LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003170.D
Acq On : 01 Sep 2020 16:59
Operator : CG/JU
Sample : L3848-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-02-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	2.916	3	5	22	rVB	488824	670580	10.13%	1.552%
2	5.263	398	404	424	rBV	1191479	1830302	27.65%	4.237%
3	6.834	664	671	688	rBV	1151239	1889128	28.54%	4.373%
4	7.651	803	810	819	rBV	494501	776377	11.73%	1.797%
5	8.798	996	1005	1023	rBV	779178	1314171	19.85%	3.042%
6	10.428	1275	1282	1289	rBV	634959	1105980	16.71%	2.560%
7	12.910	1697	1704	1720	rBV	2469088	3778202	57.08%	8.745%
8	13.751	1842	1847	1860	rBV	197929	290390	4.39%	0.672%
9	14.292	1932	1939	1946	rBV2	1080121	1602147	24.20%	3.709%
10	15.786	2186	2193	2218	rBV	1917358	2826673	42.70%	6.543%
11	16.863	2368	2376	2389	rVB2	37415	73238	1.11%	0.170%
12	17.045	2400	2407	2411	rBV	1425118	2037051	30.77%	4.715%
13	17.086	2411	2414	2420	rVB	710400	945796	14.29%	2.189%
14	17.180	2425	2430	2437	rVB	124543	184795	2.79%	0.428%
15	17.451	2468	2476	2482	rBV	56437	95733	1.45%	0.222%
16	17.922	2551	2556	2559	rBV	59957	77273	1.17%	0.179%
17	17.963	2559	2563	2571	rVV2	245132	362780	5.48%	0.840%
18	18.110	2582	2588	2592	rBV2	90358	156804	2.37%	0.363%
19	18.816	2703	2708	2713	rBV2	41563	74452	1.12%	0.172%
20	19.063	2745	2750	2758	rBV	1081037	1460093	22.06%	3.380%
21	19.204	2770	2774	2779	rBV3	59382	85643	1.29%	0.198%
22	19.416	2801	2810	2819	rBV	942808	1398816	21.13%	3.238%
23	19.621	2837	2845	2858	rBV	5426390	6619520	100.00%	15.322%
24	19.733	2860	2864	2870	rBV3	45420	109257	1.65%	0.253%
25	19.904	2890	2893	2898	rVB	102486	134894	2.04%	0.312%
26	19.998	2906	2909	2913	rBV	57162	67292	1.02%	0.156%
27	20.057	2915	2919	2924	rVB2	71566	97973	1.48%	0.227%
28	20.633	3013	3017	3023	rVB	70589	107259	1.62%	0.248%
29	20.792	3041	3044	3048	rVB	73740	82733	1.25%	0.192%
30	20.868	3053	3057	3063	rBV2	614301	797655	12.05%	1.846%
31	21.139	3096	3103	3107	rBV2	2558754	3878837	58.60%	8.978%
32	21.174	3107	3109	3117	rVB	548420	598473	9.04%	1.385%
33	21.292	3126	3129	3131	rBV	53502	70992	1.07%	0.164%
34	21.445	3152	3155	3161	rBV3	64871	101737	1.54%	0.235%

LSC Area Percent Report

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Acq On : 01 Sep 2020 16:59
Operator : CG/JU
Sample : L3848-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-02-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	22.698	3362	3368	3374	rBV	515389	1282752	19.38%	2.969%
36	23.174	3444	3449	3458	rVB	315986	573593	8.67%	1.328%
37	23.268	3460	3465	3473	rBV	437095	812268	12.27%	1.880%
38	23.368	3475	3482	3488	rBV	1946499	3624745	54.76%	8.390%
39	25.627	3860	3866	3877	rVB3	259119	726325	10.97%	1.681%
40	26.315	3979	3983	3996	rVB	178355	478985	7.24%	1.109%

