LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-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-BP082420.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	2.917	3	5	20	rVB	369266	516584	9.51%	1.575%
2	4.211	220	225	237	rBV	39451	61927	1.14%	0.189%
3	4.793	319	324	334	rVB	72571	110848	2.04%	0.338%
4	5.263	397	404	421	rBV	879377	1376664	25.34%	4.196%
5	6.834	664	671	685	rBV	913017	1612840	29.69%	4.916%
6	7.257	737	743	751	rBV	32262	61748	1.14%	0.188%
7	7.652	799	810	819	rBV	403779	641127	11.80%	1.954%
8	8.434	936	943	956	rBV	47108	93560	1.72%	0.285%
9	8.799	995	1005	1016	rBV	605890	1029687	18.95%	3.138%
10	10.428	1274	1282	1288	rBV	533785	932456	17.16%	2.842%
11	10.481	1288	1291	1300	rVB	105087	176469	3.25%	0.538%
12	12.104	1560	1567	1575	rBV	78384	135800	2.50%	0.414%
13	12.322	1594	1604	1611	rVB	48619	77891	1.43%	0.237%
14	12.910	1697	1704	1722	rBV	1928934	2962846	54.54%	9.031%
15	13.616	1818	1824	1829	rBV2	33951	61661	1.13%	0.188%
16	13.751	1841	1847	1855	rBV	255083	365515	6.73%	1.114%
17	14.016	1886	1892	1901	rVB	46029	77702	1.43%	0.237%
18	14.134	1906	1912	1923	rVV3	19186	58799	1.08%	0.179%
19	14.292	1932	1939	1946	rBV	886625	1304000	24.00%	3.975%
20	14.357	1946	1950	1960	rVB	32821	55358	1.02%	0.169%
21	14.698	2003	2008	2017	rVB2	43862	73385	1.35%	0.224%
22	15.345	2113	2118	2125	rBV	59687	86695	1.60%	0.264%
23	15.786	2187	2193	2203	rBV	1235482	1774191	32.66%	5.408%
24	16.045	2230	2237	2240	rBV4	36340	56335	1.04%	0.172%
25	17.045	2401	2407	2411	rBV	1190579	1634955	30.09%	4.983%
26	17.086	2411	2414	2421	rVV	337043	459707	8.46%	1.401%
27	17.180	2421	2430	2435	rVB	79559	138114	2.54%	0.421%
28	17.922	2552	2556	2559	rBV	50749	64080	1.18%	0.195%
29	17.963	2559	2563	2570	rVV2	172911	255671	4.71%	0.779%
30	18.104	2583	2587	2592	rBV3	60855	113824	2.10%	0.347%
31	18.716	2685	2691	2698	rBV2	133677	211677	3.90%	0.645%
32	18.869	2713	2717	2721	rBV2	51206	63424	1.17%	0.193%
33	19.063	2745	2750	2759	rBV	429263	564765	10.40%	1.721%
34	19.204	2770	2774	2779	rBV2	51466	83939	1.55%	0.256%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-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-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.416	2802	2810	2820	rBV	393946	642469	11.83%	1.958%
36	19.622	2837	2845	2856	rBV	4379177	5432901	100.00%	16.559%
37	19.739	2861	2865	2870	rBV4	28520	61056	1.12%	0.186%
38	19.904	2890	2893	2897	rVB	61484	73061	1.34%	0.223%
39	20.057	2915	2919	2923	rVB2	47541	67441	1.24%	0.206%
40	20.633	3014	3017	3022	rVB	43904	63053	1.16%	0.192%
41	20.874	3054	3058	3063	rBV2	402054	566212	10.42%	1.726%
42	21.139	3096	3103	3107	rBV	2223292	2972464	54.71%	9.060%
43	21.174	3107	3109	3117	rVB	248552	304282	5.60%	0.927%
44	21.739	3203	3205	3212	rVB5	58558	85868	1.58%	0.262%
45	22.192	3278	3282	3295	rVB4	158441	313472	5.77%	0.955%
46	22.698	3363	3368	3385	rBV	266706	802719	14.78%	2.447%
47	23.174	3445	3449	3457	rVB	180134	337879	6.22%	1.030%
48	23.268	3460	3465	3474	rBV	252786	493172	9.08%	1.503%
49	23.368	3475	3482	3489	rBV	1745840	3298830	60.72%	10.055%

