LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002865.D
Acq On : 24 Jul 2020 21:39
Operator : CG/JU
Sample : L3382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-007

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-BP071020.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	5.164	381	387	409	rBV	391146	730545	30.78%	5.262%
2	6.740	649	655	676	rBV	366809	795062	33.50%	5.727%
3	7.534	783	790	802	rBV	132555	225230	9.49%	1.622%
4	8.687	979	986	1004	rBV	218932	465764	19.63%	3.355%
5	10.310	1251	1262	1285	rBV	154082	332570	14.01%	2.395%
6	12.798	1678	1685	1711	rBV	659874	1142326	48.13%	8.228%
7	13.657	1826	1831	1843	rBV	77415	146199	6.16%	1.053%
8	14.187	1914	1921	1938	rBV2	302576	478751	20.17%	3.448%
9	15.692	2170	2177	2198	rBV	501212	912717	38.46%	6.574%
10	16.945	2384	2390	2395	rBV	422663	632704	26.66%	4.557%
11	16.992	2395	2398	2405	rVB	61523	96708	4.07%	0.697%
12	17.092	2410	2415	2422	rVB	20402	33311	1.40%	0.240%
13	17.828	2536	2540	2545	rBV	29425	42393	1.79%	0.305%
14	17.881	2545	2549	2556	rVB	32803	48826	2.06%	0.352%
15	18.010	2567	2571	2576	rBV2	29970	51177	2.16%	0.369%
16	18.051	2576	2578	2585	rVB	20777	29431	1.24%	0.212%
17	18.728	2687	2693	2697	rBV	39194	61224	2.58%	0.441%
18	18.781	2697	2702	2706	rVV3	16259	29195	1.23%	0.210%
19	18.863	2712	2716	2723	rBV4	15727	32284	1.36%	0.233%
20	18.980	2731	2736	2742	rBV	115204	153211	6.46%	1.104%
21	19.328	2788	2795	2805	rBV	149954	242197	10.21%	1.744%
22	19.416	2806	2810	2815	rVB3	21802	31267	1.32%	0.225%
23	19.533	2825	2830	2845	rVB	1940288	2373205	100.00%	17.093%
24	19.651	2846	2850	2859	rBV5	20482	50419	2.12%	0.363%
25	19.792	2869	2874	2876	rBV3	23755	43971	1.85%	0.317%
26	19.975	2901	2905	2910	rVB2	36433	46540	1.96%	0.335%
27	20.110	2924	2928	2931	rBV	40591	48807	2.06%	0.352%
28	20.151	2931	2935	2940	rVV	26467	36377	1.53%	0.262%
29	20.557	3001	3004	3010	rVB	25955	33137	1.40%	0.239%
30	20.745	3034	3036	3039	rVB	30358	27854	1.17%	0.201%
31	20.786	3039	3043	3049	rBV3	134739	215852	9.10%	1.555%
32	20.845	3050	3053	3059	rVB2	57525	79363	3.34%	0.572%
33	21.051	3082	3088	3093	rBV	827902	1273189	53.65%	9.170%
34	21.092	3093	3095	3106	rVB	163338	188880	7.96%	1.360%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002865.D
Acq On : 24 Jul 2020 21:39
Operator : CG/JU
Sample : L3382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-007

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-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.592	3178	3180	3185	rVB	48340	57973	2.44%	0.418%
36	21.645	3186	3189	3196	rBV	58441	96056	4.05%	0.692%
37	22.092	3263	3265	3270	rVB2	43555	49661	2.09%	0.358%
38	22.586	3344	3349	3354	rBV2	298507	595759	25.10%	4.291%
39	23.045	3423	3427	3435	rVB	161885	278894	11.75%	2.009%
40	23.139	3438	3443	3450	rVB	193006	329182	13.87%	2.371%
41	23.233	3453	3459	3465	rBV	657417	1163202	49.01%	8.378%
42	23.774	3546	3551	3559	rVB3	92215	182372	7.68%	1.314%

