LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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	5.163	381	387	405	rBV	471805	851831	28.28%	4.153%
2	6.740	648	655	676	rBV	488827	971363	32.25%	4.736%
3	7.534	783	790	802	rBV	132135	223052	7.41%	1.087%
4	8.681	978	985	1006	rBV	294514	580272	19.27%	2.829%
5	10.304	1253	1261	1278	rBV	170746	336604	11.18%	1.641%
6	12.798	1678	1685	1708	rBV	891846	1406702	46.71%	6.858%
7	13.651	1825	1830	1843	rBV	127731	215934	7.17%	1.053%
8	13.910	1868	1874	1883	rBV	20236	33630	1.12%	0.164%
9	14.186	1914	1921	1929	rBV2	331290	510970	16.97%	2.491%
10	15.692	2167	2177	2202	rBV	725682	1237413	41.09%	6.033%
11	16.627	2329	2336	2343	rBV6	19348	50988	1.69%	0.249%
12	16.945	2384	2390	2394	rBV	496004	696661	23.13%	3.396%
13	16.986	2394	2397	2404	rVB	100791	141091	4.68%	0.688%
14	17.080	2409	2413	2421	rVB	39100	59939	1.99%	0.292%
15	17.363	2453	2461	2465	rBV3	15311	35564	1.18%	0.173%
16	17.821	2534	2539	2544	rBV	29404	46771	1.55%	0.228%
17	17.874	2544	2548	2554	rVB	41649	55771	1.85%	0.272%
18	18.010	2566	2571	2575	rBV2	46911	79524	2.64%	0.388%
19	18.721	2687	2692	2696	rBV2	40014	62340	2.07%	0.304%
20	18.774	2697	2701	2705	rVV4	25561	43981	1.46%	0.214%
21	18.863	2711	2716	2722	rBV	53759	87652	2.91%	0.427%
22	18.974	2730	2735	2743	rBV	492968	628714	20.88%	3.065%
23	19.327	2786	2795	2804	rBV	547136	846573	28.11%	4.127%
24	19.410	2805	2809	2814	rVB4	24716	42341	1.41%	0.206%
25	19.533	2822	2830	2834	rBV	2380194	3011705	100.00%	14.683%
26	19.651	2845	2850	2856	rBV5	42168	95861	3.18%	0.467%
27	19.786	2868	2873	2874	rBV3	45664	68939	2.29%	0.336%
28	19.815	2875	2878	2882	rVB2	66790	91808	3.05%	0.448%
29	19.915	2891	2895	2898	rBV2	38509	44062	1.46%	0.215%
30	19.968	2899	2904	2908	rVV2	65212	99137	3.29%	0.483%
31	20.104	2923	2927	2931	rBV	54669	72923	2.42%	0.356%
32	20.151	2932	2935	2939	rVB2	39110	51713	1.72%	0.252%
33	20.551	3000	3003	3009	rVB	61891	77113	2.56%	0.376%
34	20.704	3026	3029	3033	rBV	44211	62033	2.06%	0.302%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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	20.745	3033	3036	3039	rVV	54886	59987	1.99%	0.292%
36	20.786	3039	3043	3049	rVV3	361973	547084	18.17%	2.667%
37	20.839	3049	3052	3058	rVB	90124	125170	4.16%	0.610%
38	21.051	3082	3088	3092	rBV2	1016376	1570027	52.13%	7.654%
39	21.086	3092	3094	3105	rVB	281751	359780	11.95%	1.754%
40	21.227	3111	3118	3123	rBV3	162054	315789	10.49%	1.540%
41	21.645	3185	3189	3197	rBV3	198141	321881	10.69%	1.569%
42	21.780	3210	3212	3215	rBV3	33593	42989	1.43%	0.210%
43	22.092	3261	3265	3276	rVB	239303	343998	11.42%	1.677%
44	22.586	3343	3349	3353	rBV2	565013	1021167	33.91%	4.979%
45	23.045	3422	3427	3434	rVB	177634	308188	10.23%	1.503%
46	23.139	3437	3443	3449	rBV	436179	729798	24.23%	3.558%
47	23.233	3452	3459	3465	rBV2	705742	1264010	41.97%	6.162%
48	23.768	3545	3550	3558	rVB	215369	396482	13.16%	1.933%
49	24.498	3669	3674	3680	rVB	96502	184000	6.11%	0.897%