Sum of corrected areas: 32809123

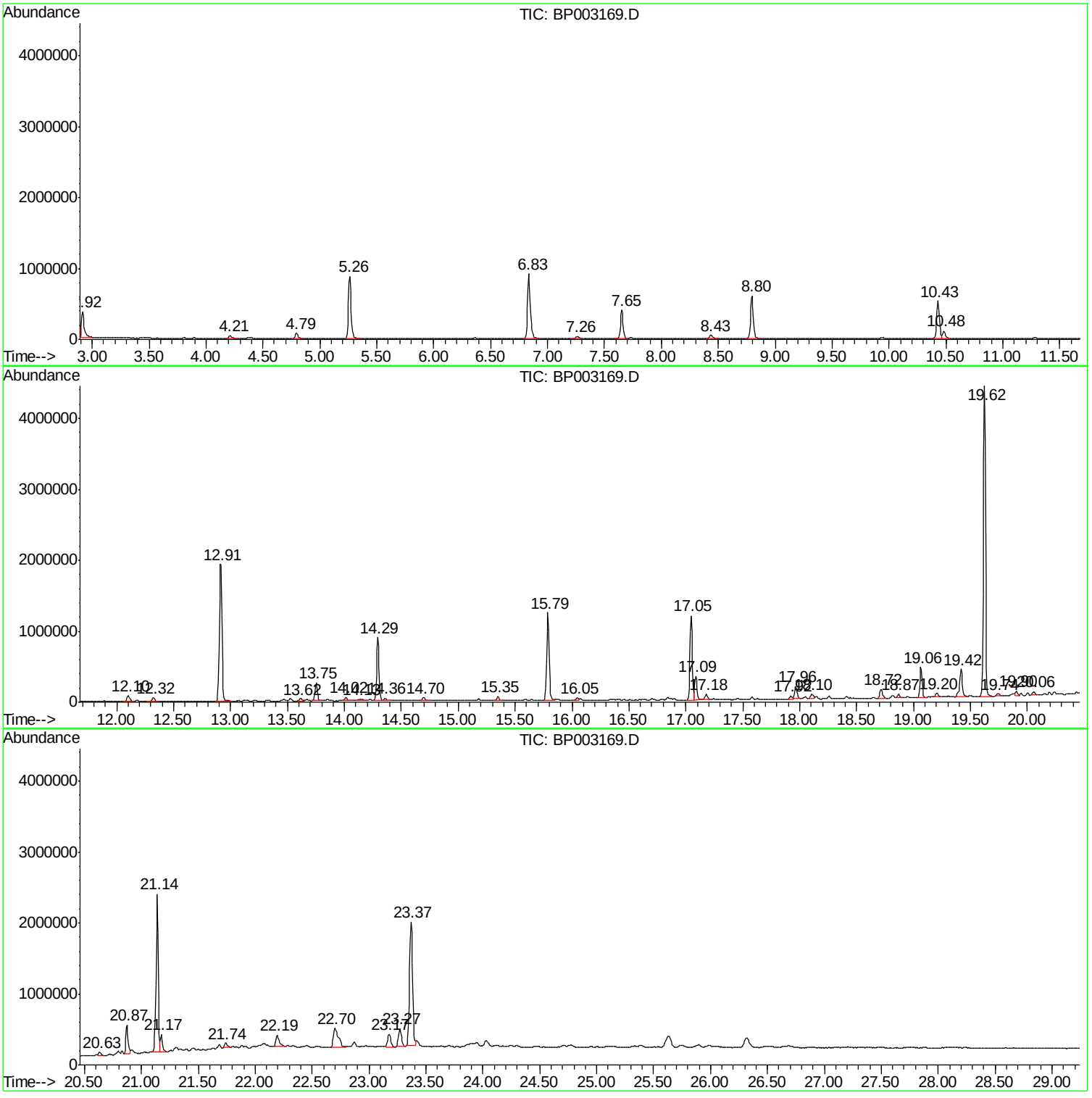
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

