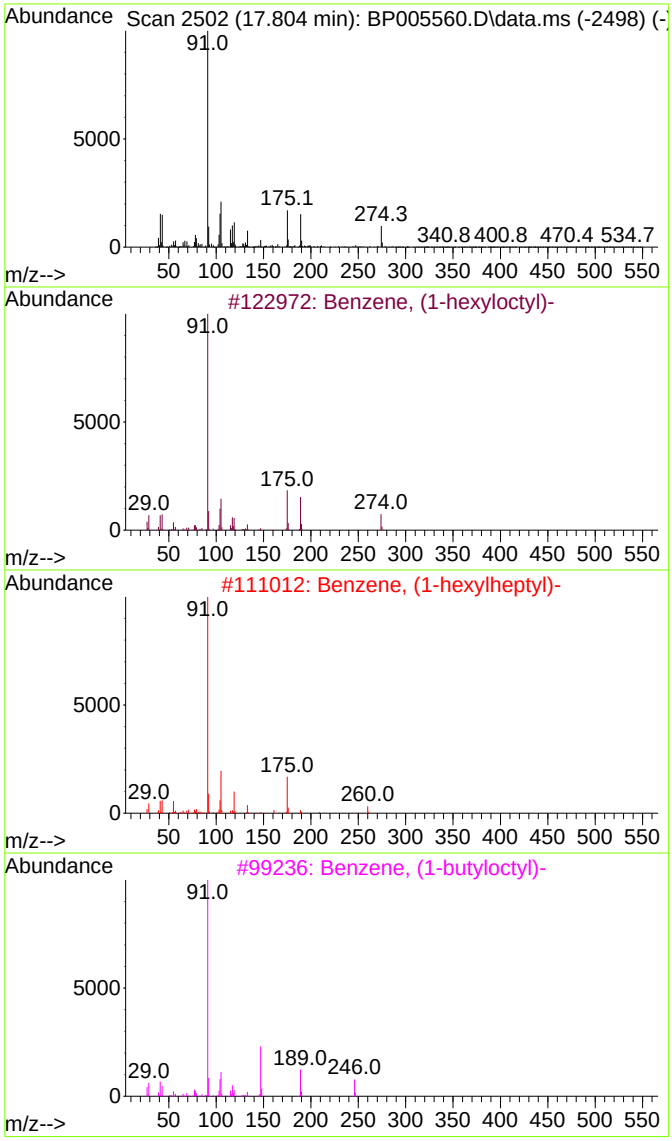
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

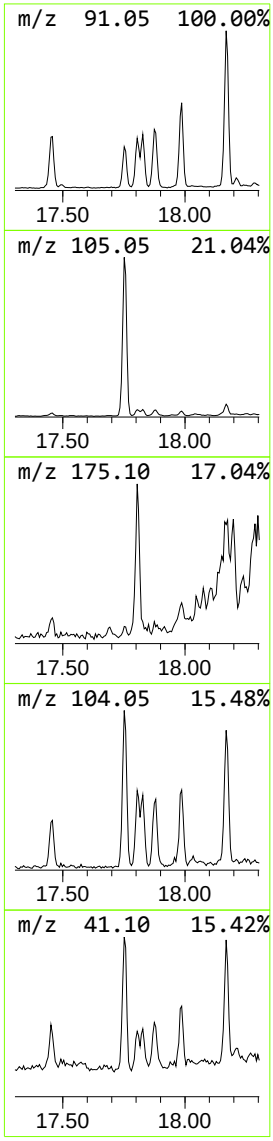
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-hexyloctyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	11.03 ng	278442	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-hexyloctyl)-	274	C20H34	004534-54-7	81
2	Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	53
3	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	40
4	Benzene, (1-heptyloctyl)-	288	C21H36	004534-60-5	40
5	Benzene, (1-hexyltetradecyl)-	358	C26H46	002398-64-3	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

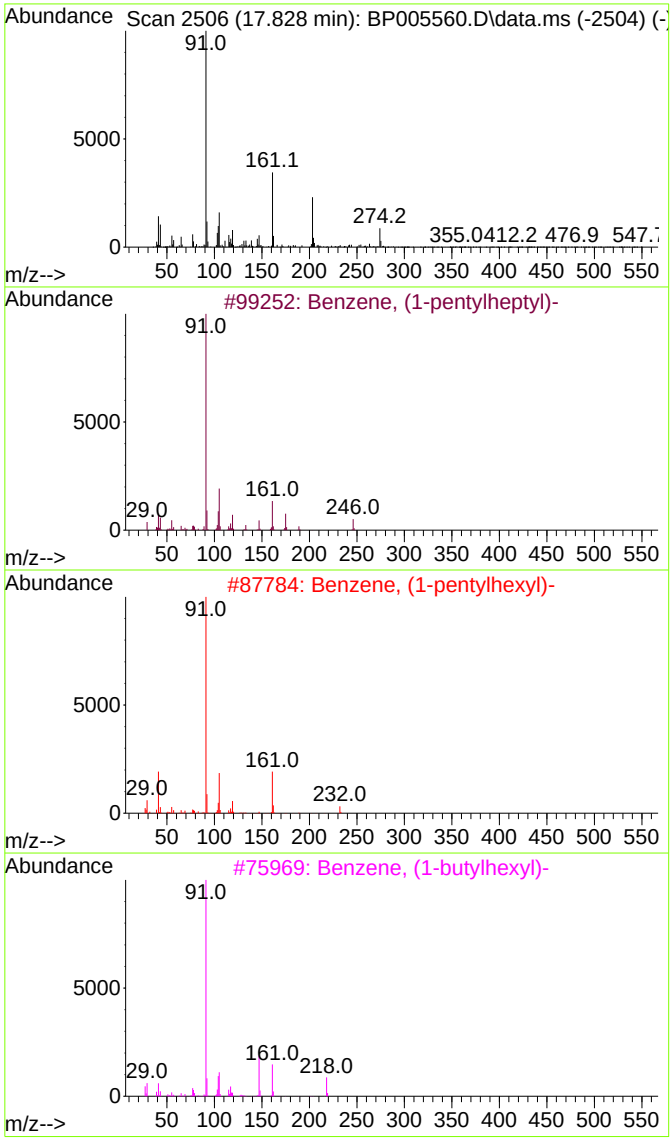
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

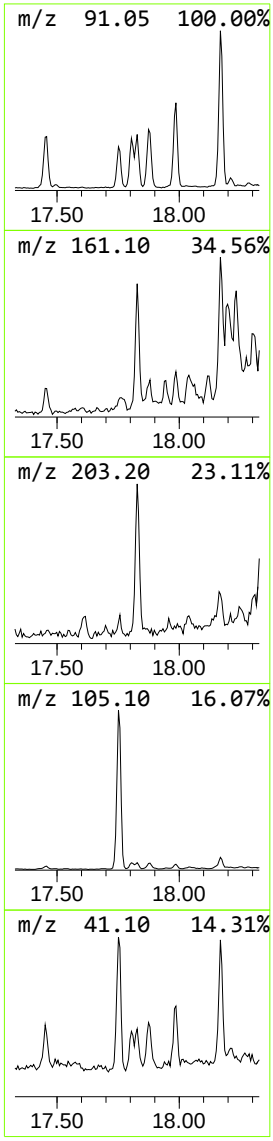
****

Peak Number 6 unknown17.828 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.828	9.08 ng	229216	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	32
2	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	25
3	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	23
4	2,5-Piperazinedione, 3-(phenylme...	204	C11H12N2O2	005037-75-2	22
5	Cyclobutaneacetamide, N-benzyl-	203	C13H17NO	302567-73-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

