LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

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-BP081324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP021611.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	3	8	26	rVB	3665959	5141733	45.87%	4.072%
2	3.552	92	96	108	rVB	201269	284137	2.53%	0.225%
3	4.940	327	332	341	rVB	248536	353207	3.15%	0.280%
4	5.399	403	410	420	rBV	4261696	6290087	56.11%	4.982%
5	6.969	669	677	694	rBV	4053267	6784068	60.52%	5.373%
6	7.804	811	819	826	rBV	1234834	2027280	18.08%	1.606%
7	8.951	1005	1014	1025	rBV	2446815	4191284	37.39%	3.320%
8	9.510	1103	1109	1115	rBV	100531	154477	1.38%	0.122%
9	10.587	1285	1292	1306	rBV	1702293	2871862	25.62%	2.275%
10	11.328	1408	1418	1429	rBV	164331	378472	3.38%	0.300%
11	13.057	1704	1712	1729	rBV	5108012	7555298	67.39%	5.984%
12	14.439	1937	1947	1954	rBV	2532021	4041100	36.05%	3.201%
13	14.504	1954	1958	1966	rVB	243237	370720	3.31%	0.294%
14	14.669	1977	1986	1995	rBV	104668	250810	2.24%	0.199%
15	14.845	2011	2016	2026	rBV	96231	161454	1.44%	0.128%
16	15.504	2123	2128	2138	rVB	224758	334113	2.98%	0.265%
17	15.951	2196	2204	2214	rBV	5116060	7669676	68.41%	6.075%
18	16.998	2374	2382	2386	rVV3	111742	197153	1.76%	0.156%
19	17.063	2388	2393	2404	rVB	127054	221898	1.98%	0.176%
20	17.245	2417	2424	2428	rBV	3380601	5077738	45.29%	4.022%
21	17.292	2428	2432	2438	rVV	2849336	4154976	37.06%	3.291%
22	17.386	2438	2448	2454	rVV	560938	941975	8.40%	0.746%
23	17.451	2454	2459	2467	rVB	61133	117334	1.05%	0.093%
24	17.663	2486	2495	2502	rBV2	254583	481426	4.29%	0.381%
25	18.163	2575	2580	2582	rBV	182709	252816	2.26%	0.200%
26	18.204	2582	2587	2595	rVV2	545784	1069371	9.54%	0.847%
27	18.286	2595	2601	2606	rVV2	103138	200228	1.79%	0.159%
28	18.357	2607	2613	2618	rVV2	429765	774295	6.91%	0.613%
29	18.398	2618	2620	2626	rVB	117804	151767	1.35%	0.120%
30	18.680	2663	2668	2671	rBV	184253	268362	2.39%	0.213%
31	18.716	2671	2674	2680	rVB	111953	166598	1.49%	0.132%
32	19.122	2737	2743	2748	rBV4	71815	148678	1.33%	0.118%
33	19.257	2762	2766	2775	rBV2	84748	152484	1.36%	0.121%
34	19.386	2781	2788	2794	rBV	4340718	6989008	62.34%	5.535%
35	19.533	2809	2813	2817	rBV5	80968	122503	1.09%	0.097%
36	19.633	2827	2830	2836	rVB	123098	184425	1.65%	0.146%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

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-BP081324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.763	2842	2852	2862	rBV	3828897	7827251	69.82%	6.199%
38	19.986	2885	2890	2901	rVB	9514118	11210550	100.00%	8.879%
39	20.104	2904	2910	2915	rBV3	200557	481018	4.29%	0.381%
40	20.245	2930	2934	2935	rBV2	119862	155185	1.38%	0.123%
41	20.286	2936	2941	2946	rVB	491470	799865	7.13%	0.634%
42	20.386	2954	2958	2962	rBV	621171	713042	6.36%	0.565%
43	20.445	2962	2968	2971	rVV2	279498	464942	4.15%	0.368%
44	20.480	2971	2974	2978	rVB2	145999	177573	1.58%	0.141%
45	20.586	2988	2992	2996	rBV4	117492	185228	1.65%	0.147%
46	20.639	2997	3001	3006	rVV4	125105	224881	2.01%	0.178%
47	21.268	3104	3108	3113	rVB	228984	374756	3.34%	0.297%
48	21.321	3113	3117	3121	rVB	229391	290241	2.59%	0.230%
49	21.386	3121	3128	3133	rBV4	621282	1398873	12.48%	1.108%
50	21.716	3176	3184	3190	rBV3	4182368	9743303	86.91%	7.717%
51	21.768	3190	3193	3202	rVB	1829708	2819572	25.15%	2.233%
52	21.921	3215	3219	3228	rVB	331131	542763	4.84%	0.430%
53	22.145	3253	3257	3266	rVB3	245898	478927	4.27%	0.379%
54	23.951	3558	3564	3572	rVB2	683920	1543440	13.77%	1.222%
55	24.074	3576	3585	3592	rBV	1321861	4450220	39.70%	3.525%
56	24.333	3625	3629	3636	rVB2	238103	422169	3.77%	0.334%
57	24.845	3709	3716	3729	rVB	889735	2383009	21.26%	1.887%
58	24.992	3733	3741	3752	rVB	1215481	3119207	27.82%	2.470%
59	25.151	3759	3768	3776	rBV	2183733	5919487	52.80%	4.688%