Sum of corrected areas: 43201714

LSC Report - Integrated Chromatogram

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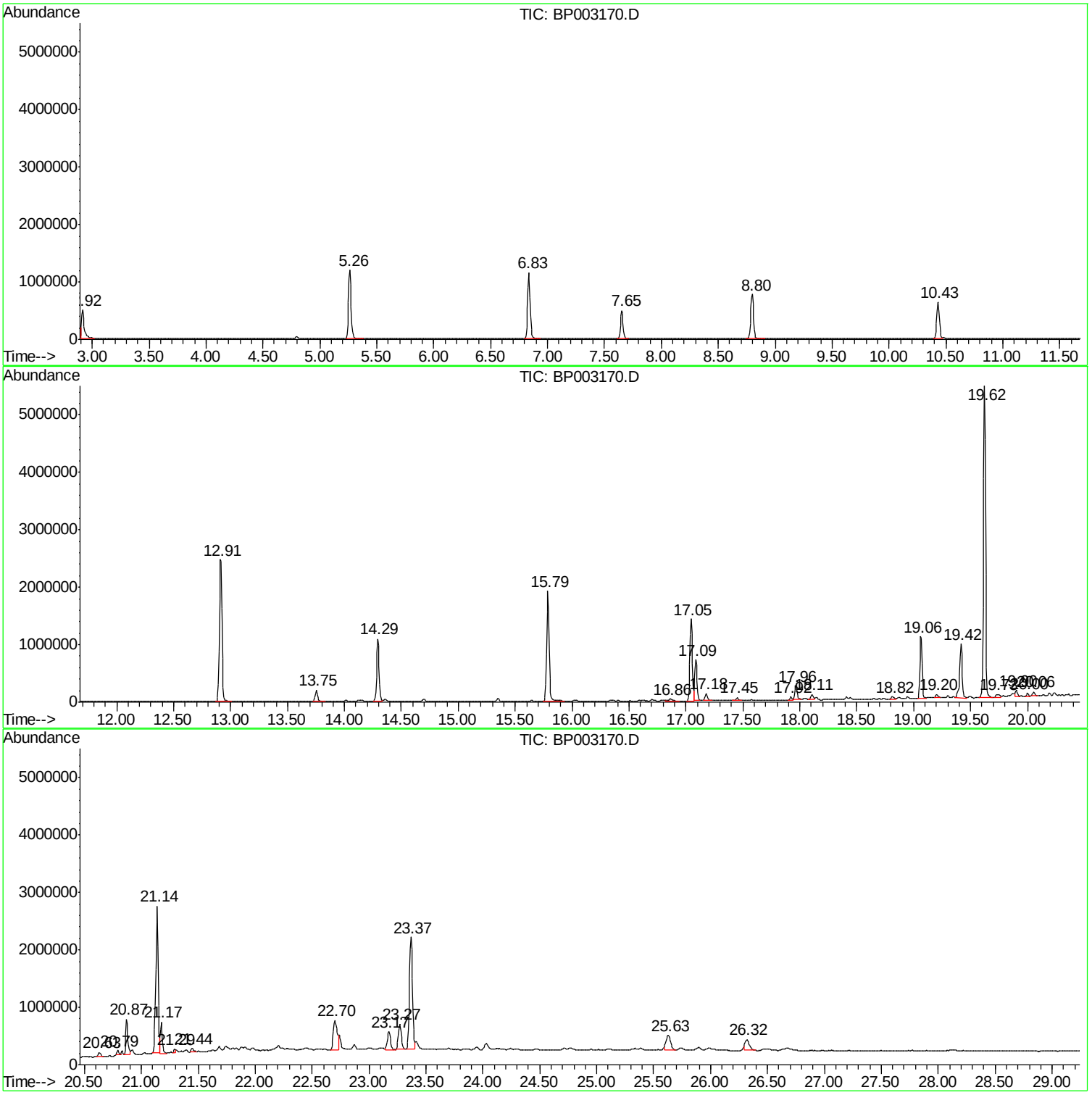
Operator : CG/JU
Sample : L3848-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-02-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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003170.D
Acq On : 01 Sep 2020 16:59
Operator : CG/JU