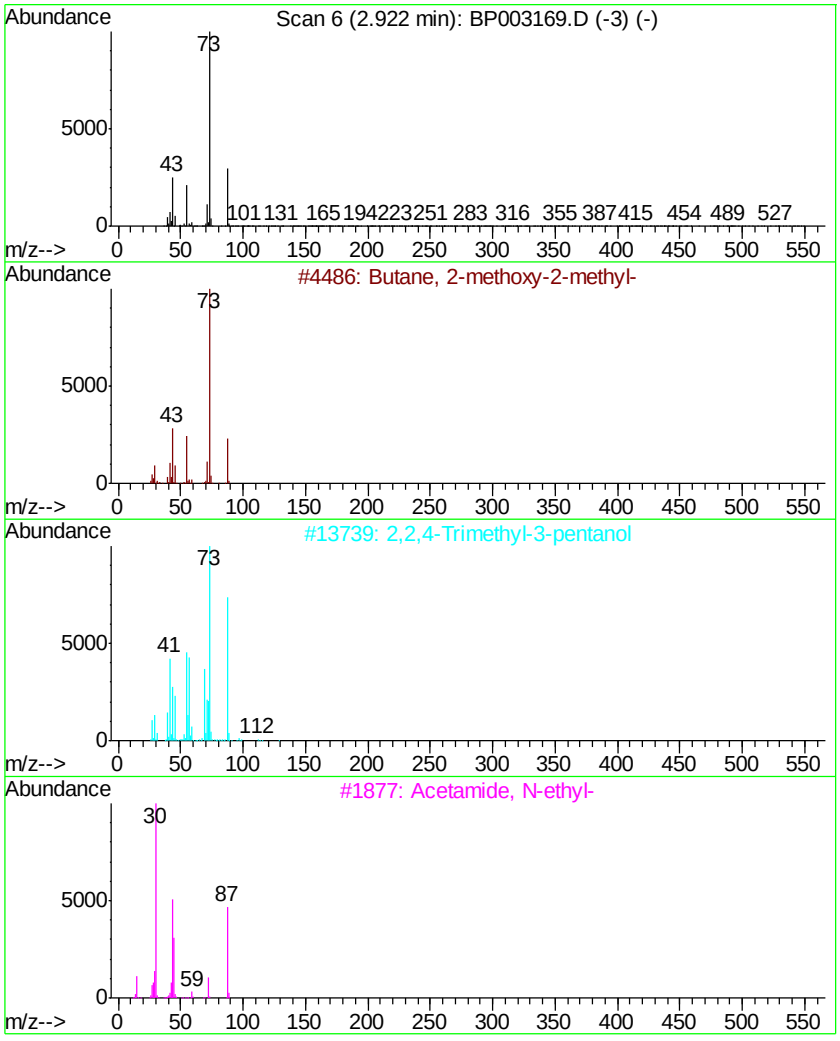
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

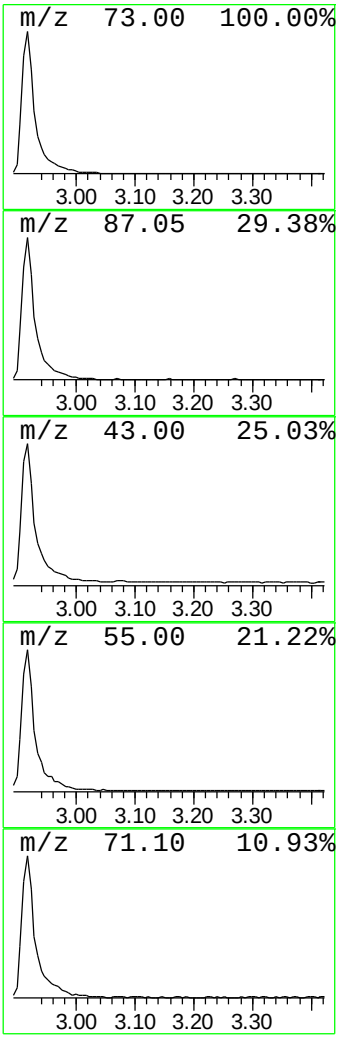
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	16.11 ng	516584	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

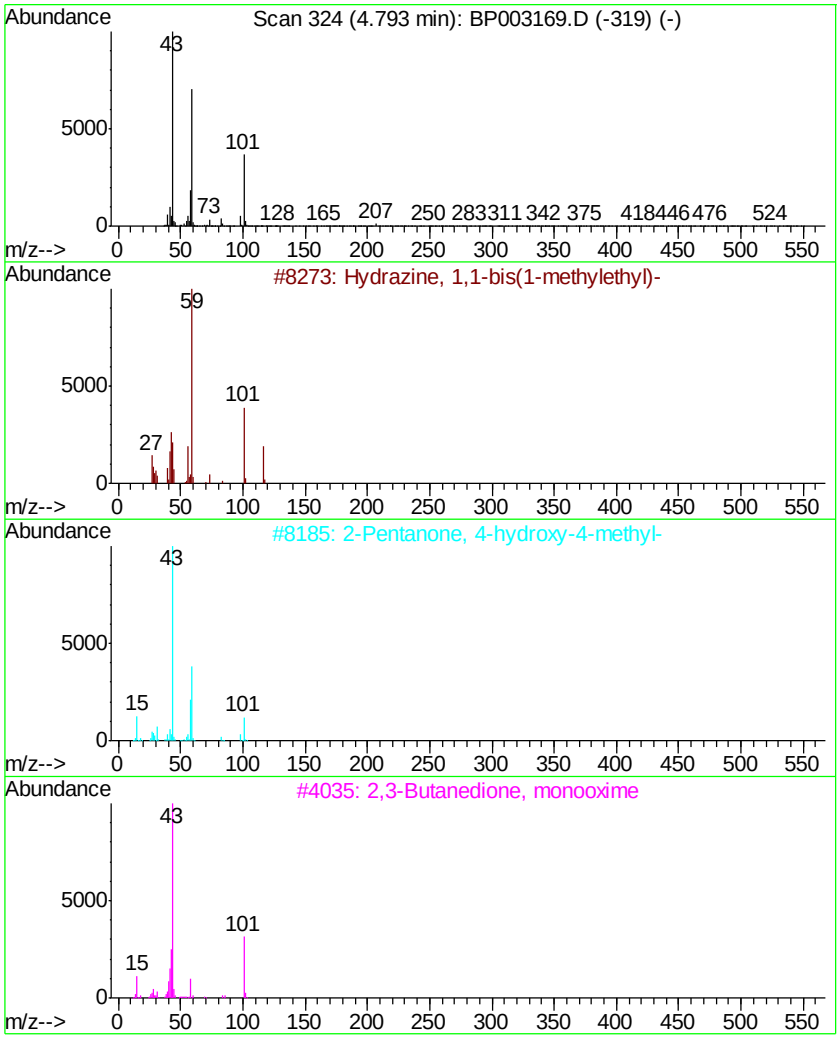
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