Sum of corrected areas: 13883785

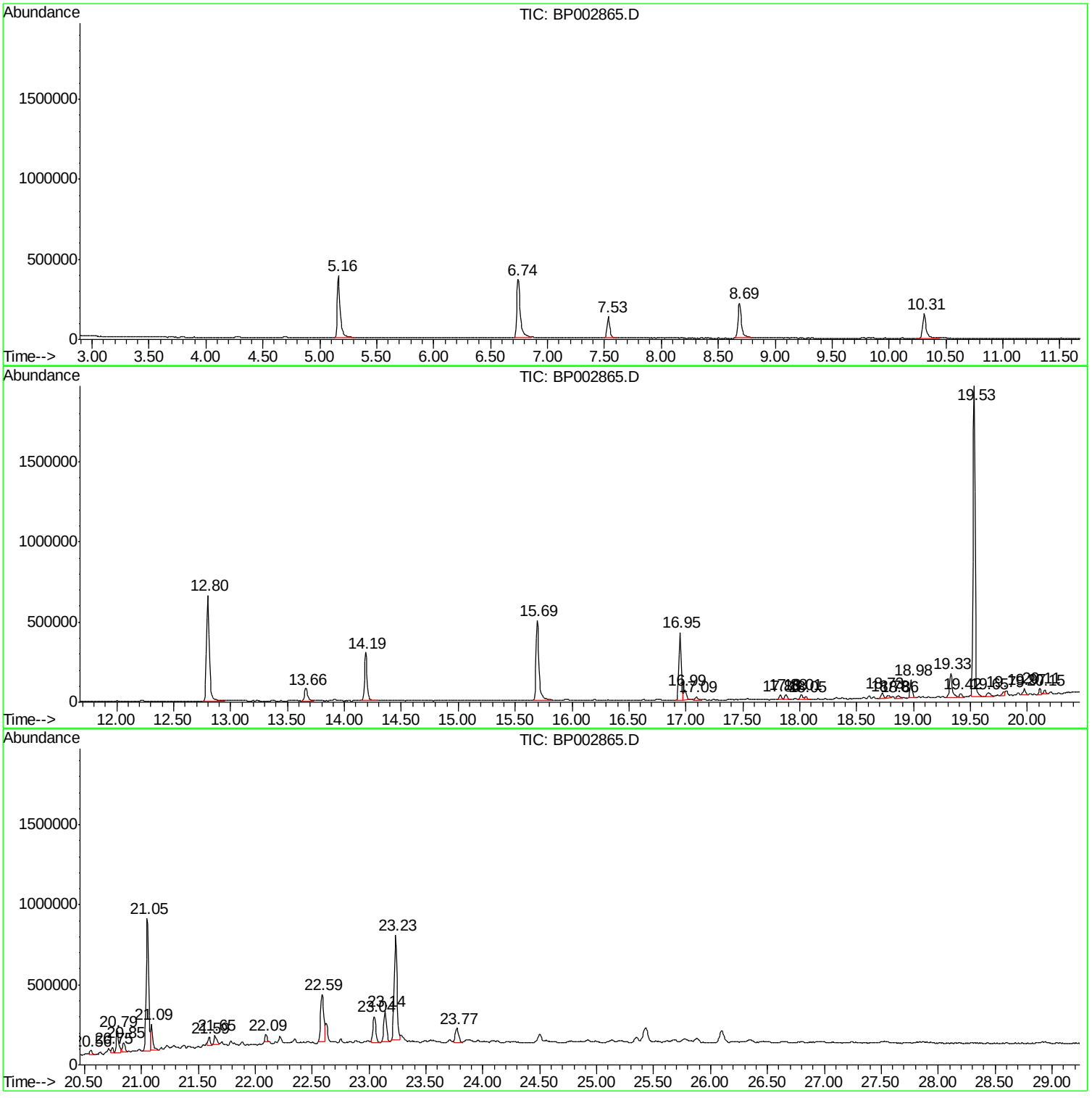
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002865.D
Acq On : 24 Jul 2020 21:39
Operator : CG/JU
Sample : L3382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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\BP072420\
Data File : BP002865.D
Acq On : 24 Jul 2020 21:39
Operator : CG/JU
Sample : L3382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

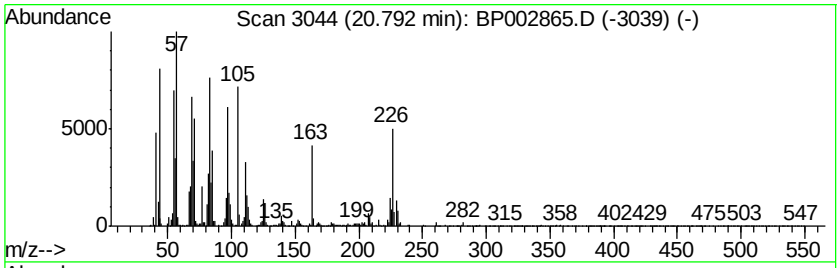
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