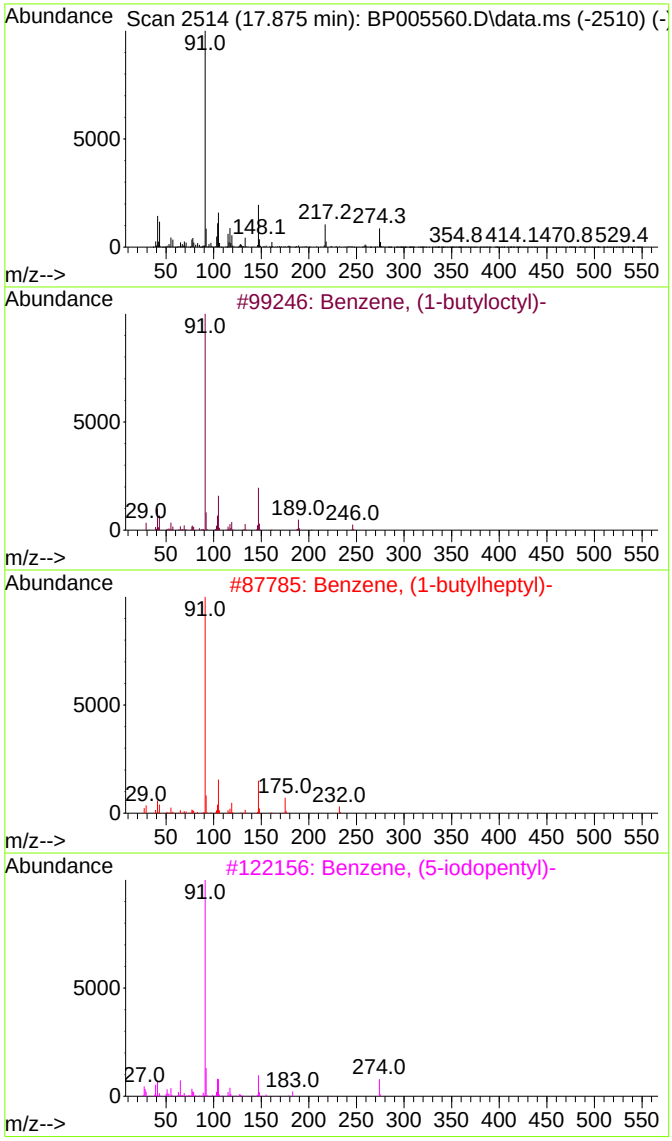
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

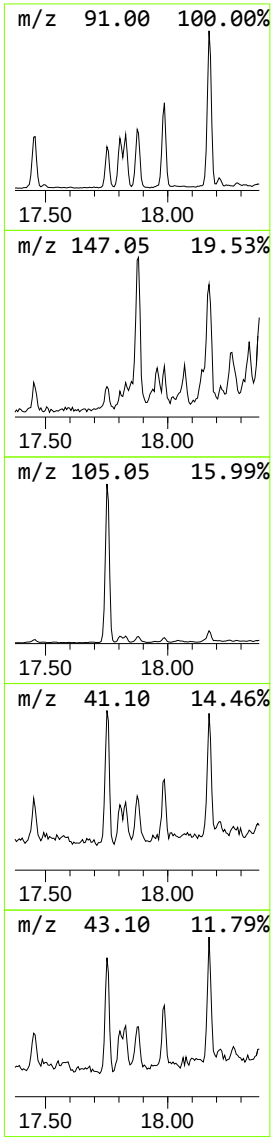
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-butyloctyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.875	13.10 ng	330807	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	59
2	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	50
3	Benzene, (5-iodopentyl)-	274	C11H15I	099858-37-4	49
4	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	42
5	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	35





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Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

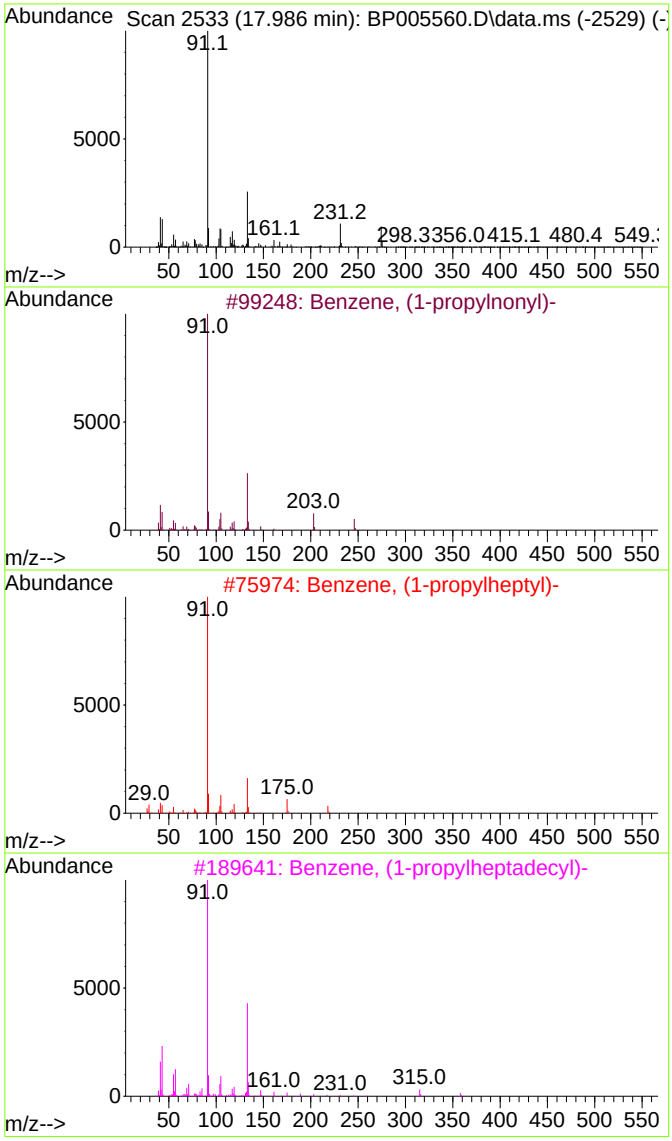
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

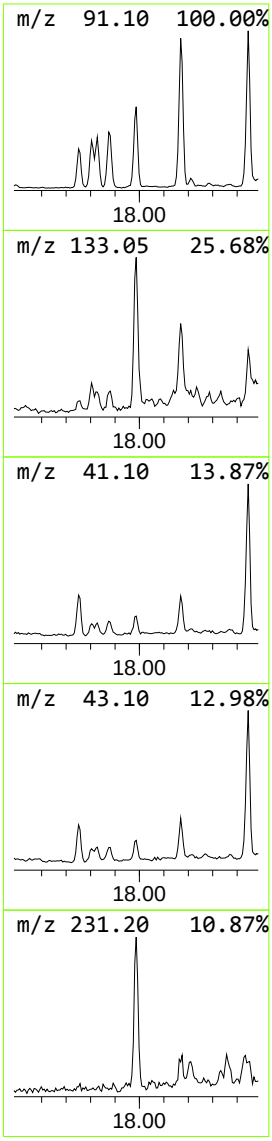
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1-propylnonyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	12.96 ng	327298	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	50
2	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	35
3	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	25
4	Cyclopropane, 1-(2-methylene-3-b...	162	C12H18	051567-07-8	25
5	2-Cyanophenyl .beta.-phenylpropi...	251	C16H13NO2	040123-48-6	23





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Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