Sum of corrected areas: 20511325

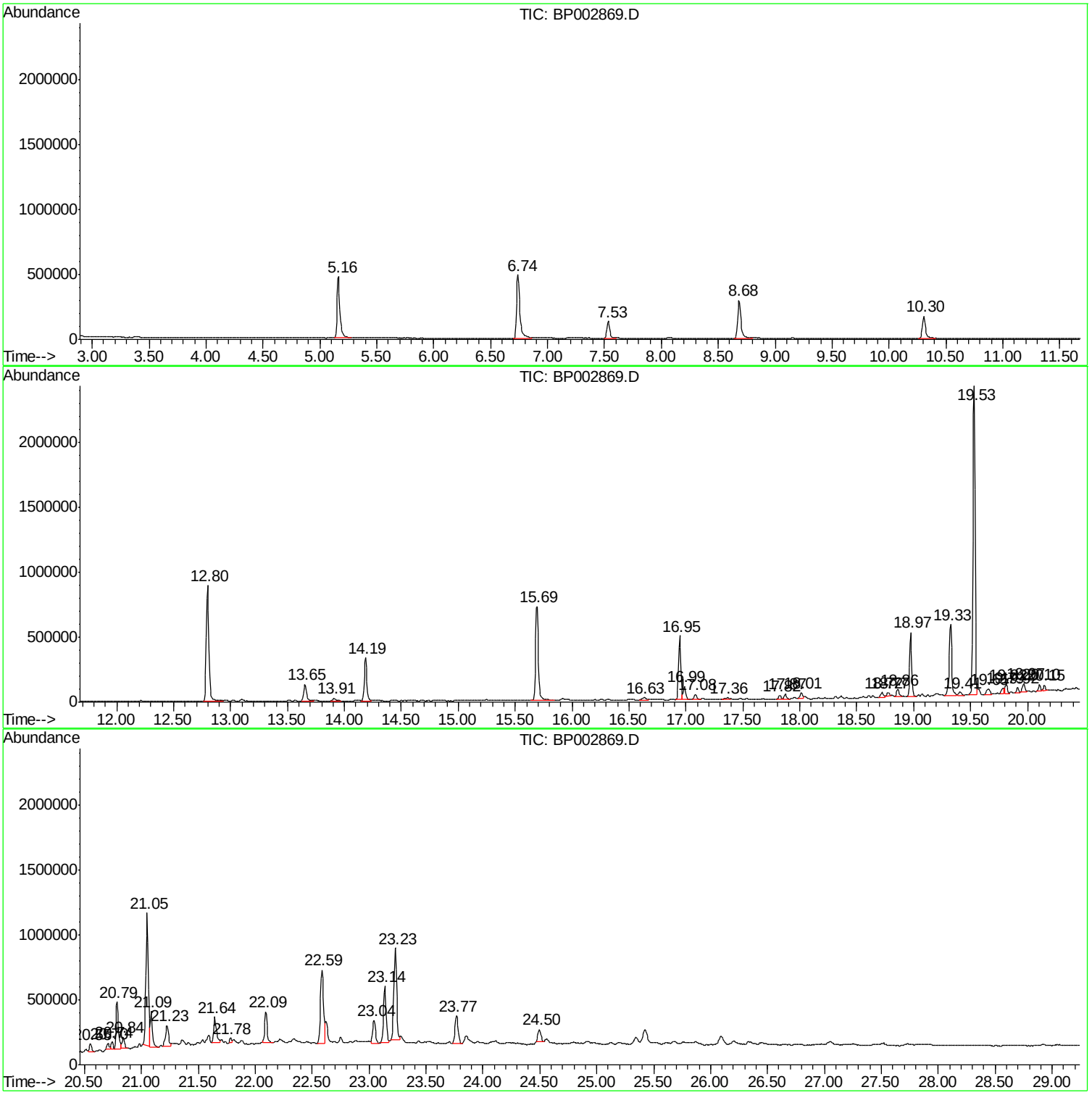
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CRT-013