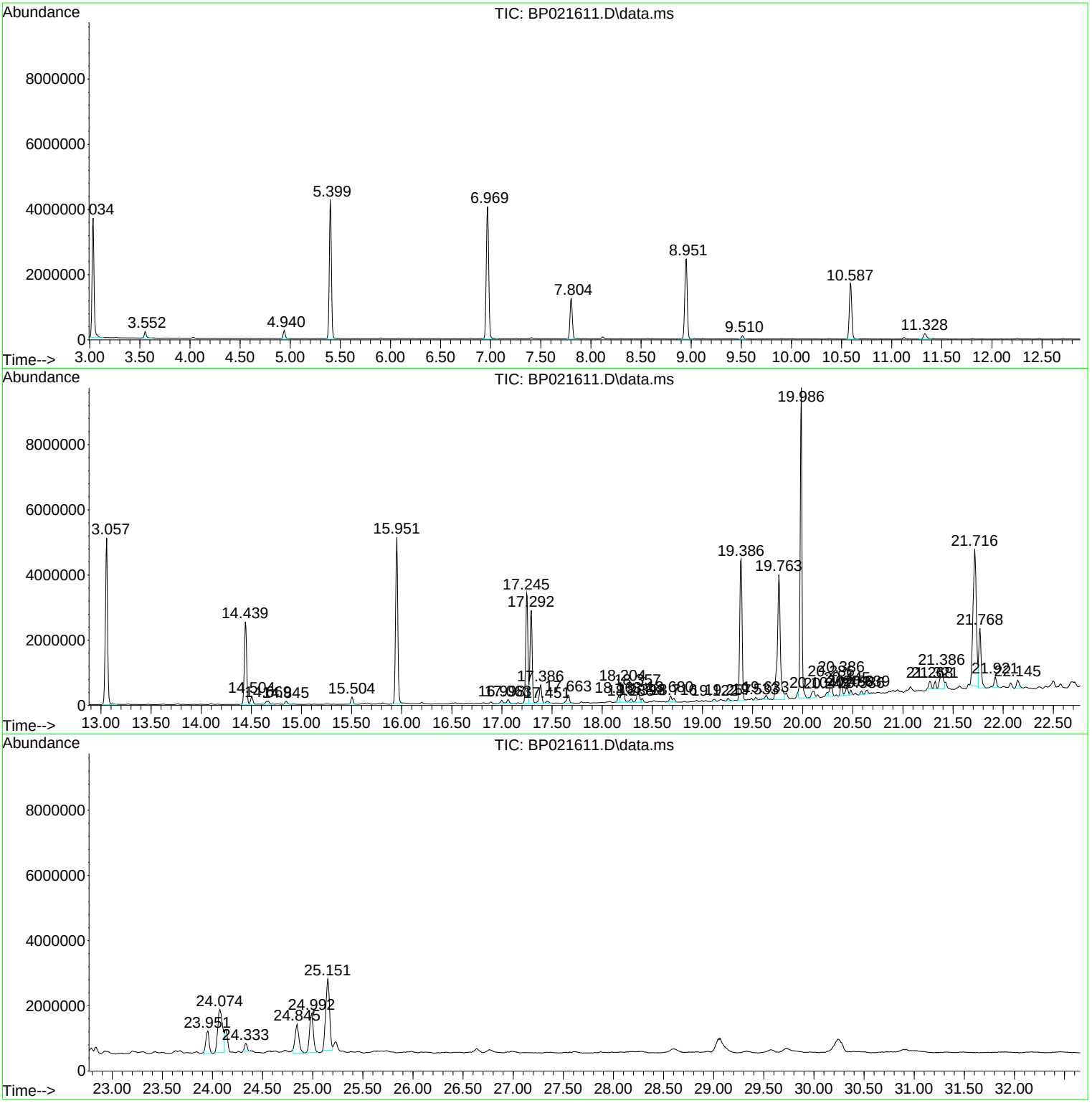
Sum of corrected areas: 126258315

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

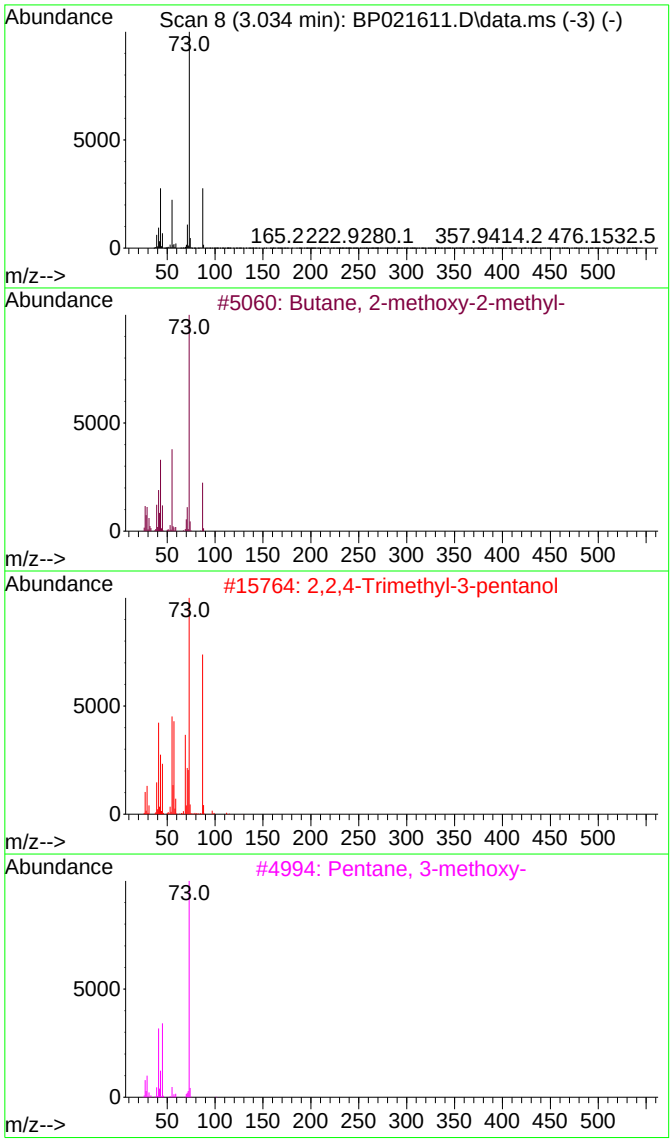
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