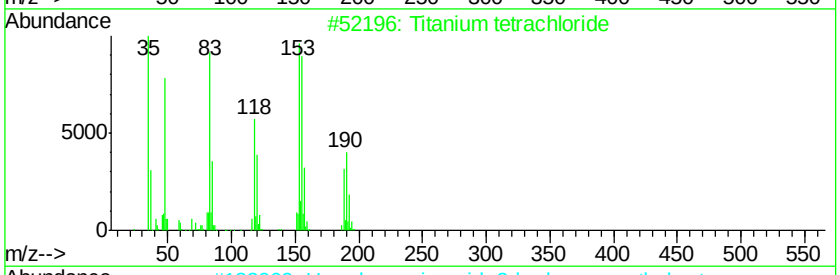
****

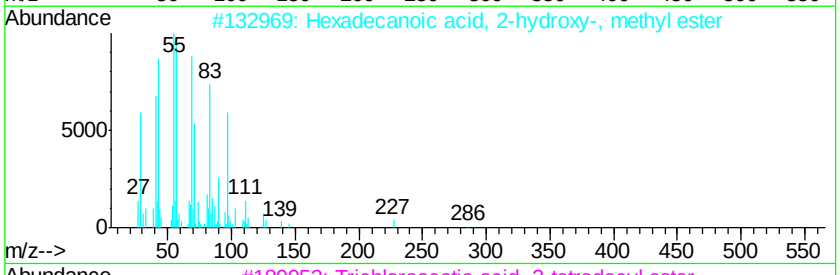
Peak Number 1 Titanium tetrachloride Concentration Rank 2

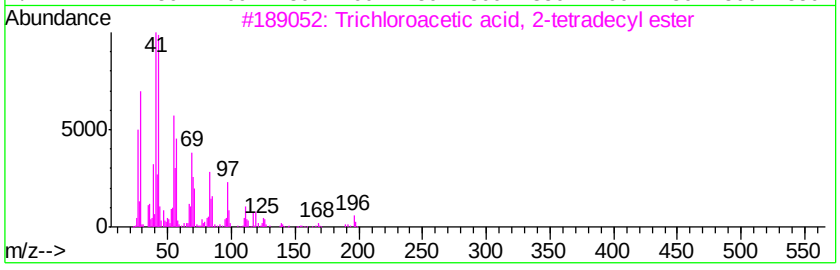
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.39 ng	215852	Chrysene-d12	21.05

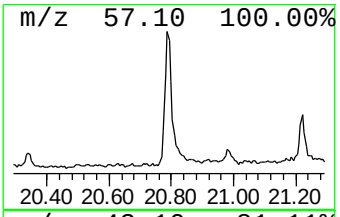
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Titanium tetrachloride	188	Cl4Ti	007550-45-0	53
2	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	40
3	Trichloroacetic acid, 2-tetradec...	358	C16H29Cl3O2	1000282-06-6	25
4	Oxalic acid, monoamide, N-(2-chl...	351	C17H18ClNO3S	1000309-74-2	18
5	Diheptylisobutylamine	269	C18H39N	1000310-32-0	12

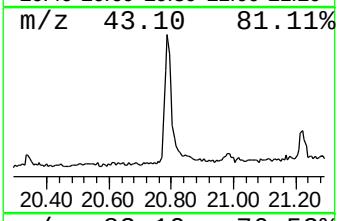


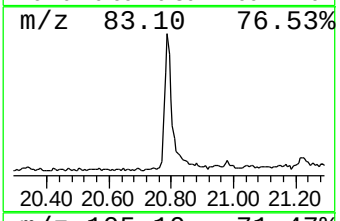


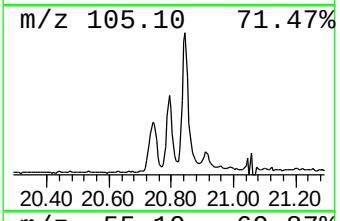


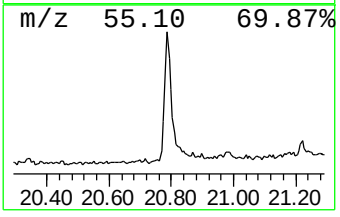












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002865.D
Acq On : 24 Jul 2020 21:39
Operator : CG/JU
Sample : L3382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