Sample : L3848-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-02-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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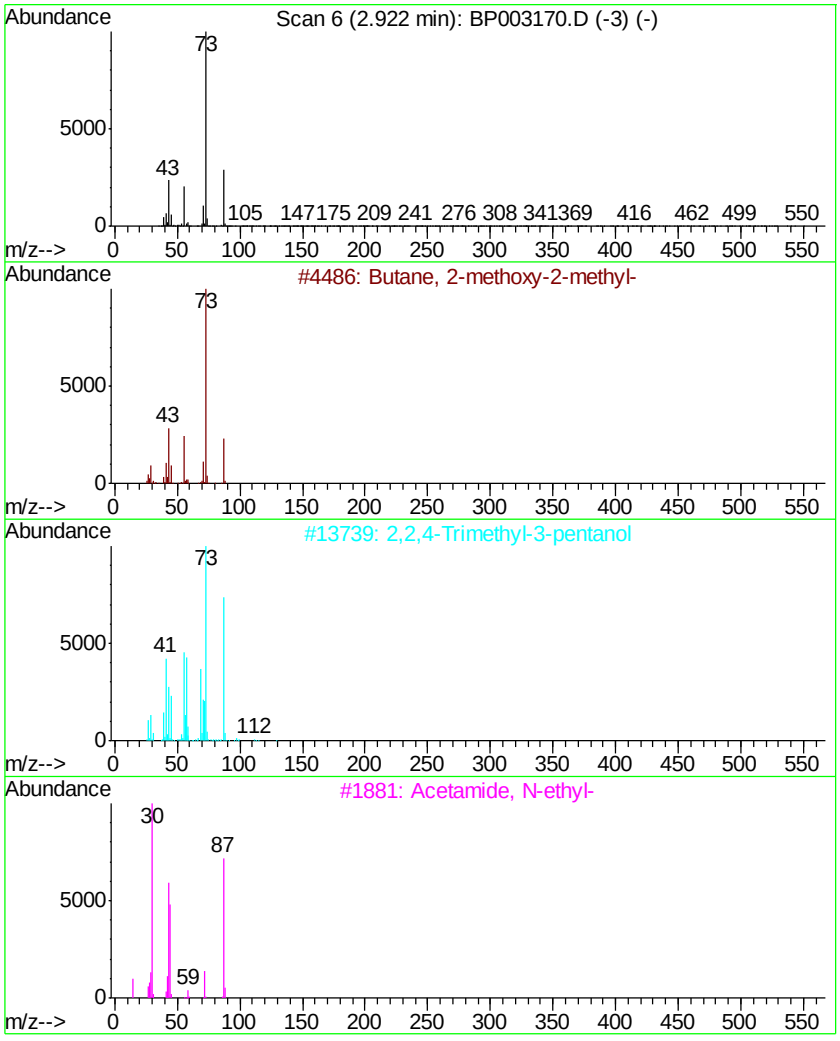
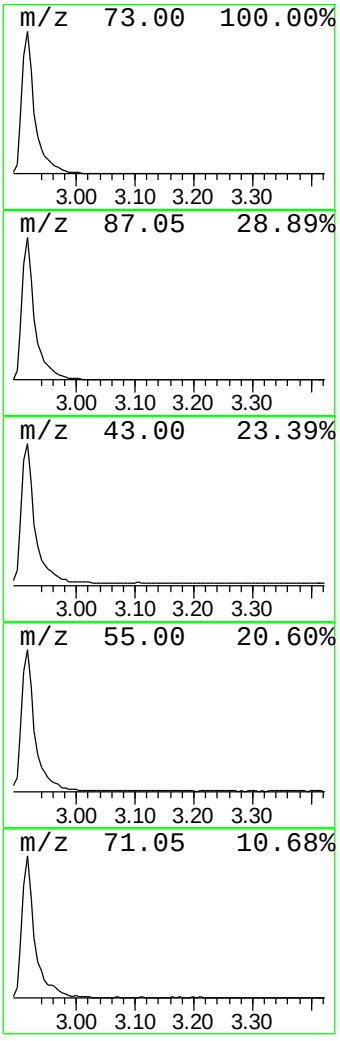
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	17.27 ng	670580	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	43
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : LINDEN-BH-02-B