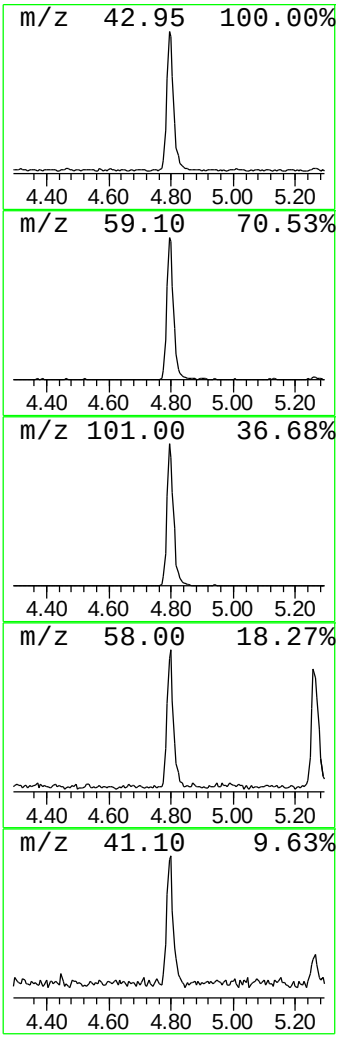
****

Peak Number 2 unknown4.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	3.46 ng	110848	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	32
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

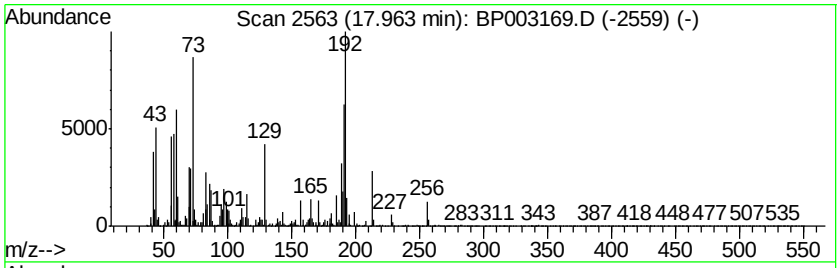
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

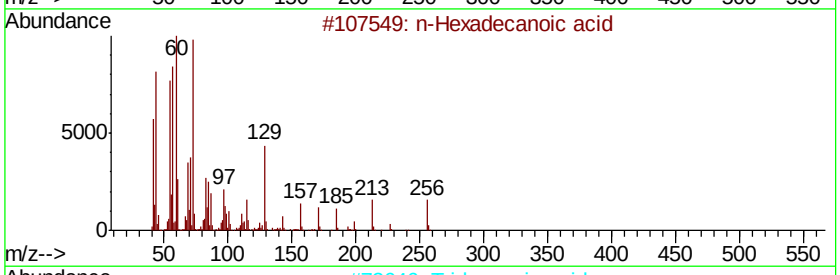
****

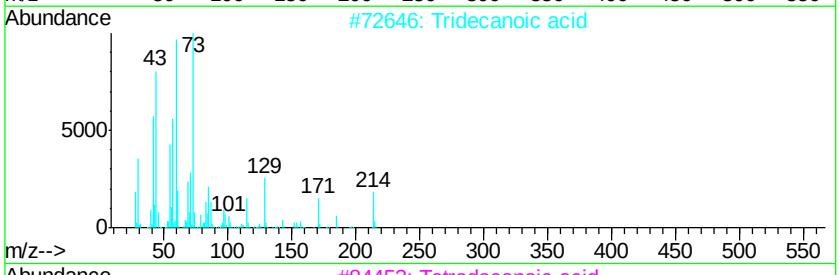
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

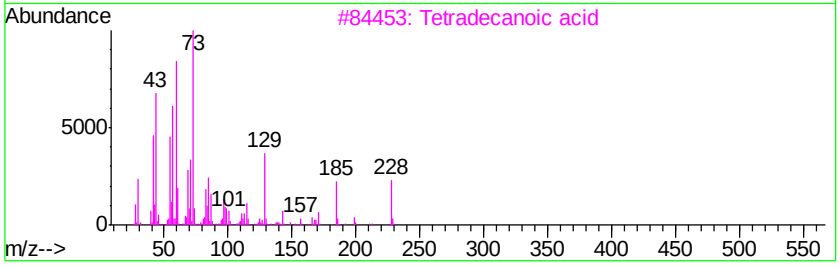
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.13 ng	255671	Phenanthrene-d10	17.05