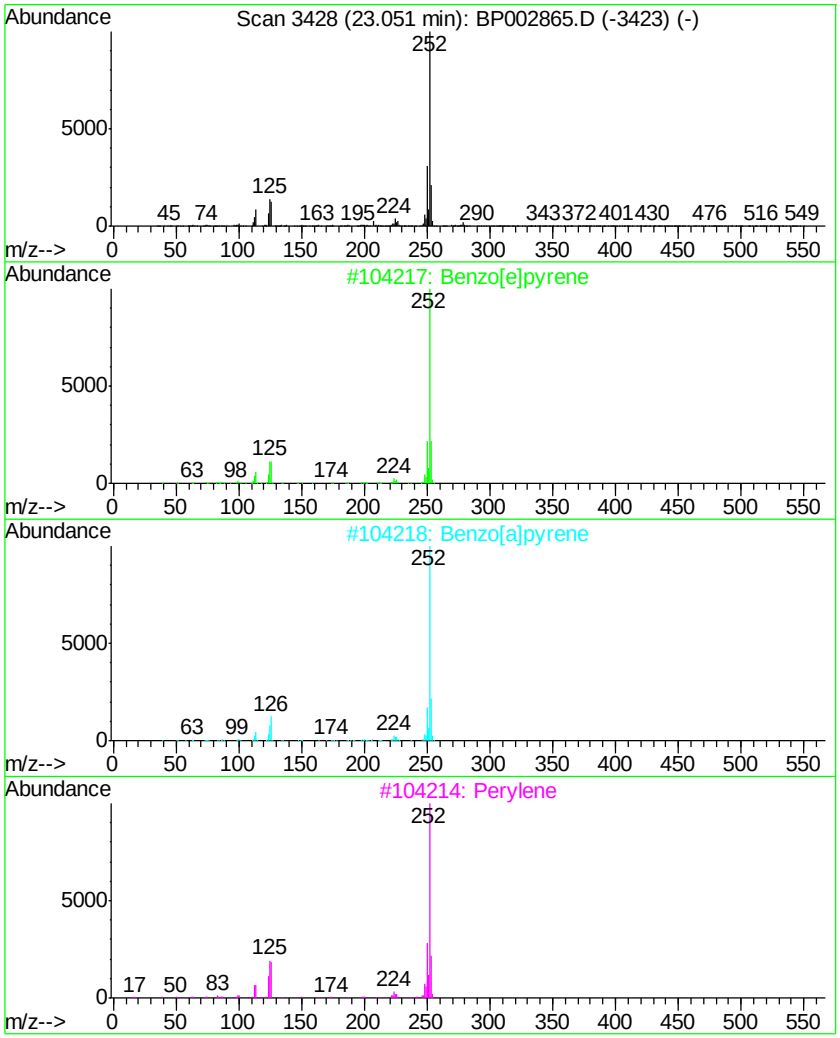
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

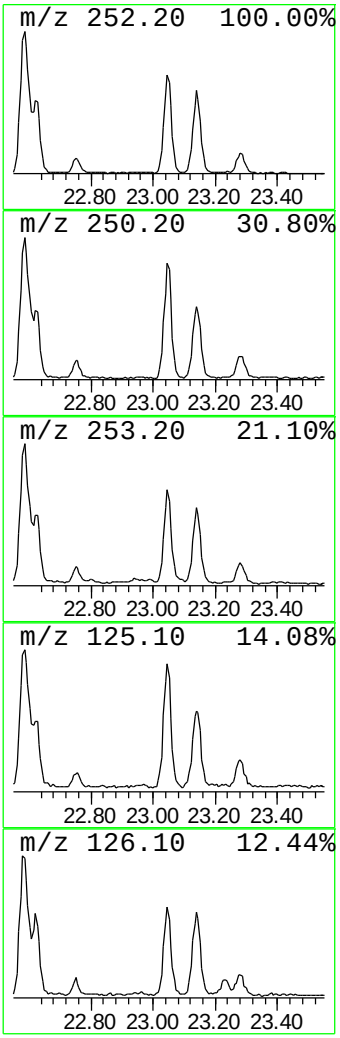
****

Peak Number 2 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.05	4.80 ng	278894	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002865.D
Acq On : 24 Jul 2020 21:39
Operator : CG/JU
Sample : L3382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