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TIC Integration Parameters: LSCINT.P

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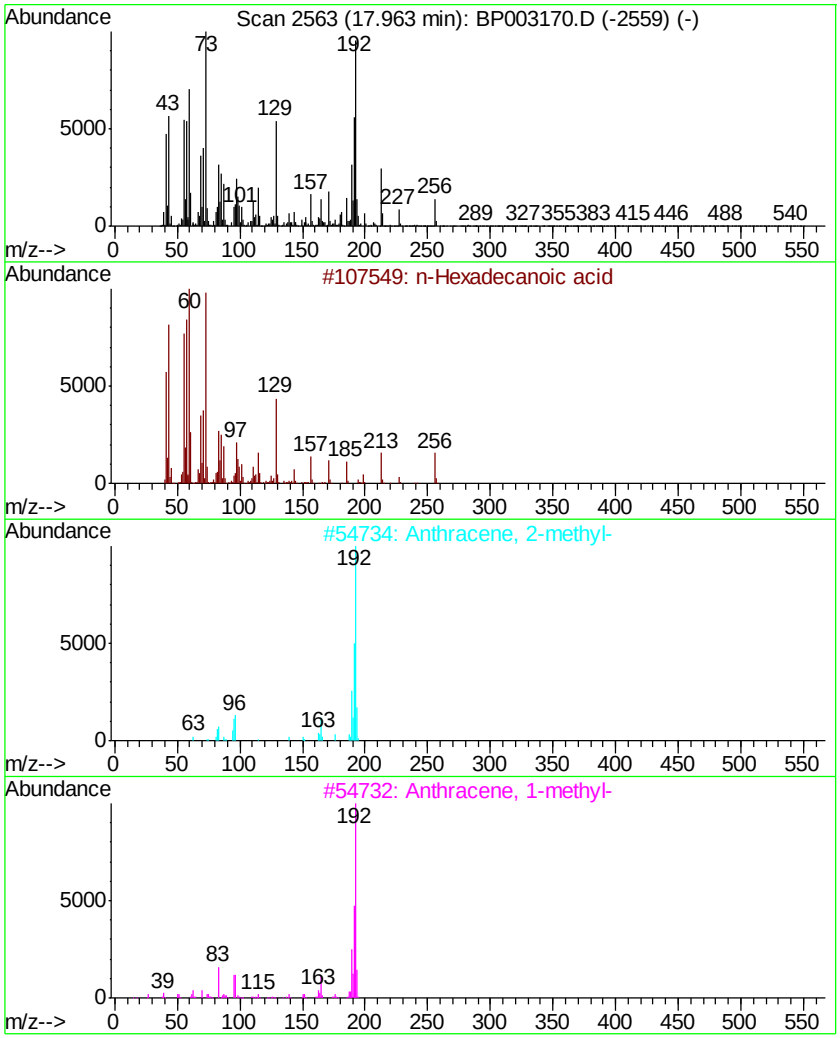
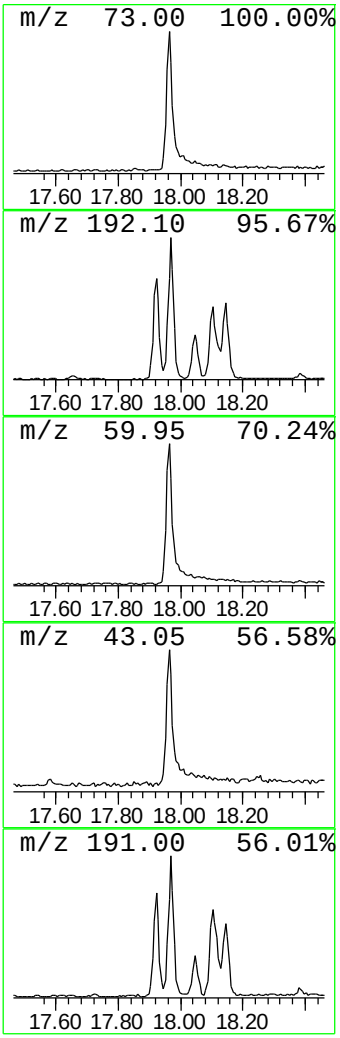
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.56 ng	362780	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74





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Instrument : BNA_P
ClientSampleId : LINDEN-BH-02-B