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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

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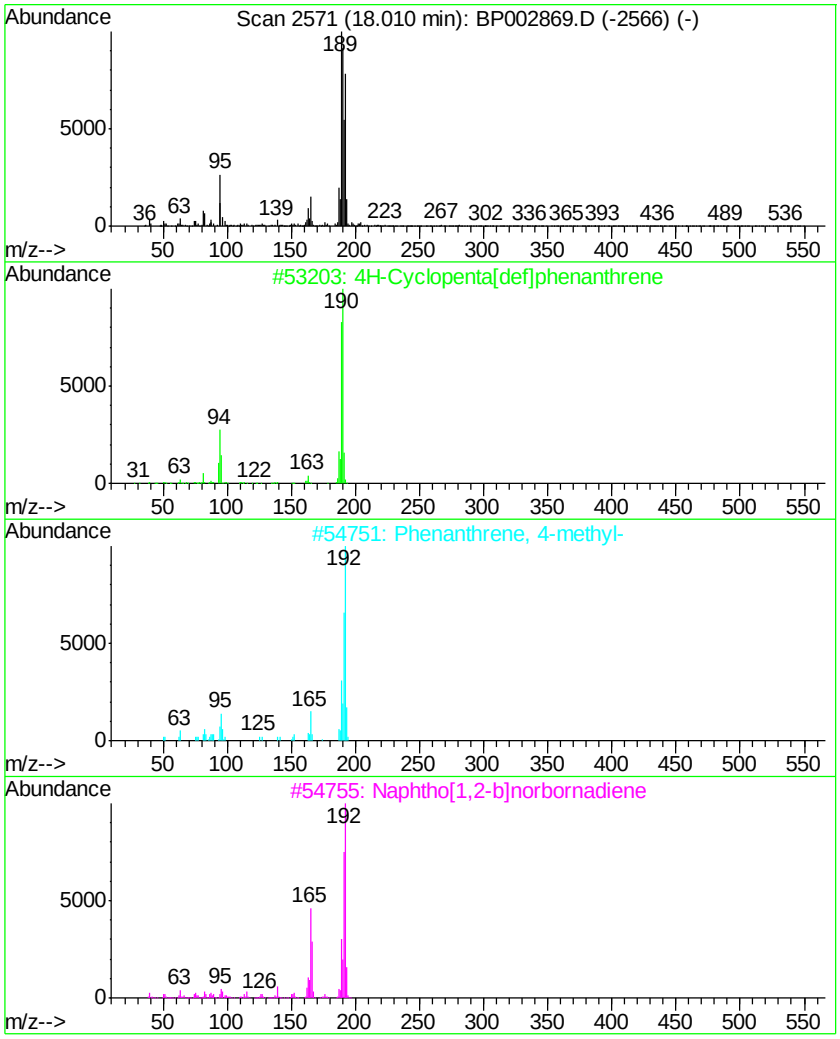
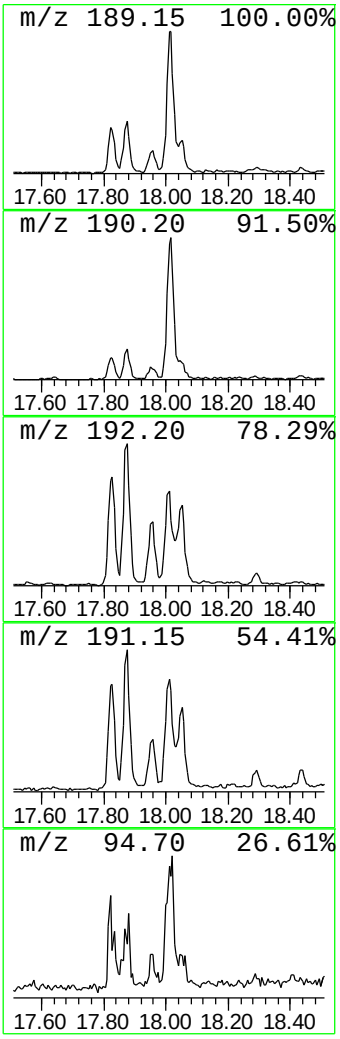
Peak Number 1 unknown18.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.28 ng	79524	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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