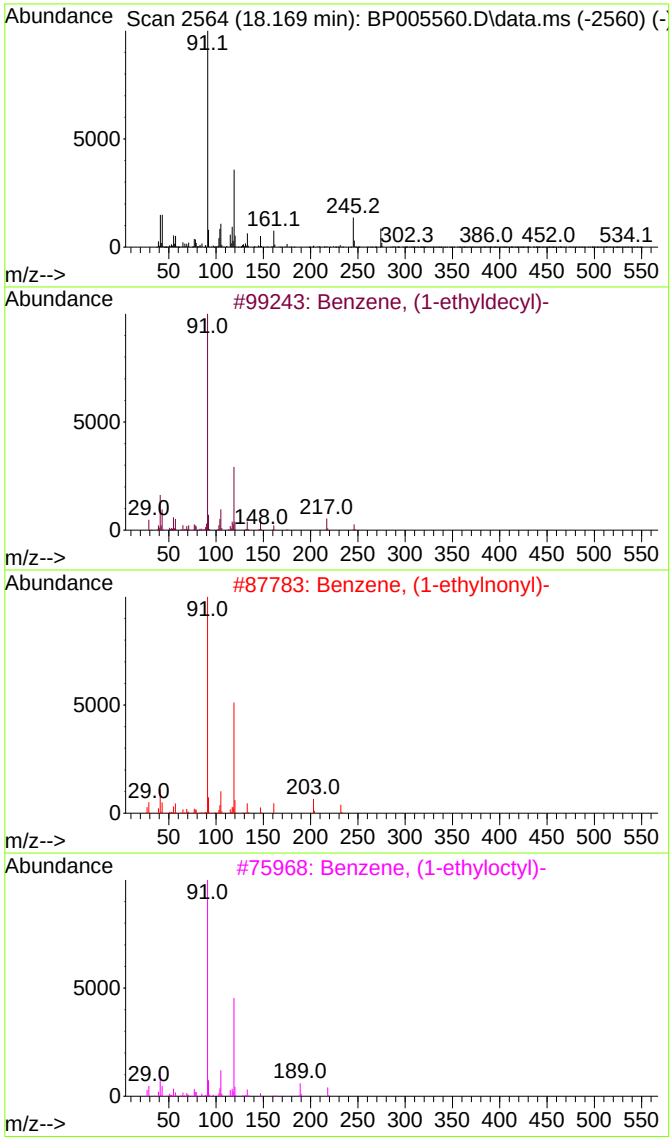
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

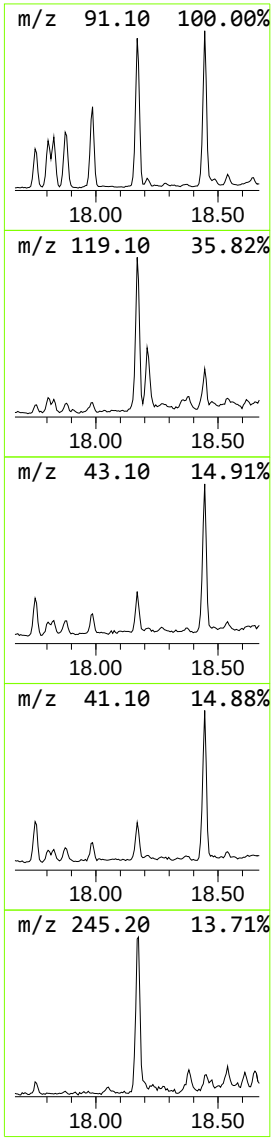
****

Peak Number 9 Benzene, (1-ethyldecyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	28.41 ng	717395	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	70
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	47
3	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	43
4	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	43
5	(1-(Methylthio)propyl)benzene	166	C10H14S	022906-19-0	43





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Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

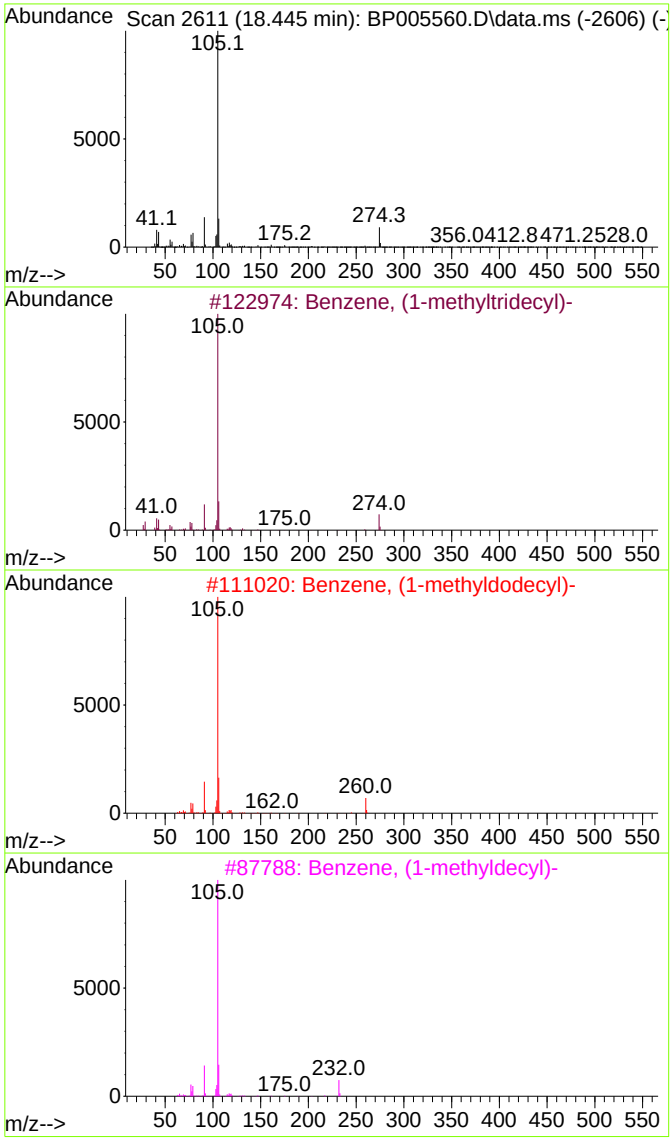
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

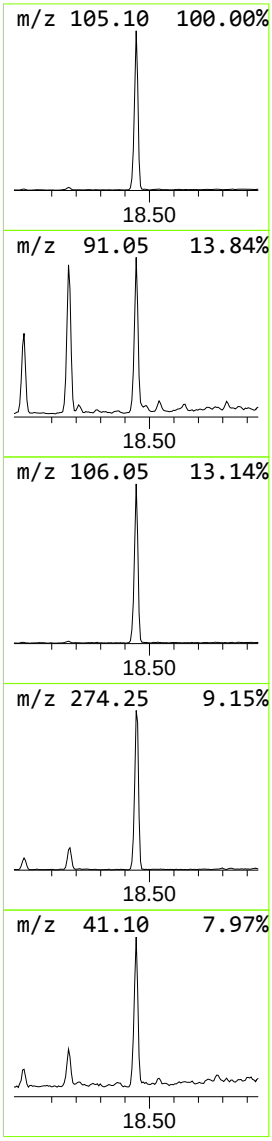
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, (1-methyltridecyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	137.58 ng	3474200	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	90
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	76
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	59
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59
5	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	53