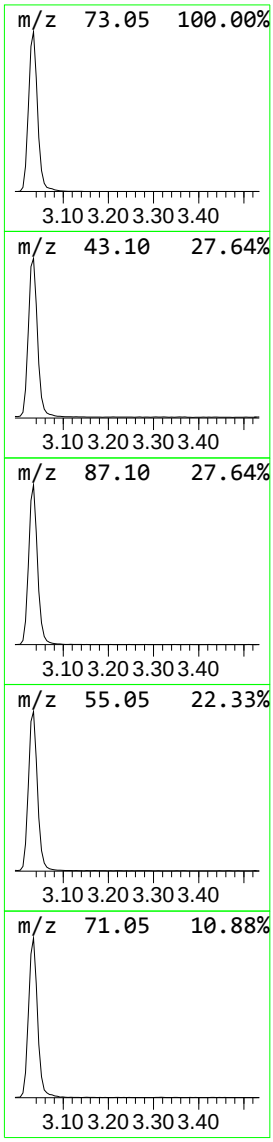
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	50.73 ng	5141730	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

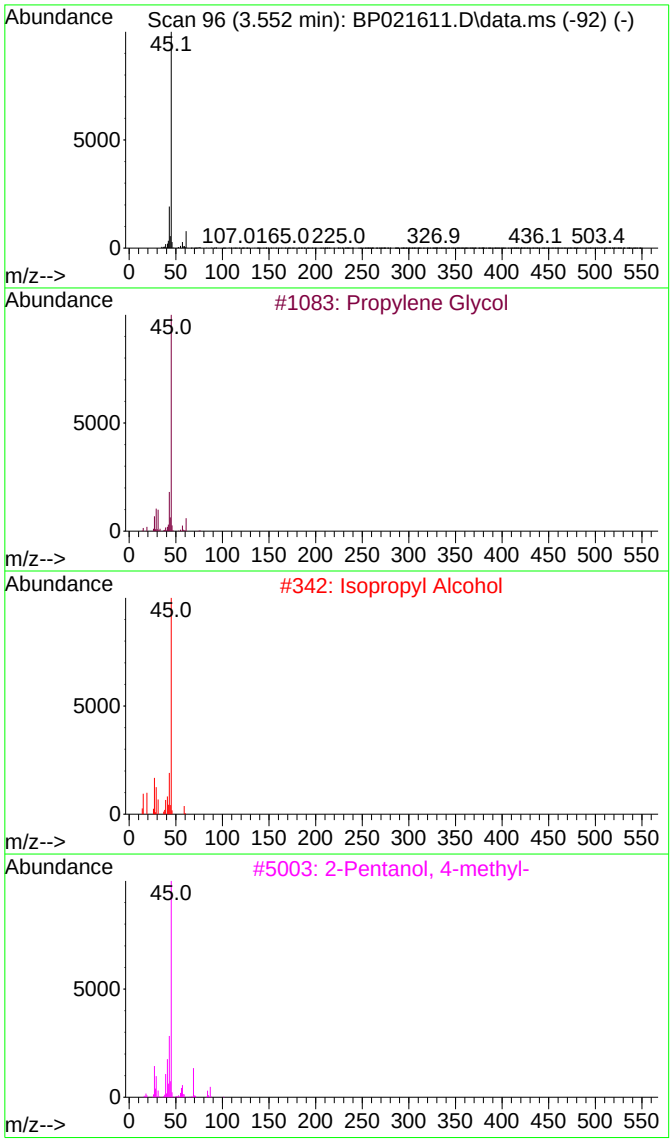
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

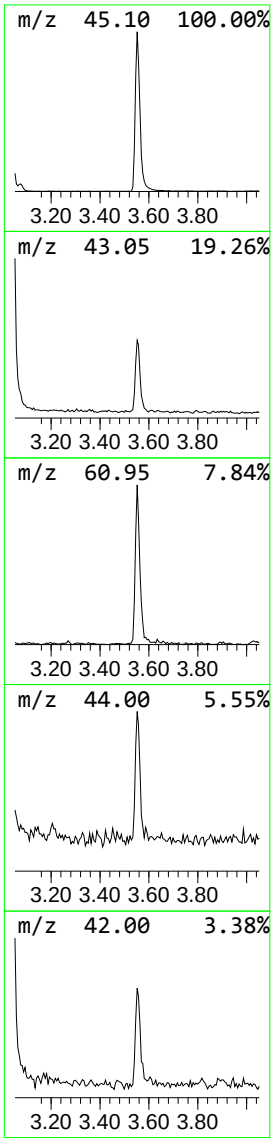
****

Peak Number 2 Propylene Glycol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.552	2.80 ng	284137	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	39
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	23
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	(2R,4R)-(-)-Pentanediol	104	C5H12O2	042075-32-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