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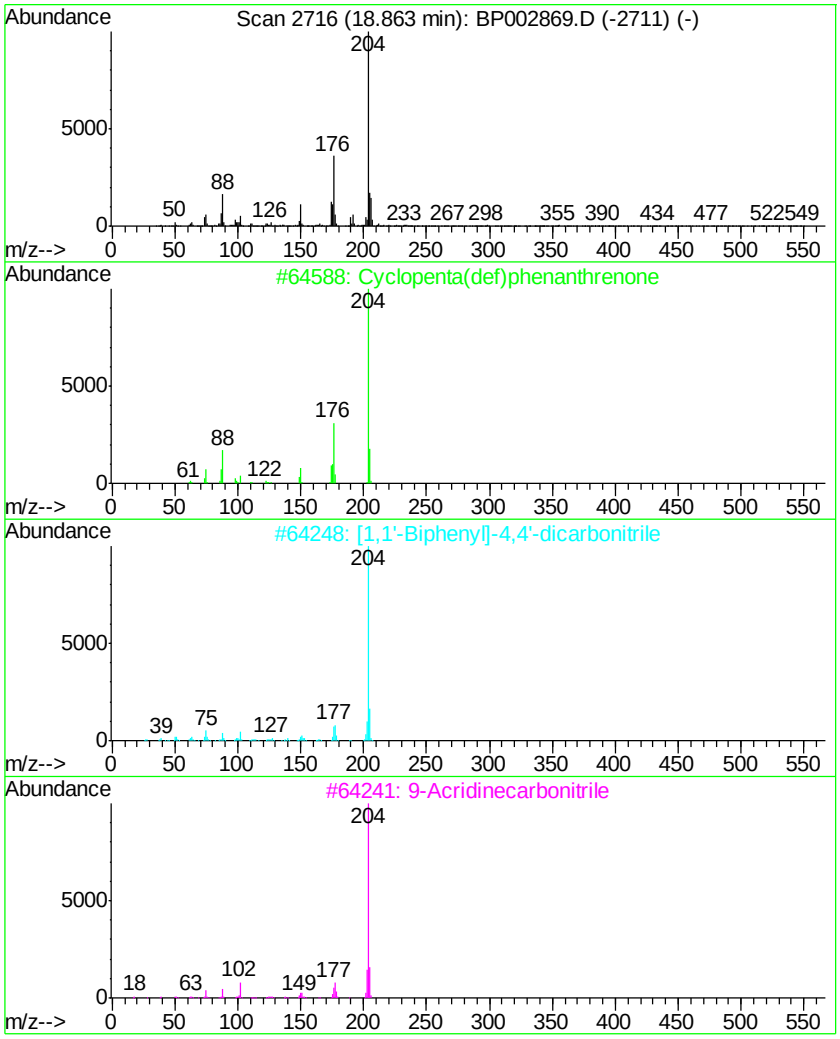
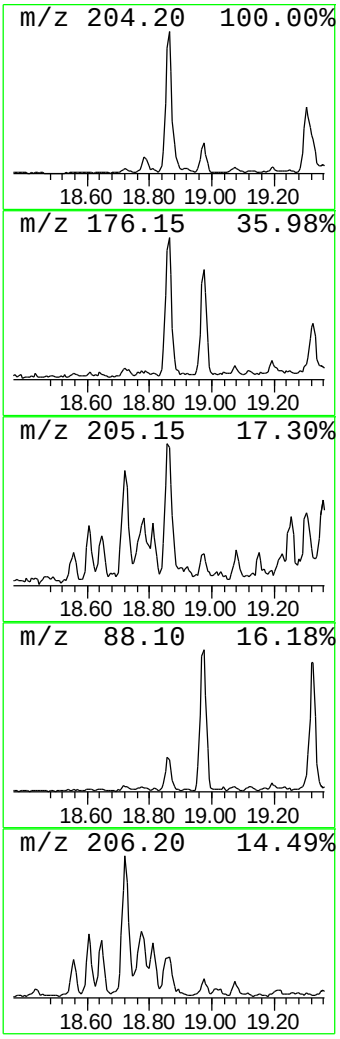
Peak Number 2 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.52 ng	87652	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	72
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
5	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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