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Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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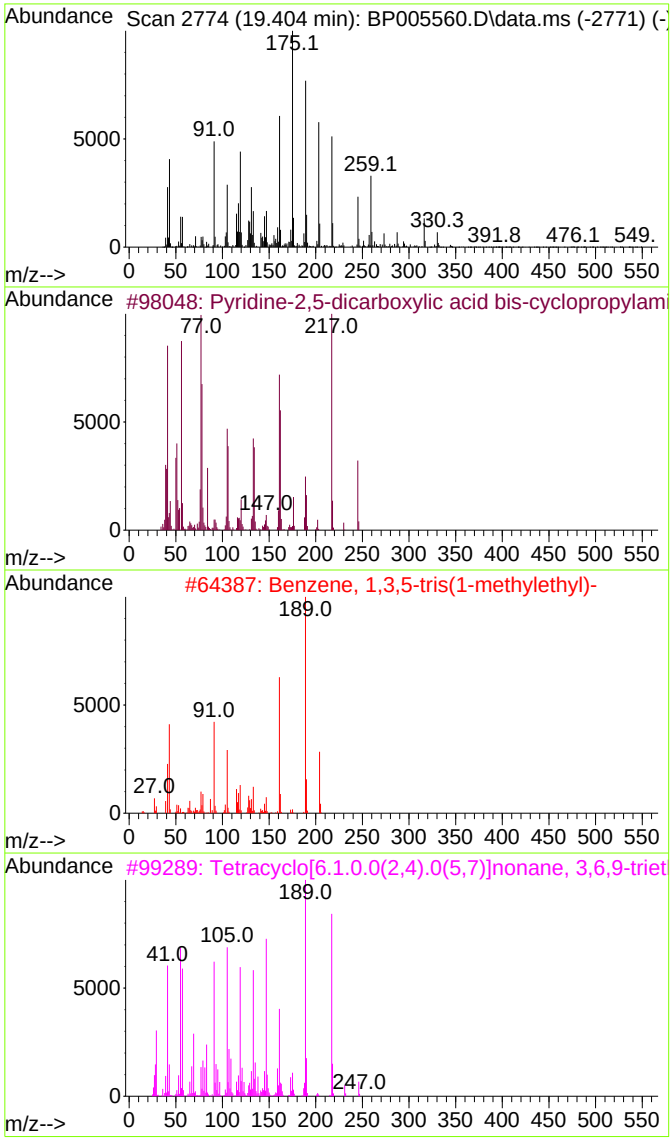
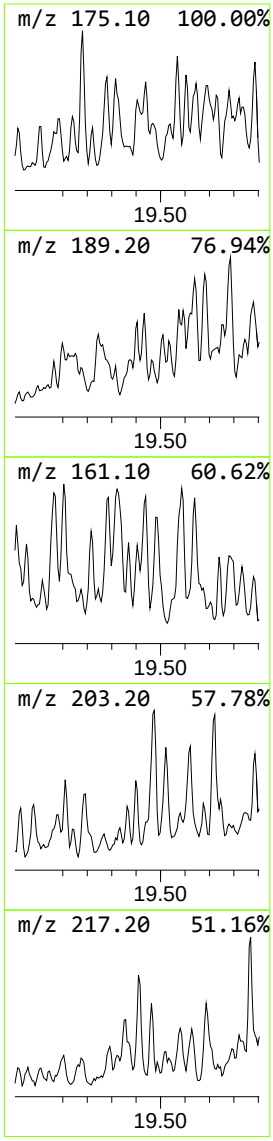
Peak Number 11 Pyridine-2,5-dicarboxylic a... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	9.04 ng	447778	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-2,5-dicarboxylic acid b...	245	C13H15N3O2	1000294-44-0	59
2	Benzene, 1,3,5-tris(1-methylethyl)-	204	C15H24	000717-74-8	47
3	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	246	C18H30	078578-97-9	46
4	8-Amino-5-ethoxy-6-methoxyquinoline	218	C12H14N2O2	064992-85-4	35
5	Benzo[c]furanone, 3,3,4,7-tetram...	190	C12H14O2	037740-08-2	18





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Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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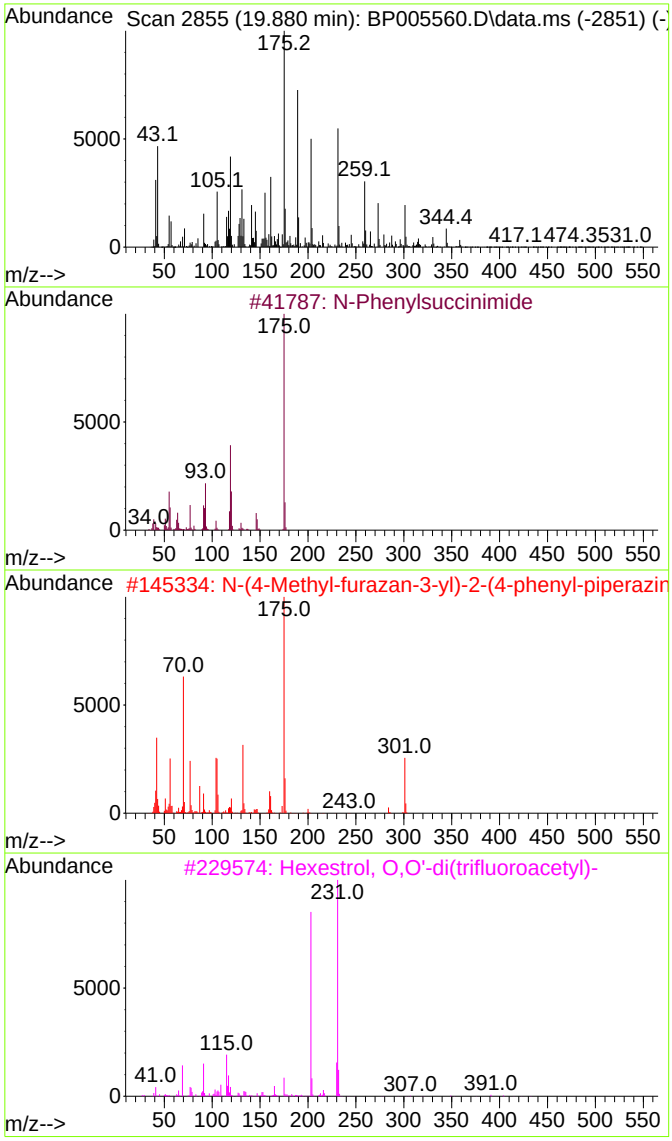
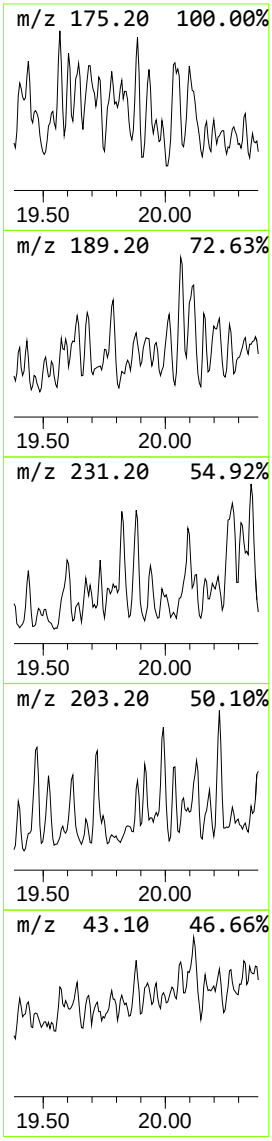
Peak Number 12 unknown19.881 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.881	11.42 ng	565713	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Phenylsuccinimide	175	C10H9NO2	000083-25-0	25
2	N-(4-Methyl-furazan-3-yl)-2-(4-p...	301	C15H19N5O2	1000274-24-6	18
3	Hexestrol, O,O'-di(trifluoroacet...	462	C22H20F6O4	1000365-43-5	14
4	Benzene, 1,3,5-tris(1-methylethyl)-	204	C15H24	000717-74-8	11
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	11





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Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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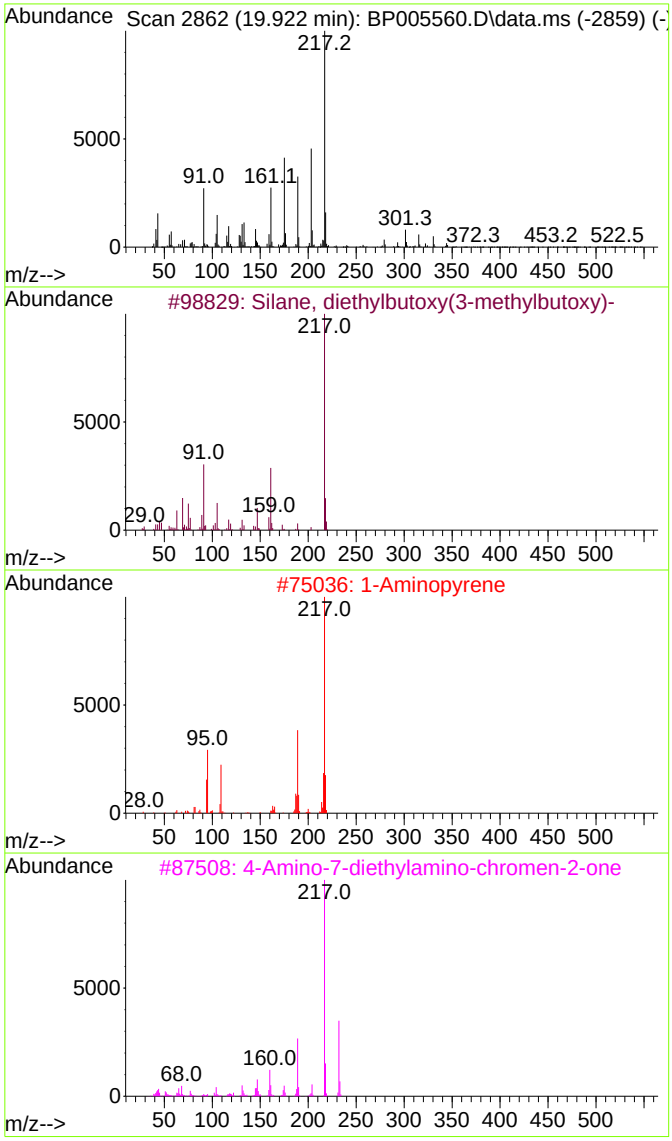
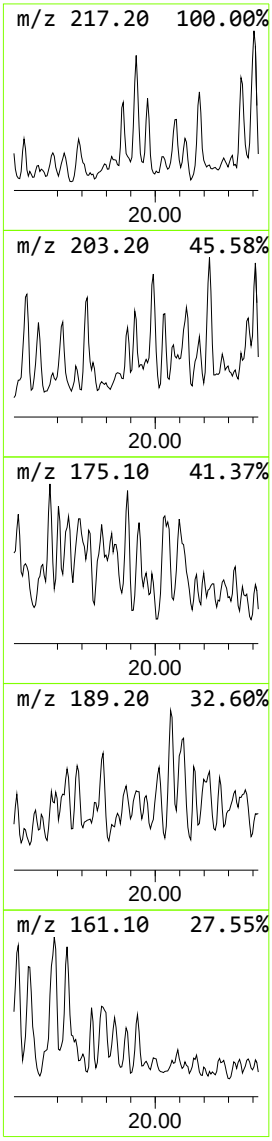
Peak Number 13 unknown19.922 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.922	8.71 ng	431398	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethylbutoxy(3-methylbu...	246	C13H30O2Si	1000362-99-3	38
2	1-Aminopyrene	217	C16H11N	001606-67-3	35
3	4-Amino-7-diethylamino-chromen-2...	232	C13H16N2O2	107995-76-6	32
4	Silane, dimethylisobutoxyhexyloxy-	232	C12H28O2Si	1000346-76-5	32
5	Benzo(b)carbazole	217	C16H11N	000243-28-7	27