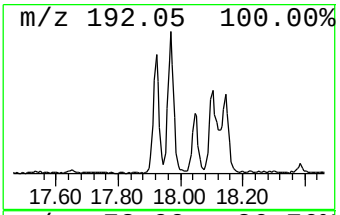
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64

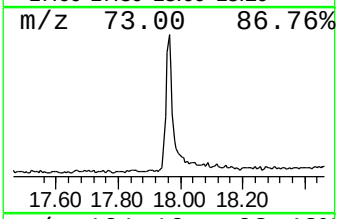


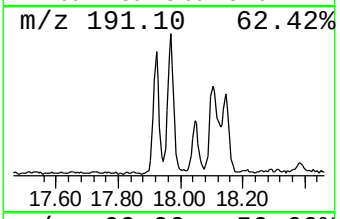


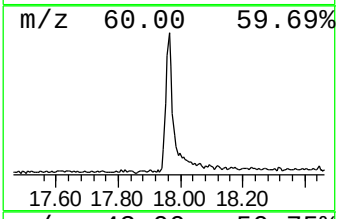


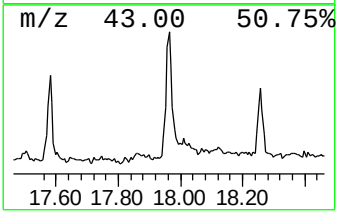












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

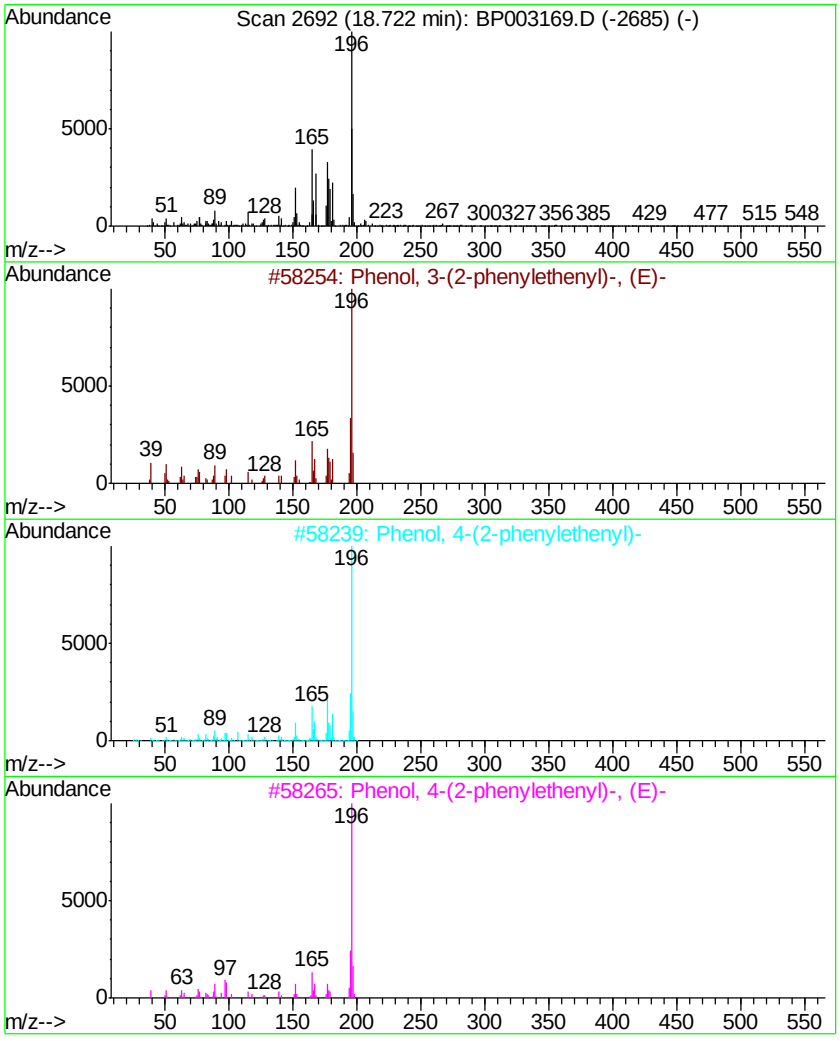
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