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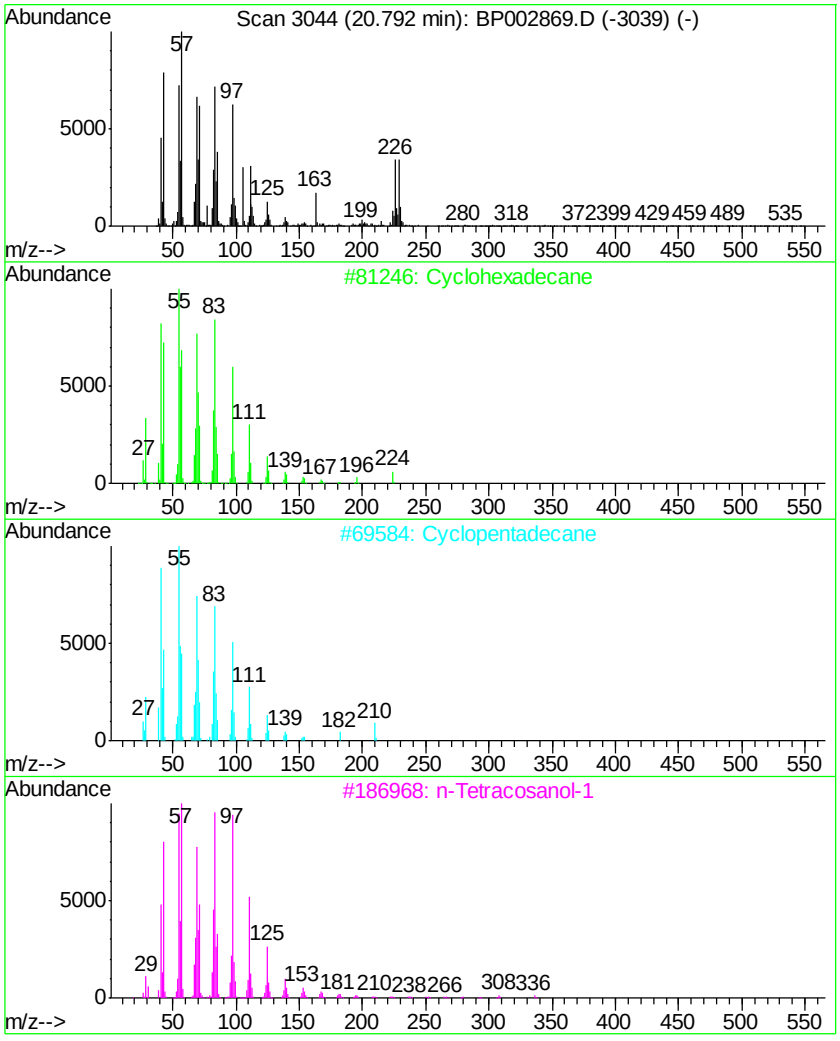
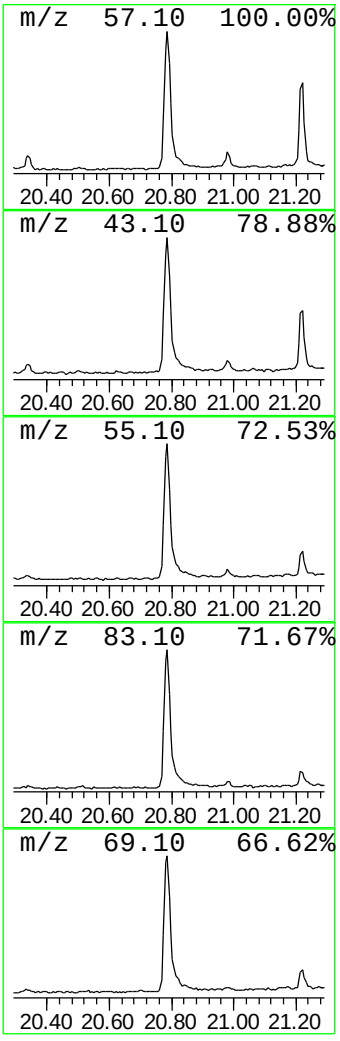
Peak Number 3 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	6.97 ng	547084	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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