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Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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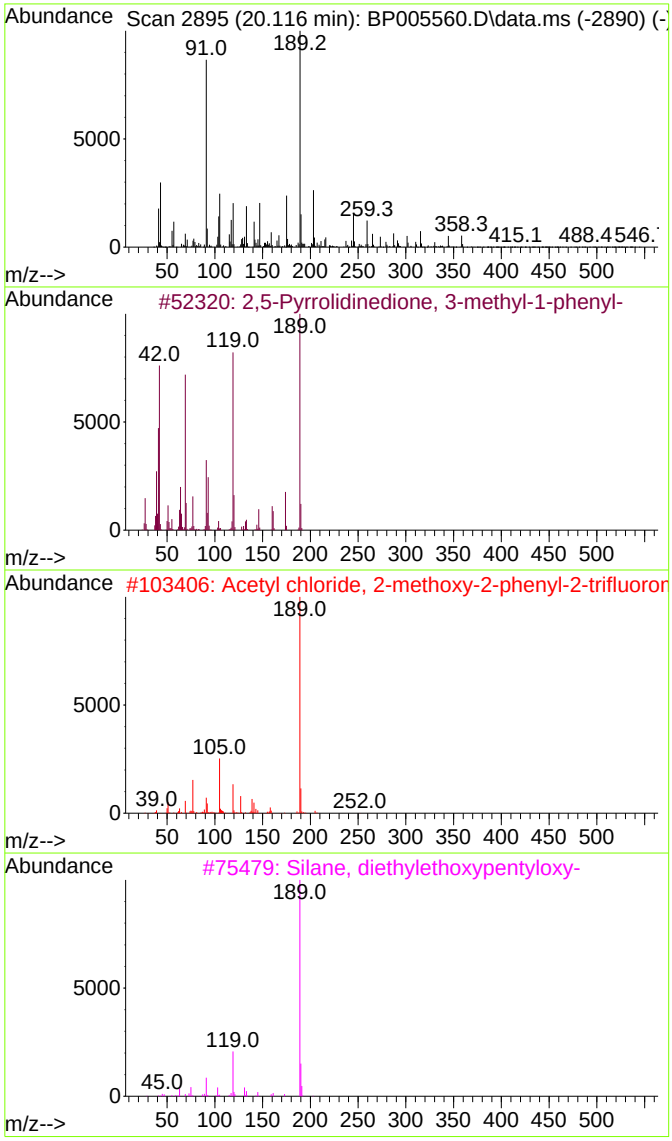
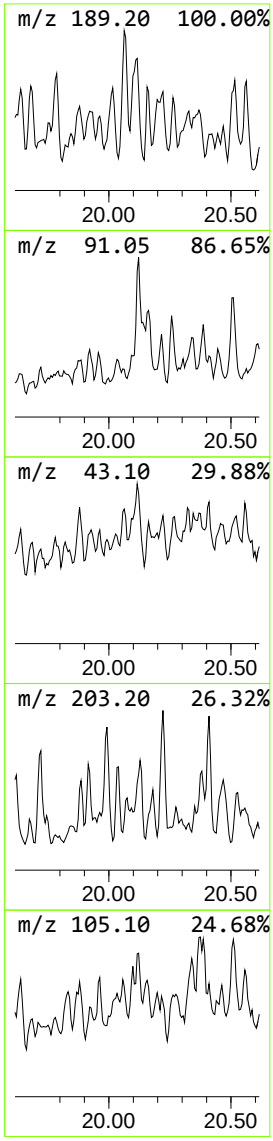
Peak Number 14 unknown20.116 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.116	21.14 ng	1047050	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Pyrrolidinedione, 3-methyl-1...	189	C11H11NO2	075619-07-7	38
2	Acetyl chloride, 2-methoxy-2-phe...	252	C10H8ClF3O2	040793-68-8	38
3	Silane, diethylethoxypentyloxy-	218	C11H26O2Si	1000363-02-7	38
4	Ethanone, 1-(2,4,5-triethylphenyl)-	204	C14H20O	002715-54-0	35
5	3,4-Dihydroxy-1,6-bis-(2,4,6-tri...	378	C24H26O4	1000295-66-0	32





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Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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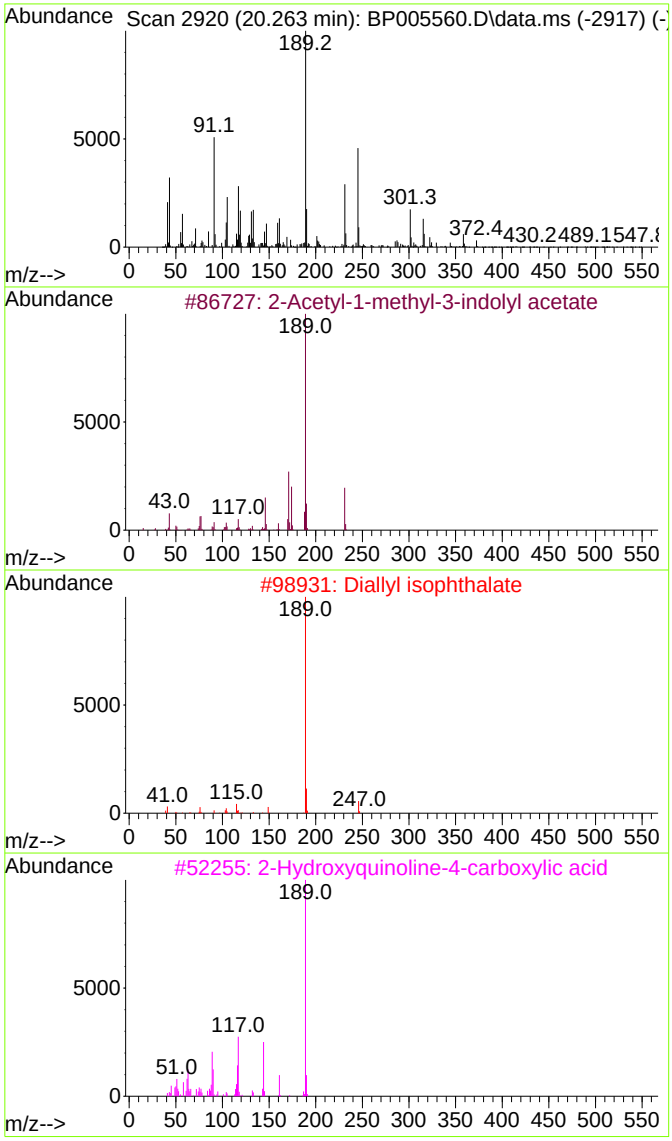
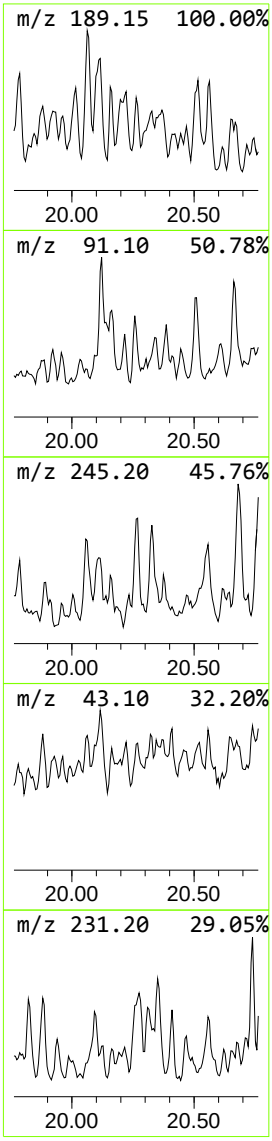
Peak Number 15 unknown20.263 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.263	8.72 ng	431943	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetyl-1-methyl-3-indolyl acetate	231	C13H13NO3	061153-69-3	38
2	Diallyl isophthalate	246	C14H14O4	001087-21-4	35
3	2-Hydroxyquinoline-4-carboxylic ...	189	C10H7NO3	015733-89-8	35
4	3,4-Dihydroxy-1,6-bis-(2,4,6-tri...	378	C24H26O4	1000295-66-0	35
5	Streptonigrin analog (MeO)	189	C10H7NO3	054232-20-1	27