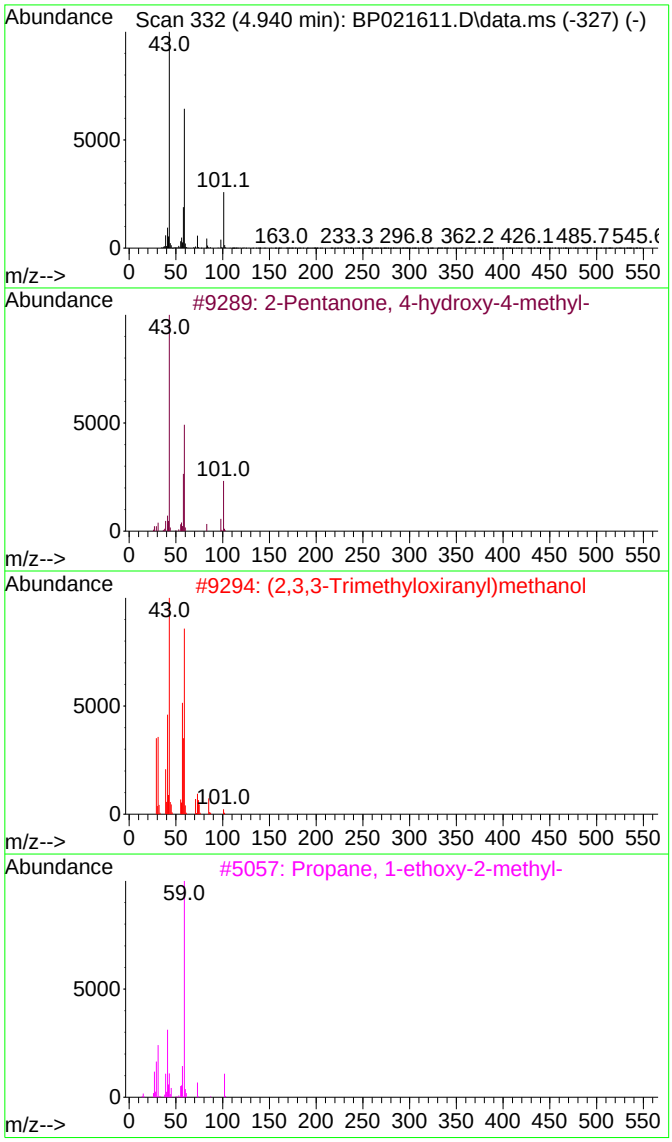
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

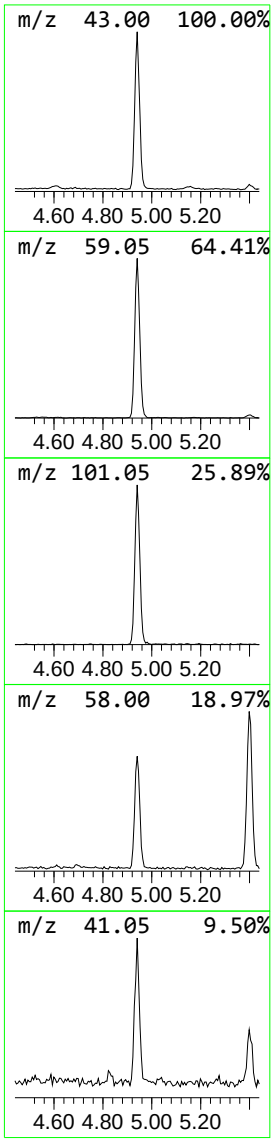
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.940	3.48 ng	353207	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(2,3,3-Trimethyloxiranyl)methanol	116	C6H12O2	1000306-64-7	28
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	27
4	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	25
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

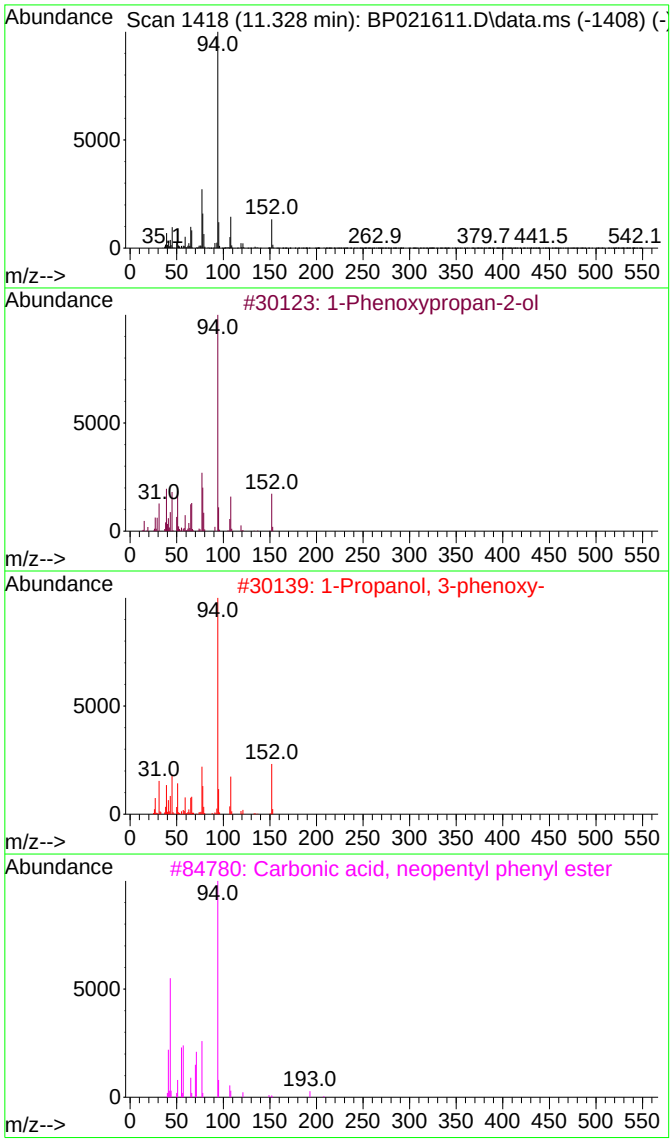
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