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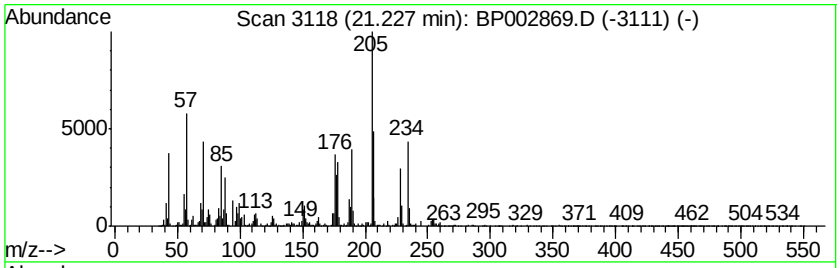
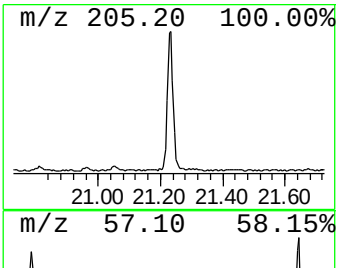
Peak Number 4 unknown21.23 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.02 ng	315789	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-[(4-propylph...	234	C18H18	184161-94-2	43
2	Benzocyclobutene, 1,1'-bis-	206	C16H14	121754-51-6	43
3	8-Phenylisoquinoline	205	C15H11N	070125-67-6	35
4	5-Phenylisoquinoline	205	C15H11N	024464-35-5	35
5	.alpha.-Bromo-4-acetylphenathrene	298	C16H11BrO	026698-37-3	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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