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Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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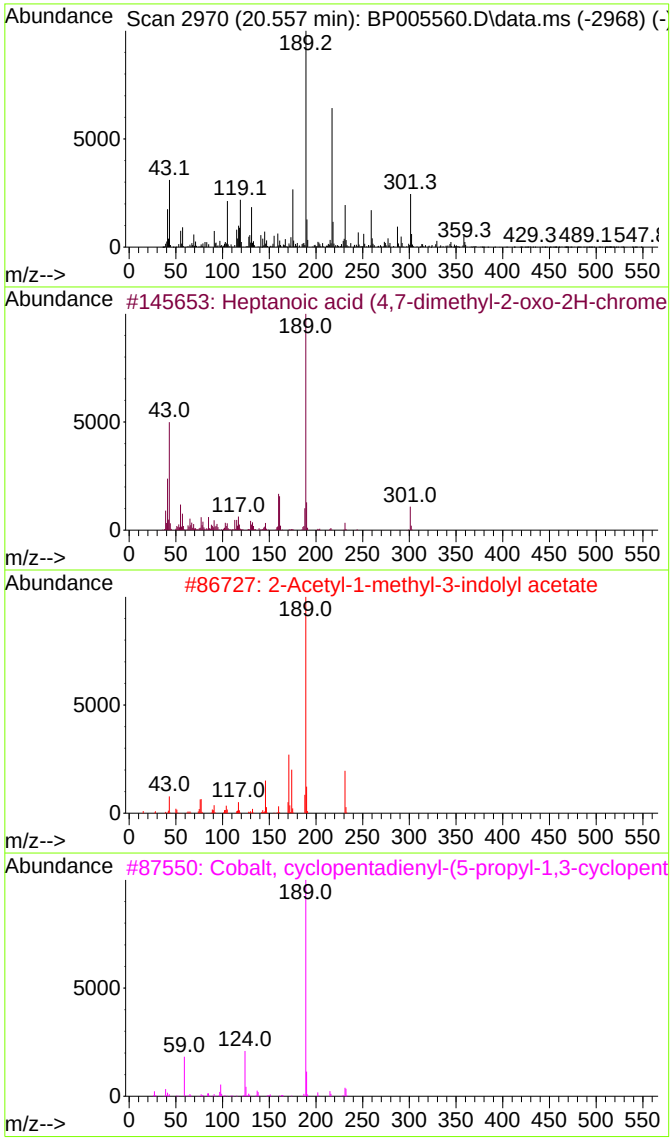
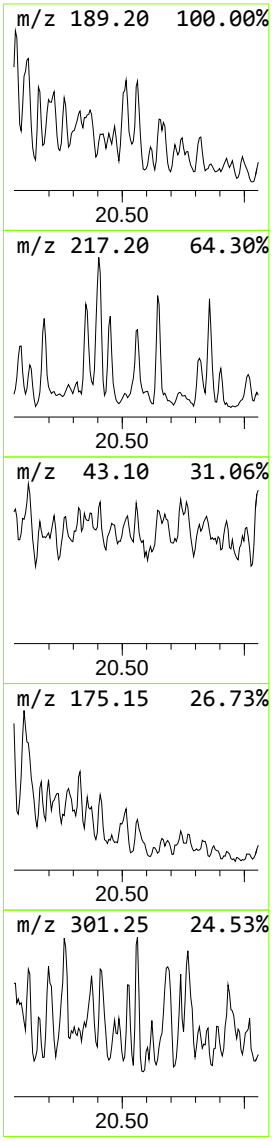
Peak Number 16 unknown20.557 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.557	10.19 ng	504515	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid (4,7-dimethyl-2-o...	301	C18H23NO3	1000297-16-3	38
2	2-Acetyl-1-methyl-3-indolyl acetate	231	C13H13NO3	061153-69-3	35
3	Cobalt, cyclopentadienyl-(5-prop...	232	C13H17Co	094792-04-8	30
4	Silane, diethylethoxyneopentyloxy-	218	C11H26O2Si	1000363-93-7	25
5	Benzeneacetic acid, .alpha.-meth...	248	C11H11F3O3	077611-72-4	25





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Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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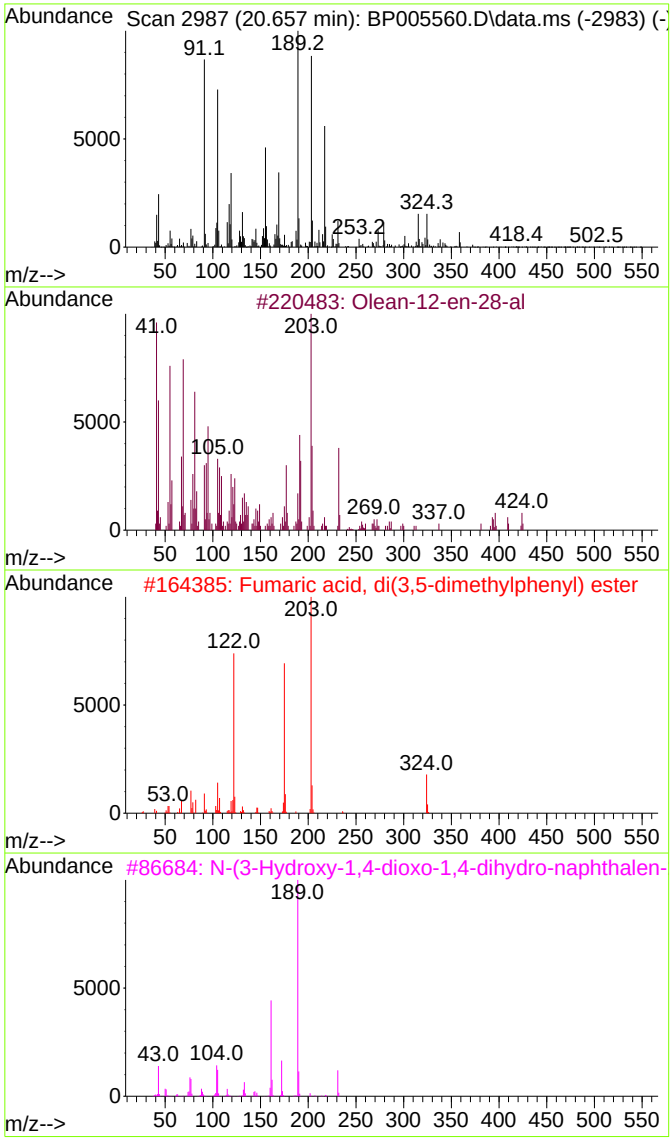
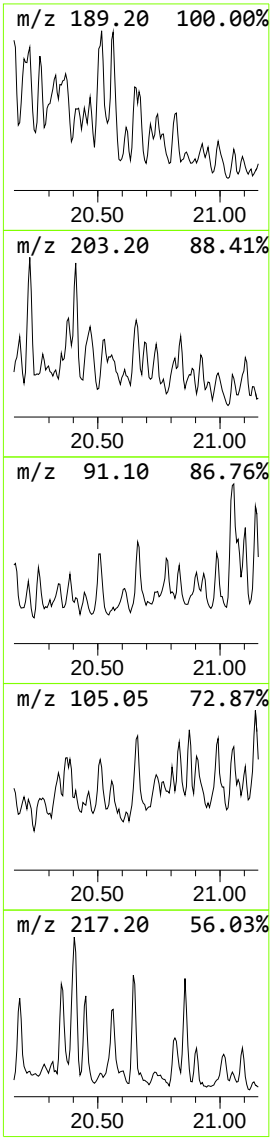
Peak Number 17 unknown20.657 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.657	19.98 ng	989611	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Olean-12-en-28-al	424	C30H48O	010070-76-5	22
2	Fumaric acid, di(3,5-dimethylphe...	324	C20H20O4	1000344-78-2	18
3	N-(3-Hydroxy-1,4-dioxo-1,4-dihyd...	231	C12H9NO4	022157-98-8	15
4	1H-Pyrrole-2,5-dione, 2,5-dihydr...	203	C11H9NO3	003007-23-6	15
5	Pyridine-3-carbonitrile, 1,2-dih...	203	C11H13N3O	243860-79-9	11