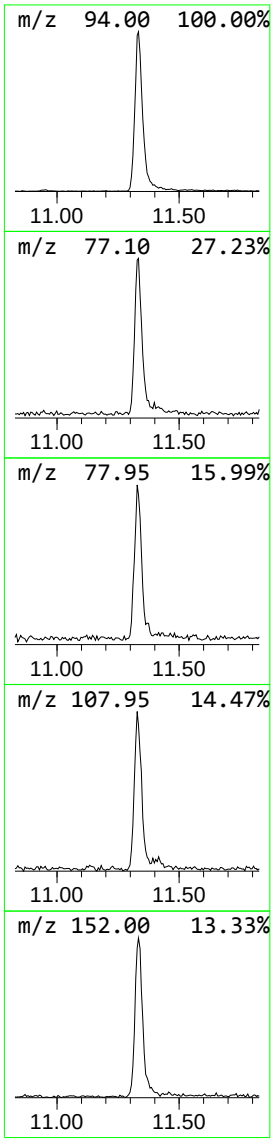
****

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.328	2.64 ng	378472	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
3	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	59
5	Carbonic acid, phenyl propyl ester	180	C10H12O3	013183-16-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

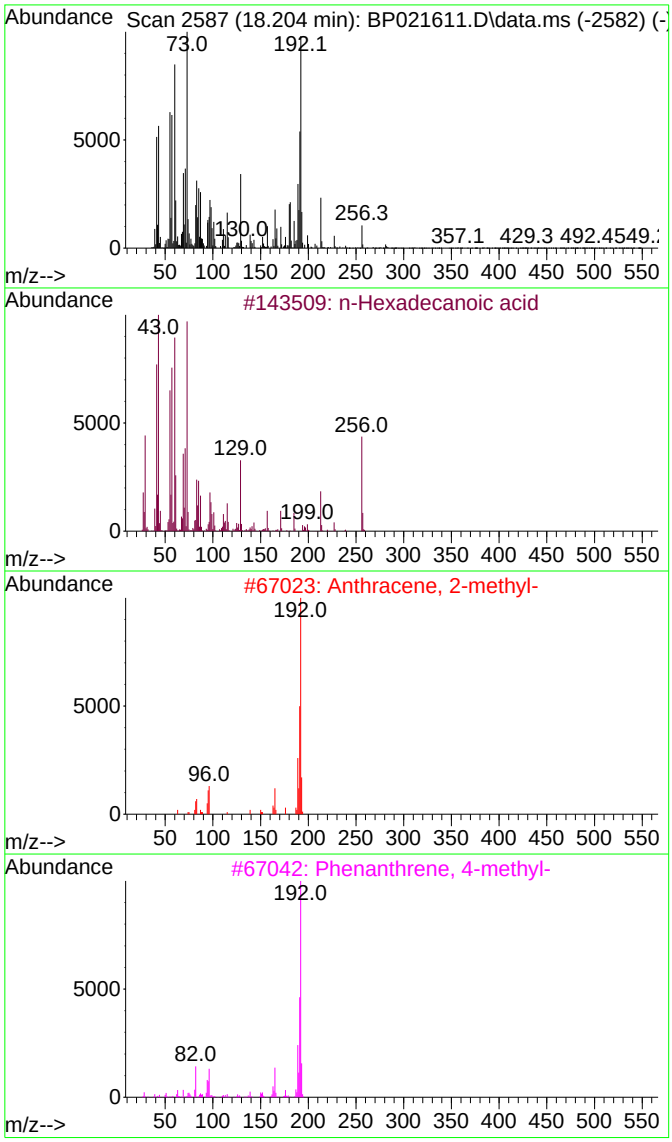
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

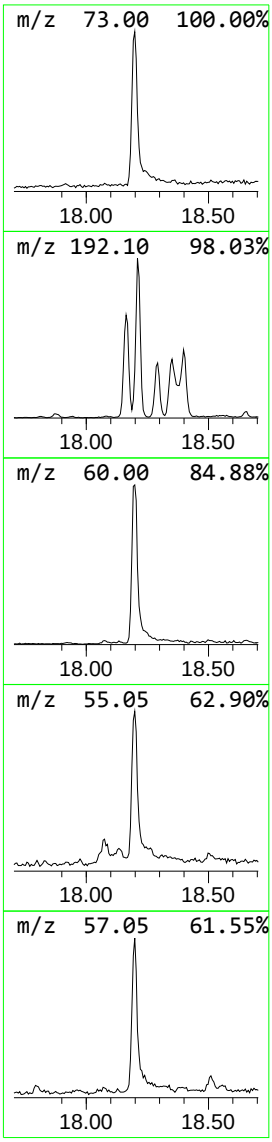
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	4.21 ng	1069370	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	52
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	52
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	51