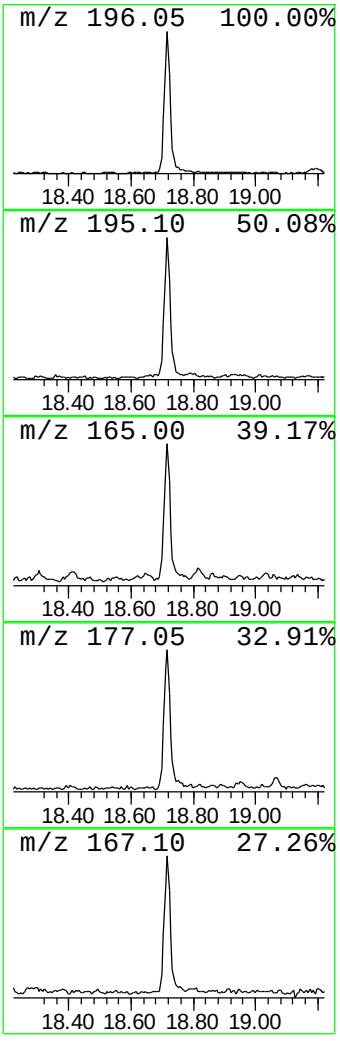
****

Peak Number 4 Phenol, 3-(2-phenylethenyl)... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.59 ng	211677	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	93
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	81
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	70
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	64
5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

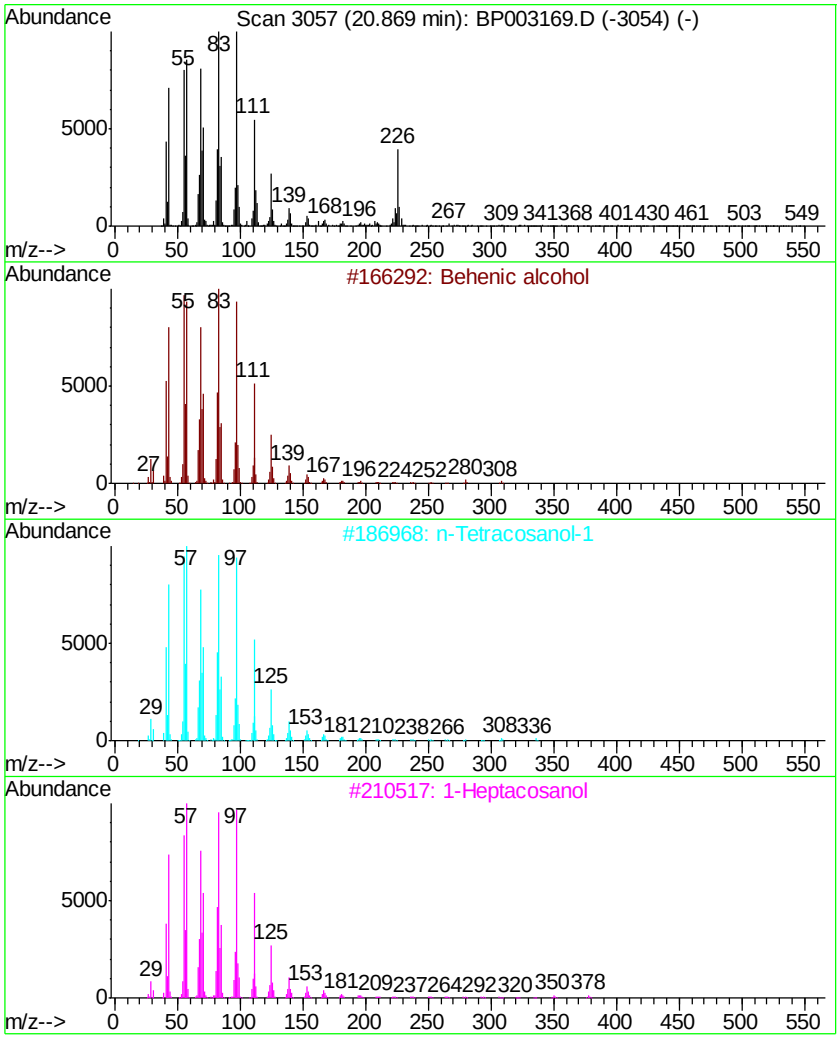
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

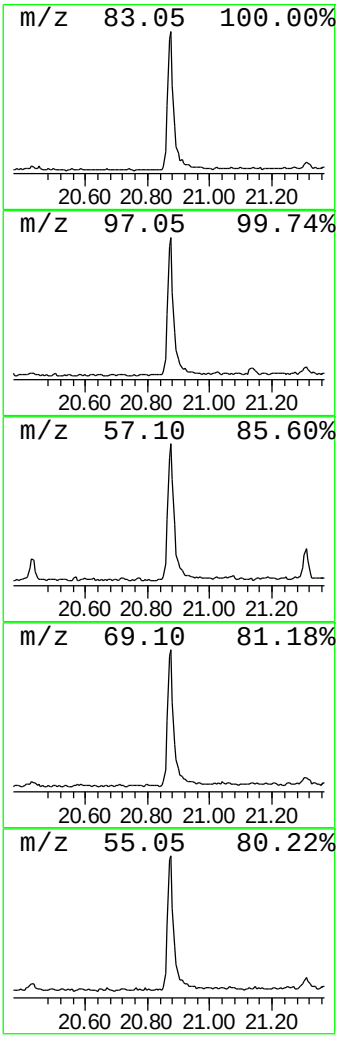
****

Peak Number 5 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.81 ng	566212	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	Cyclohexadecane	224	C16H32	000295-65-8	94
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