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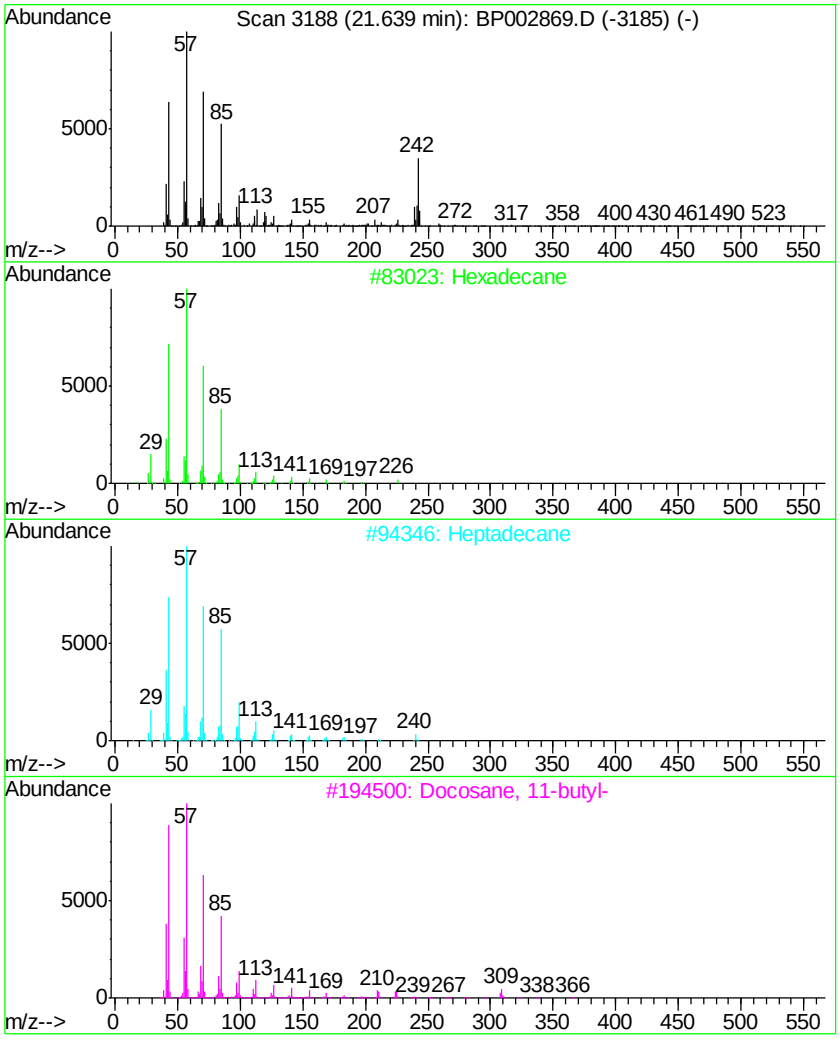
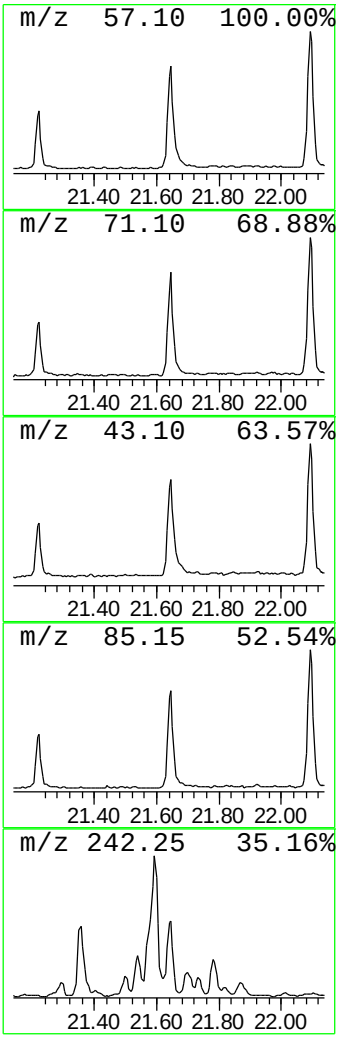
Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	4.10 ng	321881	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	95
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	92
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexacosane	366	C26H54	000630-01-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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