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

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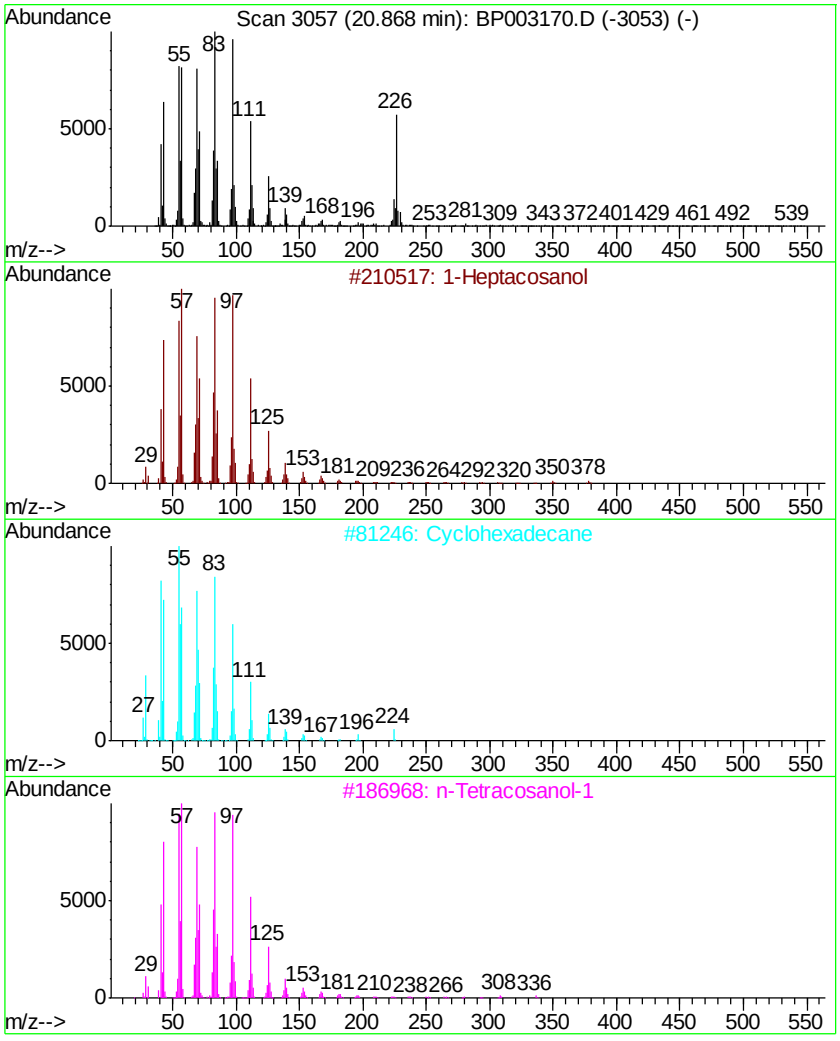
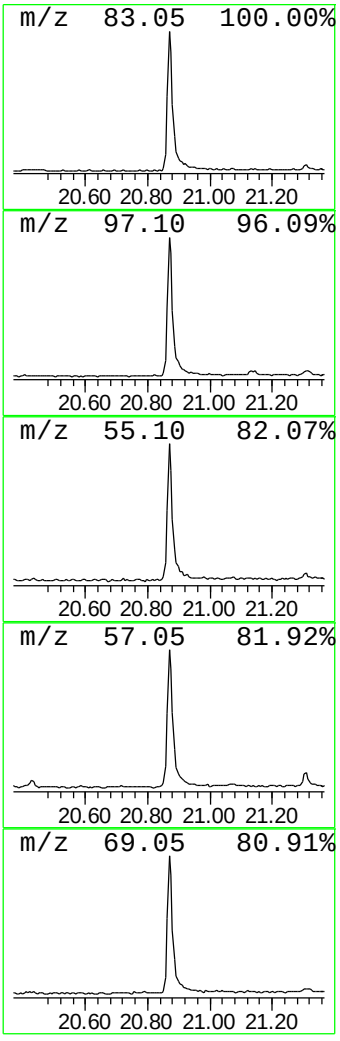
Peak Number 3 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.11 ng	797655	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	90





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-02-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
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TIC Integration Parameters: LSCINT.P