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

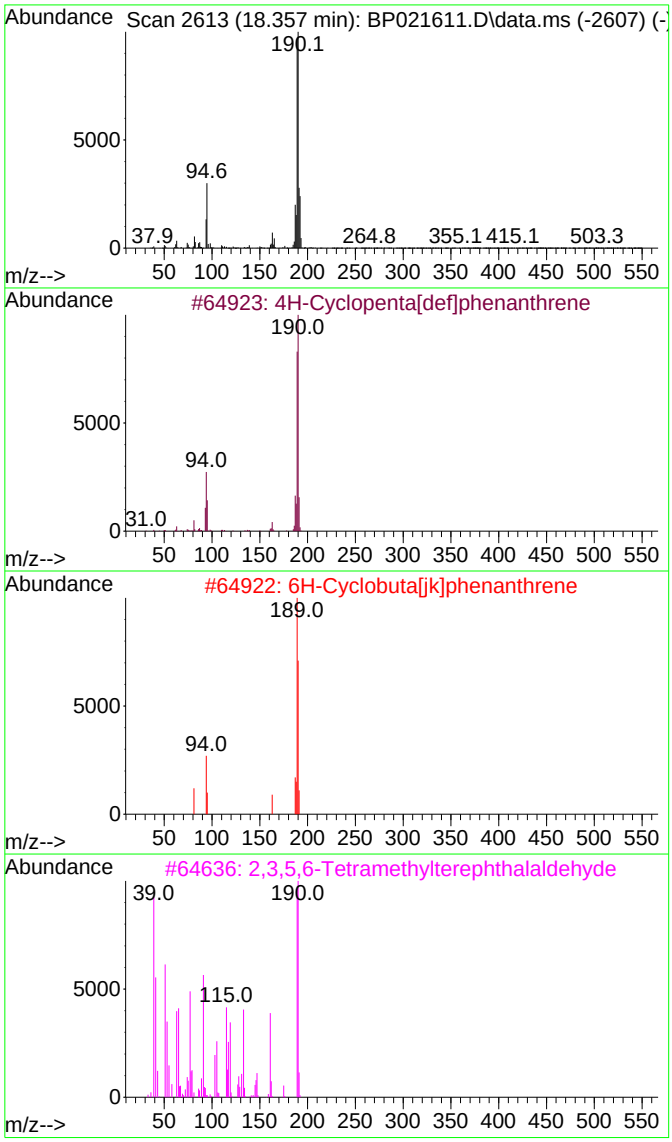
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

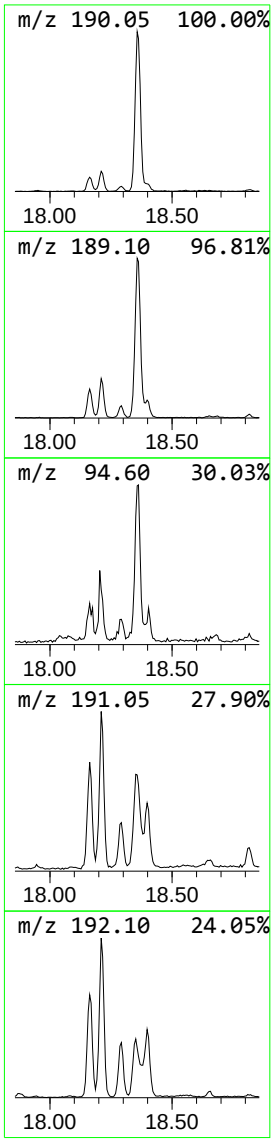
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	3.05 ng	774295	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

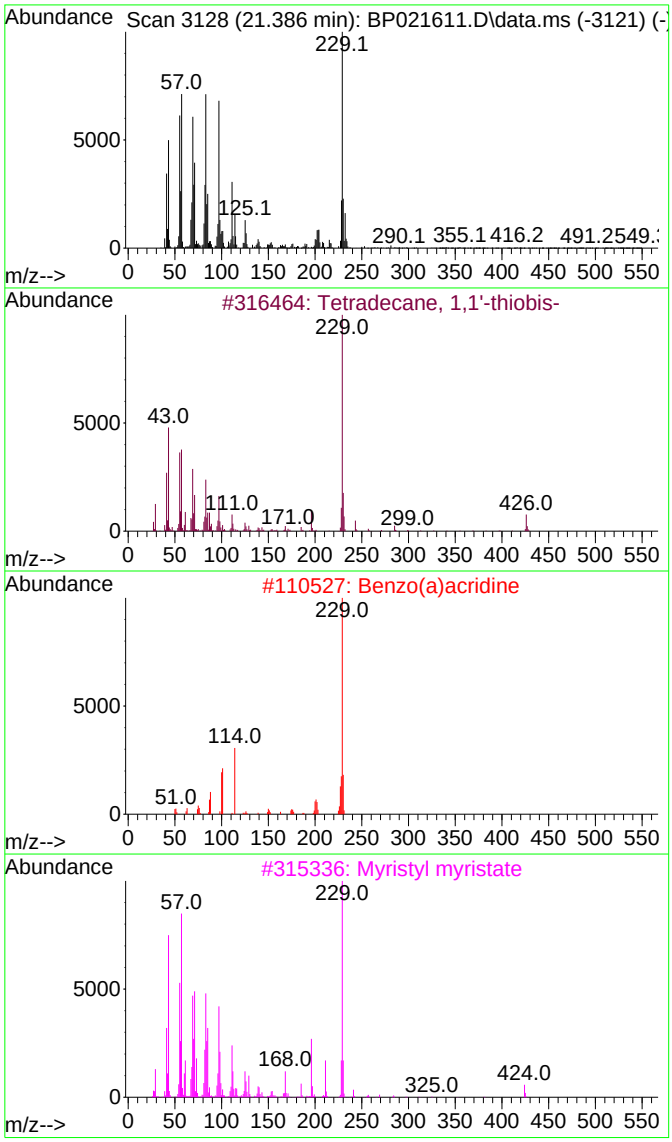
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