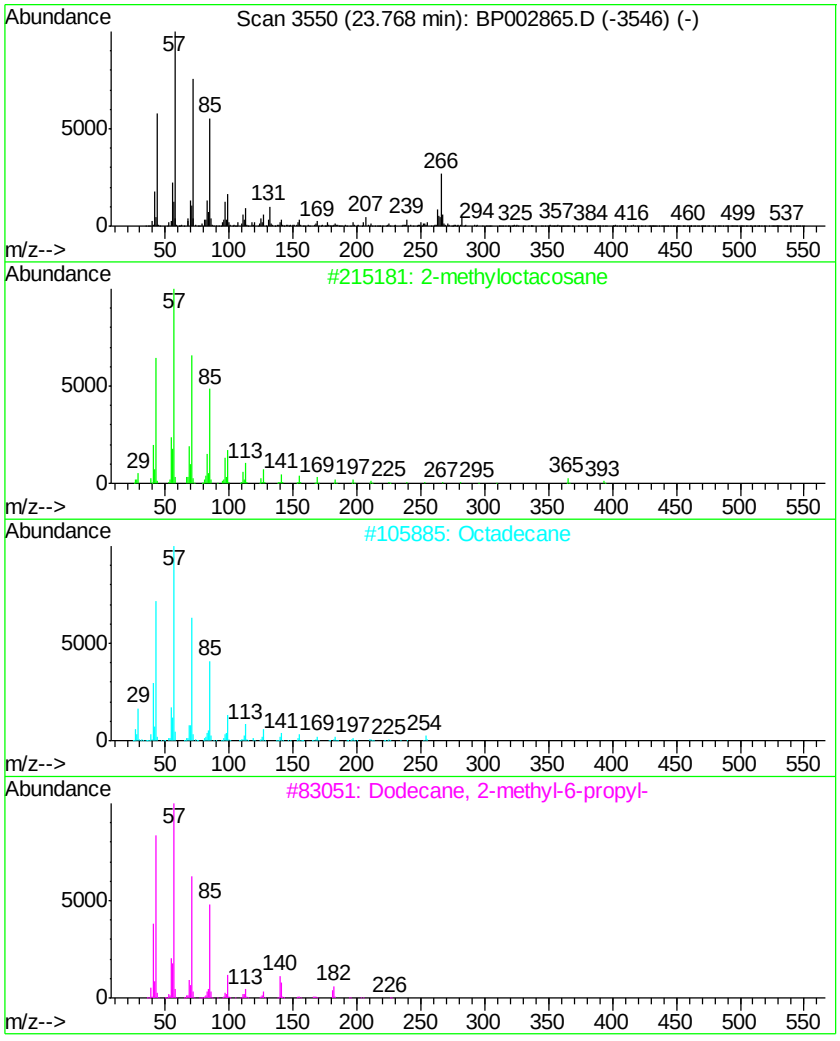
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

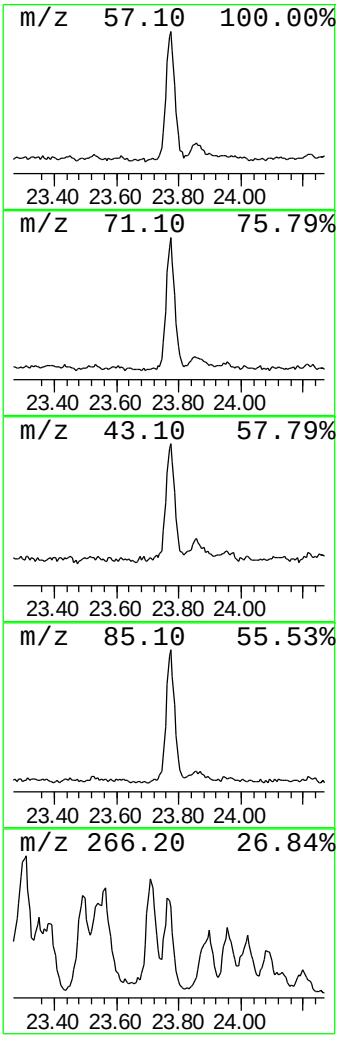
****

Peak Number 3 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	3.14 ng	182372	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	68
2	Octadecane	254	C18H38	000593-45-3	68
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP072420\
Data File : BP002865.D
Acq On : 24 Jul 2020 21:39
Operator : CG/JU
Sample : L3382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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
Titanium tetrachl...	20.79	3.4	ng	215852	5	21.05	1273190	20.0
Benzo[e]pyrene	23.05	4.8	ng	278894	6	23.23	1163200	20.0
2-methyloctacosane	23.77	3.1	ng	182372	6	23.23	1163200	20.0