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Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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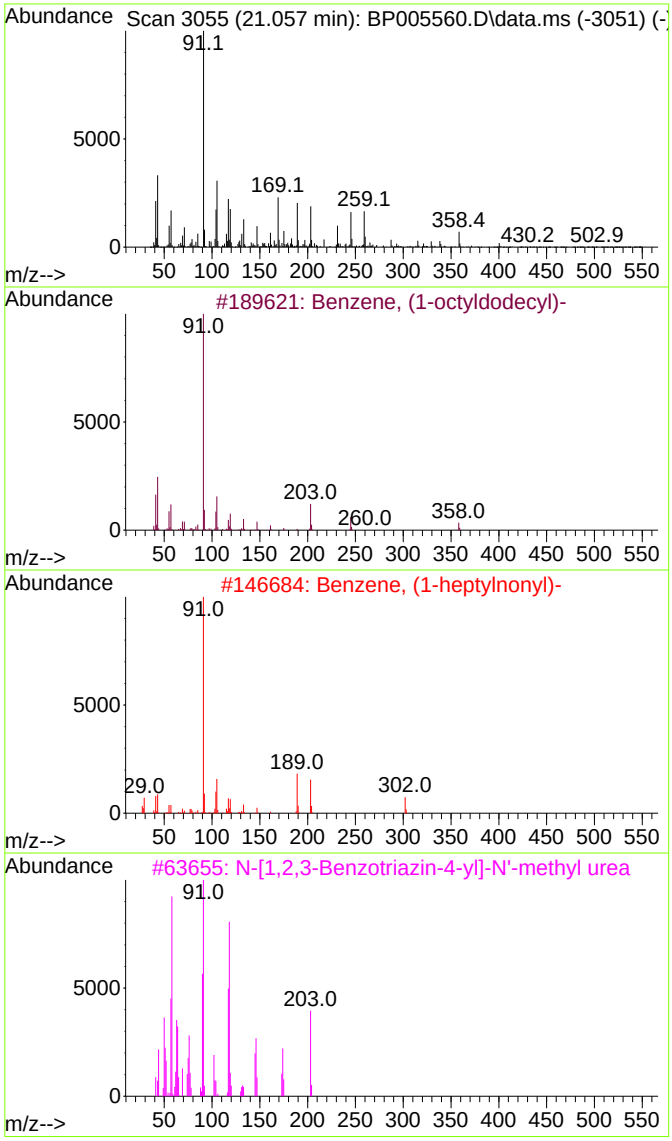
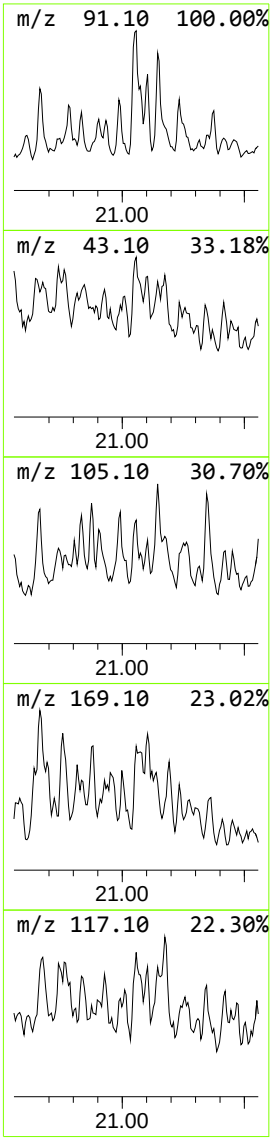
Peak Number 18 Benzene, (1-octyldodecyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	17.74 ng	878893	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-octyldodecyl)-	358	C26H46	002398-65-4	68
2	Benzene, (1-heptylnonyl)-	302	C22H38	013419-23-3	14
3	N-[1,2,3-Benzotriazin-4-yl]-N'-m...	203	C9H9N5O	1000254-70-7	11
4	Pyridine-3-carboxylic acid, 1,2,...	246	C14H18N2O2	159660-85-2	10
5	Benzene, (1-hexyloctyl)-	274	C20H34	004534-54-7	10