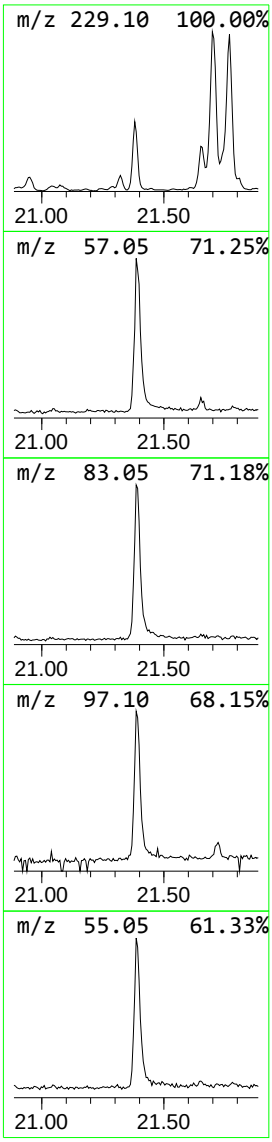
****

Peak Number 7 Tetradecane, 1,1'-thiobis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	2.87 ng	1398870	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1,1'-thiobis-	426	C28H58S	035599-83-8	59
2	Benzo(a)acridine	229	C17H11N	000225-11-6	41
3	Myristyl myristate	424	C28H56O2	003234-85-3	40
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	38
5	Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	32





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Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

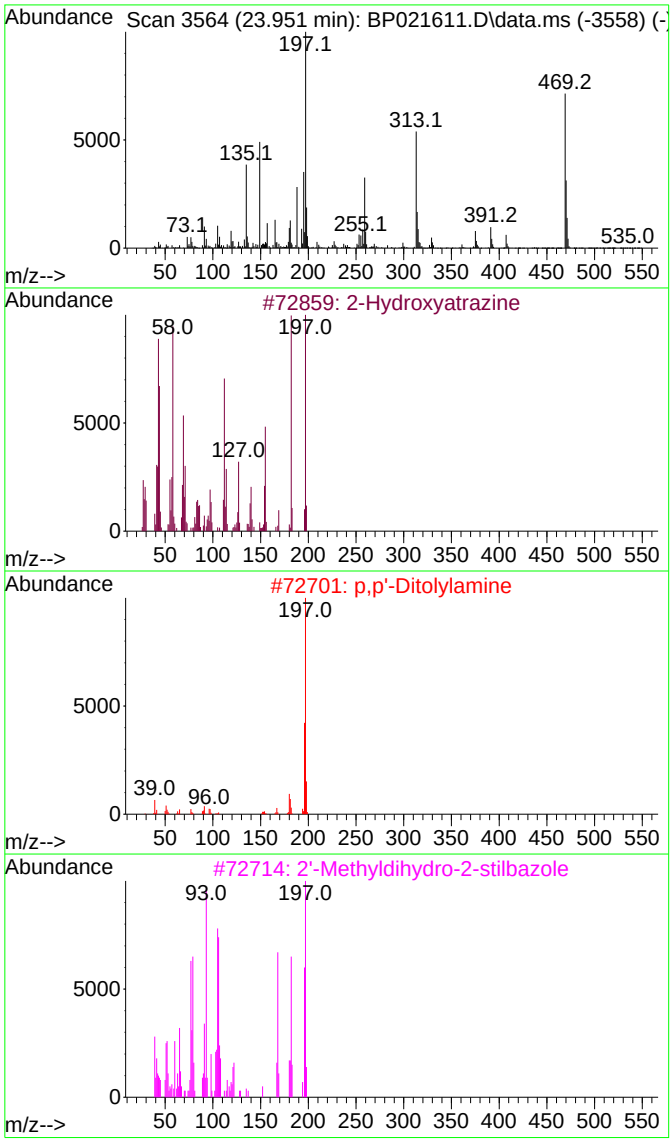
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