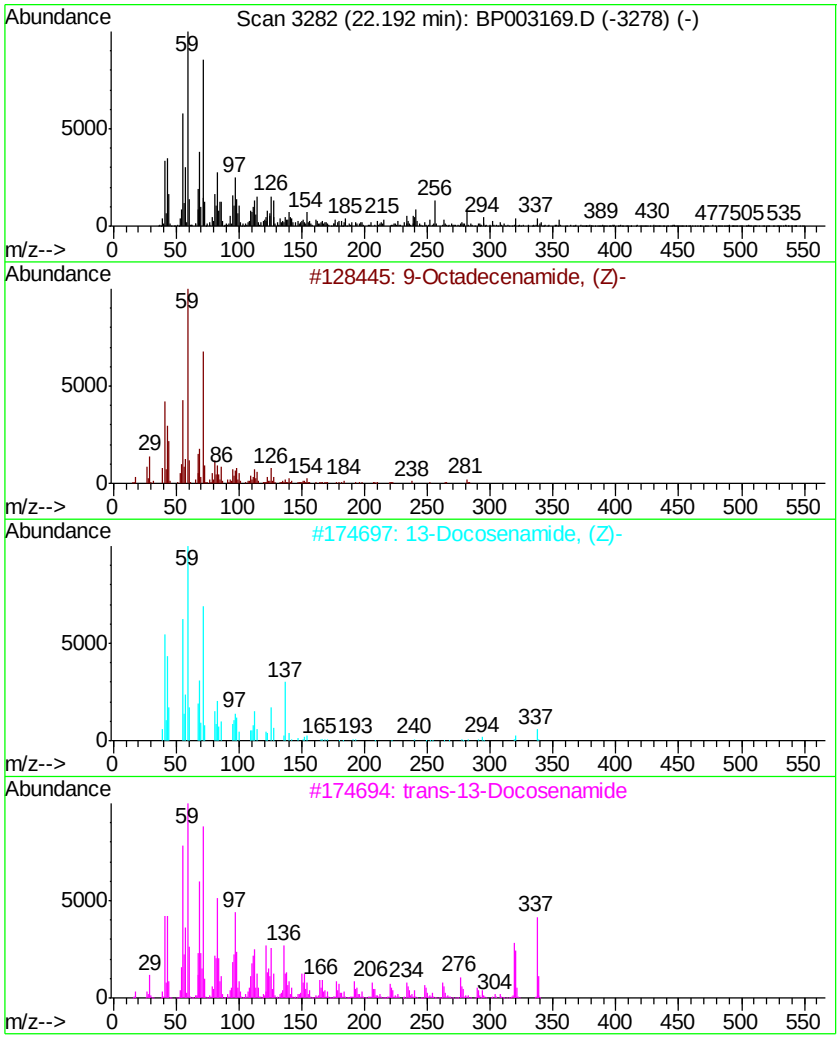
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