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Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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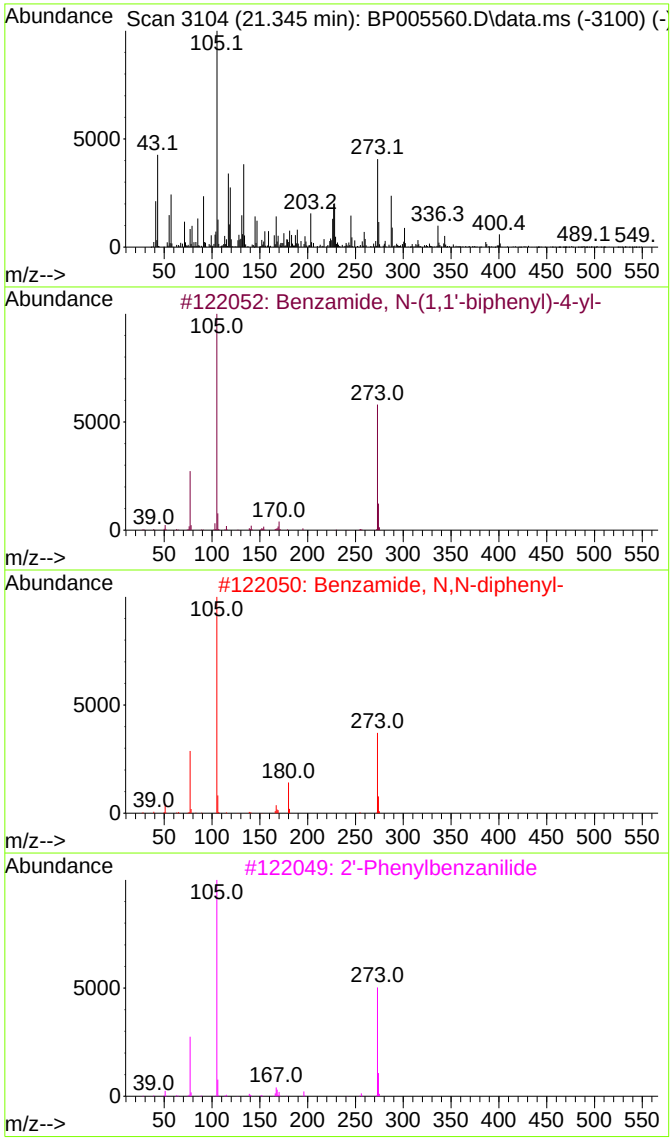
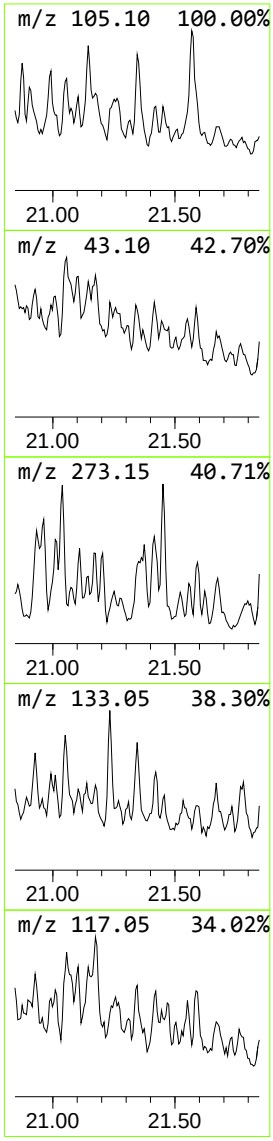
Peak Number 19 unknown21.345 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	11.57 ng	572892	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(1,1'-biphenyl)-4-yl-	273	C19H15NO	020743-57-1	15
2	Benzamide, N,N-diphenyl-	273	C19H15NO	004051-56-3	11
3	2'-Phenylbenzanilide	273	C19H15NO	007404-97-9	11
4	1-Pyrazolidinecarbothioamide, N-...	345	C17H16ClN3OS	139192-97-5	8
5	2,4,10-Triphenyl-8-(1-phenylethy...	486	C31H26N4S	1000286-84-8	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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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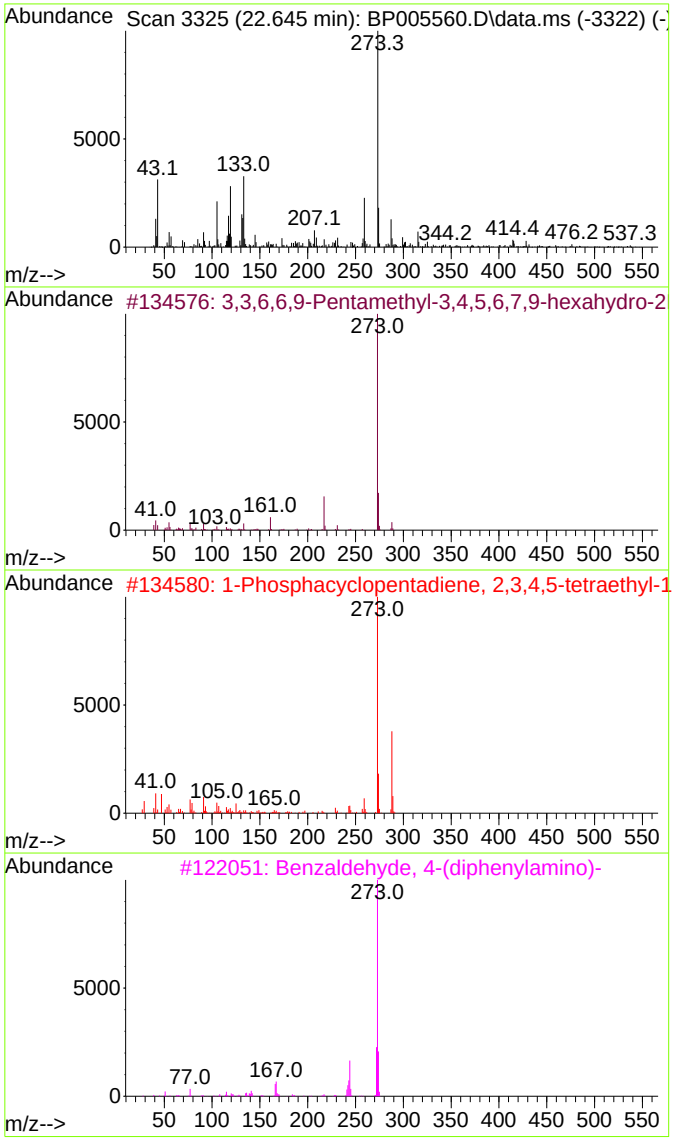
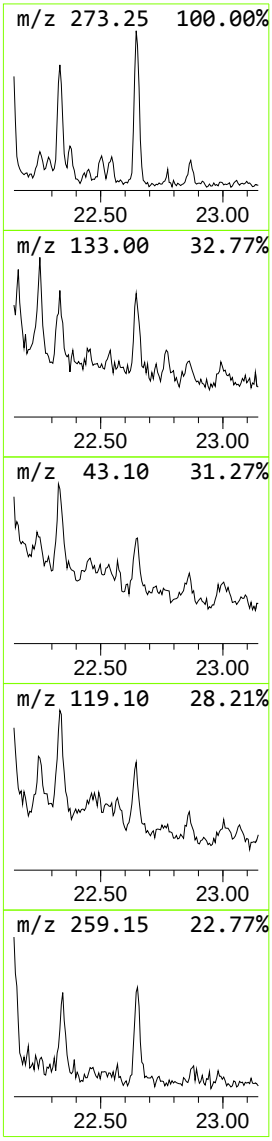
Peak Number 20 unknown22.645 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.645	9.52 ng	156338	Perylene-d12	23.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3,6,6,9-Pentamethyl-3,4,5,6,7,...	288	C18H24O3	019225-63-9	46
2	1-Phosphacyclopentadiene, 2,3,4,...	288	C18H25OP	1000163-70-8	43
3	Benzaldehyde, 4-(diphenylamino)-	273	C19H15NO	004181-05-9	38
4	1H-Indene-1,3(2H)-dione, 2-(2-qu...	273	C18H11NO2	000083-08-9	38
5	Cobaltocene, 1,1'-diacetyl-	273	C14H14CoO2	073249-54-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005560.D
Acq On : 14 May 2021 21:31
Operator : CG/JU
Sample : M2389-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CASINO-AVE-1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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
unknown15.104	15.104	11.1	ng	106879	3	14.328	192643	20.0
Benzene, (1-met...	16.986	9.2	ng	231489	4	17.087	505040	20.0
Benzene, (1-eth...	17.451	10.7	ng	270076	4	17.087	505040	20.0
Benzene, (1-met...	17.751	37.4	ng	945080	4	17.087	505040	20.0
Benzene, (1-hex...	17.804	11.0	ng	278442	4	17.087	505040	20.0
unknown17.828	17.828	9.1	ng	229216	4	17.087	505040	20.0
Benzene, (1-but...	17.875	13.1	ng	330807	4	17.087	505040	20.0
Benzene, (1-pro...	17.986	13.0	ng	327298	4	17.087	505040	20.0
Benzene, (1-eth...	18.169	28.4	ng	717395	4	17.087	505040	20.0
Benzene, (1-met...	18.445	137.6	ng	3474200	4	17.087	505040	20.0
Pyridine-2,5-di...	19.404	9.0	ng	447778	5	21.192	990629	20.0
unknown19.881	19.881	11.4	ng	565713	5	21.192	990629	20.0
unknown19.922	19.922	8.7	ng	431398	5	21.192	990629	20.0
unknown20.116	20.116	21.1	ng	1047050	5	21.192	990629	20.0
unknown20.263	20.263	8.7	ng	431943	5	21.192	990629	20.0
unknown20.557	20.557	10.2	ng	504515	5	21.192	990629	20.0
unknown20.657	20.657	20.0	ng	989611	5	21.192	990629	20.0
Benzene, (1-oct...	21.057	17.7	ng	878893	5	21.192	990629	20.0
unknown21.345	21.345	11.6	ng	572892	5	21.192	990629	20.0
unknown22.645	22.645	9.5	ng	156338	6	23.492	328414	20.0