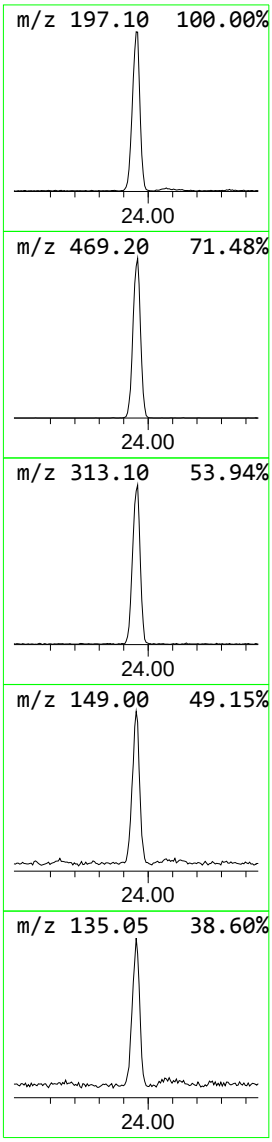
****

Peak Number 8 unknown23.951 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.951	5.21 ng	1543440	Perylene-d12	25.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyatrazine	197	C8H15N5O	002163-68-0	15
2	p,p'-Ditolylamine	197	C14H15N	000620-93-9	15
3	2'-Methyldihydro-2-stilbazole	197	C14H15N	058246-68-7	11
4	9H-Carbazole-3,6-diamine	197	C12H11N3	000086-71-5	11
5	Benzophenone dimethyl ketal	228	C15H16O2	002235-01-0	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

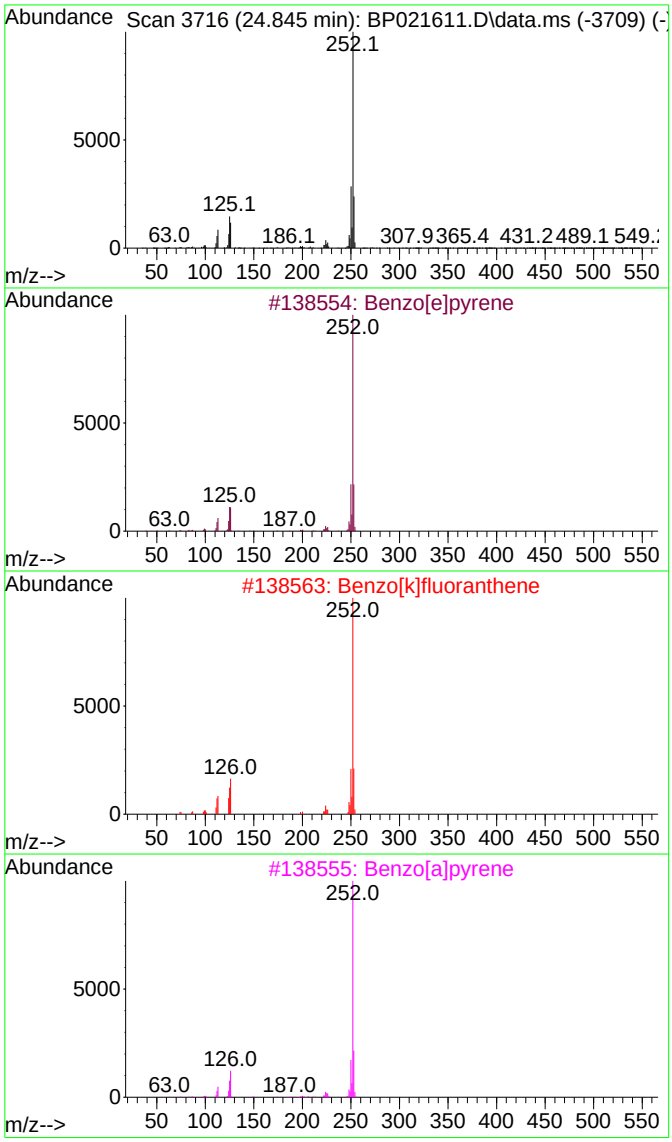
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

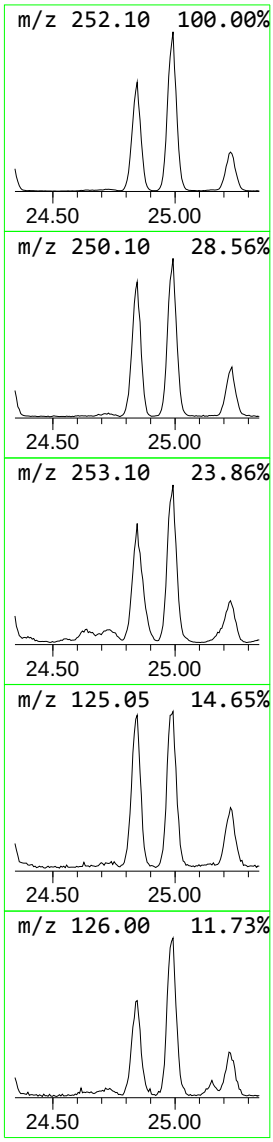
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.845	8.05 ng	2383010	Perylene-d12	25.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021611.D
Acq On : 22 Aug 2024 12:57
Operator : RC/JU
Sample : P3671-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-905-KJ-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.034	50.7	ng	5141730	1	7.804	2027280	20.0
Propylene Glycol	3.552	2.8	ng	284137	1	7.804	2027280	20.0
2-Pentanone, 4-...	4.940	3.5	ng	353207	1	7.804	2027280	20.0
1-Phenoxypropan...	11.328	2.6	ng	378472	2	10.587	2871860	20.0
n-Hexadecanoic ...	18.204	4.2	ng	1069370	4	17.245	5077740	20.0
4H-Cyclopenta[d...	18.357	3.0	ng	774295	4	17.245	5077740	20.0
Tetradecane, 1,...	21.386	2.9	ng	1398870	5	21.721	9743300	20.0
unknown23.951	23.951	5.2	ng	1543440	6	25.151	5919490	20.0
Benzo[e]pyrene	24.845	8.1	ng	2383010	6	25.151	5919490	20.0