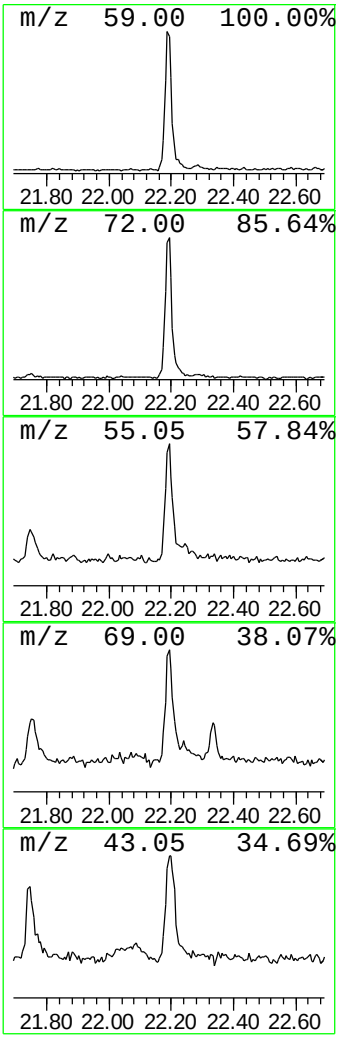
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.11 ng	313472	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	86
3	trans-13-Docosenamide	337	C22H43NO	010436-09-6	53
4	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	46
5	Ethyl dodecyl ether	214	C14H30O	007289-37-4	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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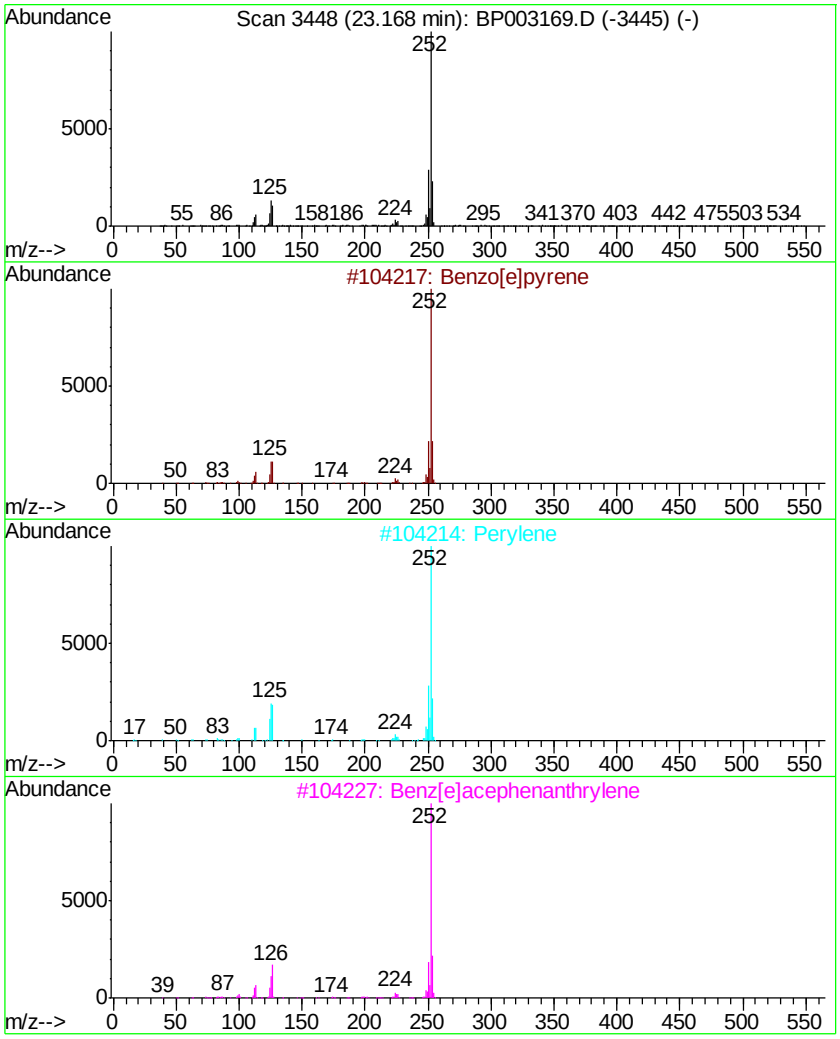
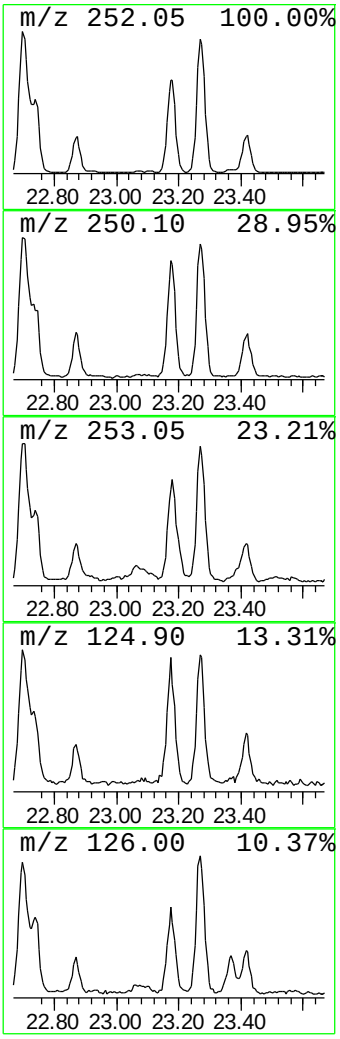
Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.05 ng	337879	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090120\
Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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...	2.92	16.1	ng	516584	1	7.65	641127	20.0
unknown4.79	4.79	3.5	ng	110848	1	7.65	641127	20.0
n-Hexadecanoic acid	17.96	3.1	ng	255671	4	17.05	1634960	20.0
Phenol, 3-(2-phen...	18.72	2.6	ng	211677	4	17.05	1634960	20.0
Behenic alcohol	20.87	3.8	ng	566212	5	21.14	2972460	20.0
9-Octadecenamide,...	22.19	2.1	ng	313472	5	21.14	2972460	20.0
Benzo[e]pyrene	23.17	2.0	ng	337879	6	23.37	3298830	20.0