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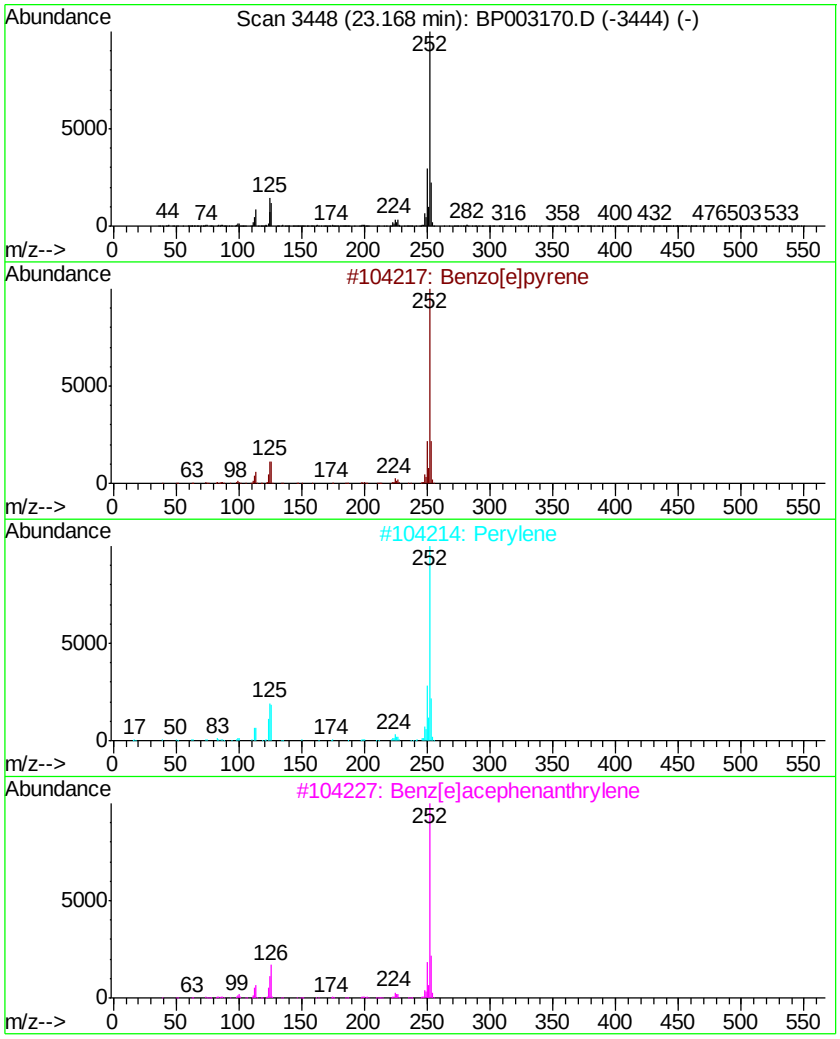
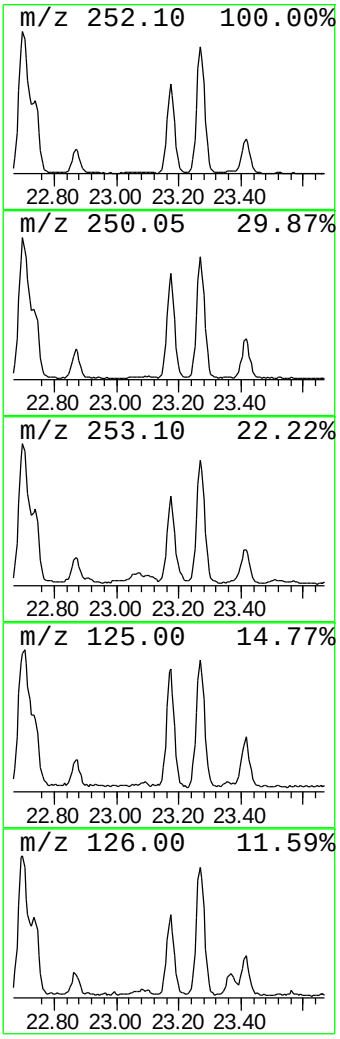
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	3.16 ng	573593	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	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090120\
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Misc :
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Instrument : BNA_P
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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	17.3	ng	670580	1	7.65	776377	20.0
n-Hexadecanoic acid	17.96	3.6	ng	362780	4	17.05	2037050	20.0
1-Heptacosanol	20.87	4.1	ng	797655	5	21.14	3878840	20.0
Benzo[e]pyrene	23.17	3.2	ng	573593	6	23.37	3624750	20.0