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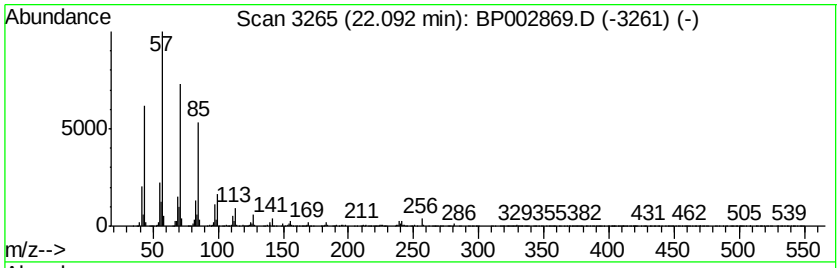
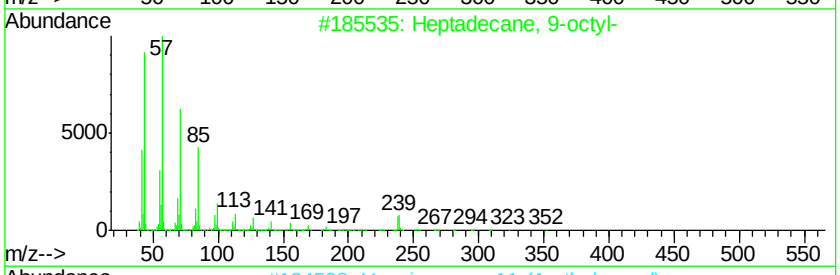
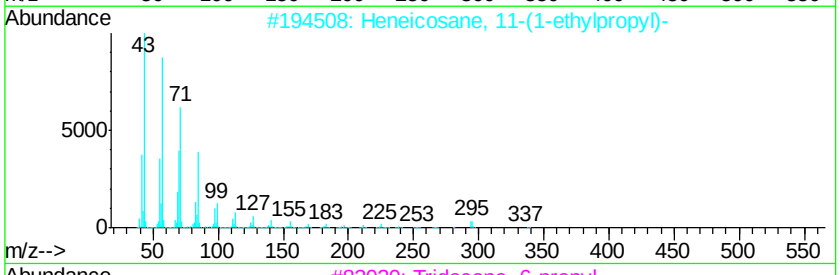
Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 4

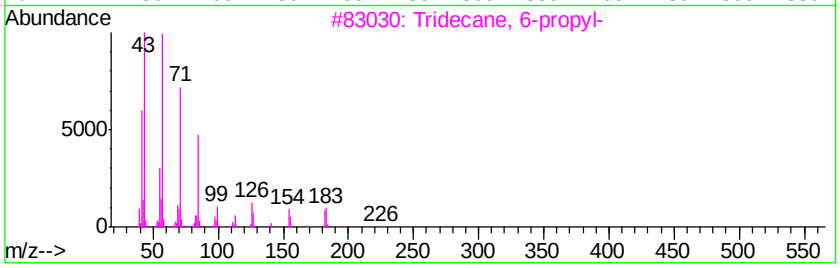
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	4.38 ng	343998	Chrysene-d12	21.05

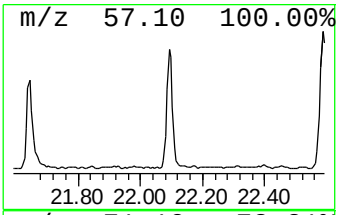
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	78

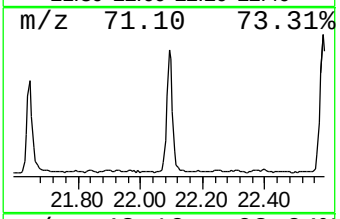


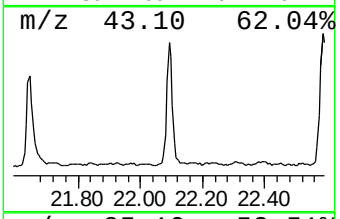


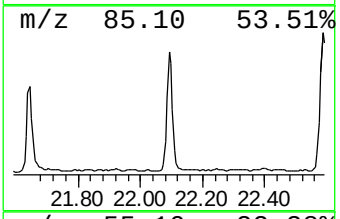


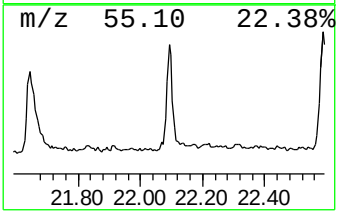












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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

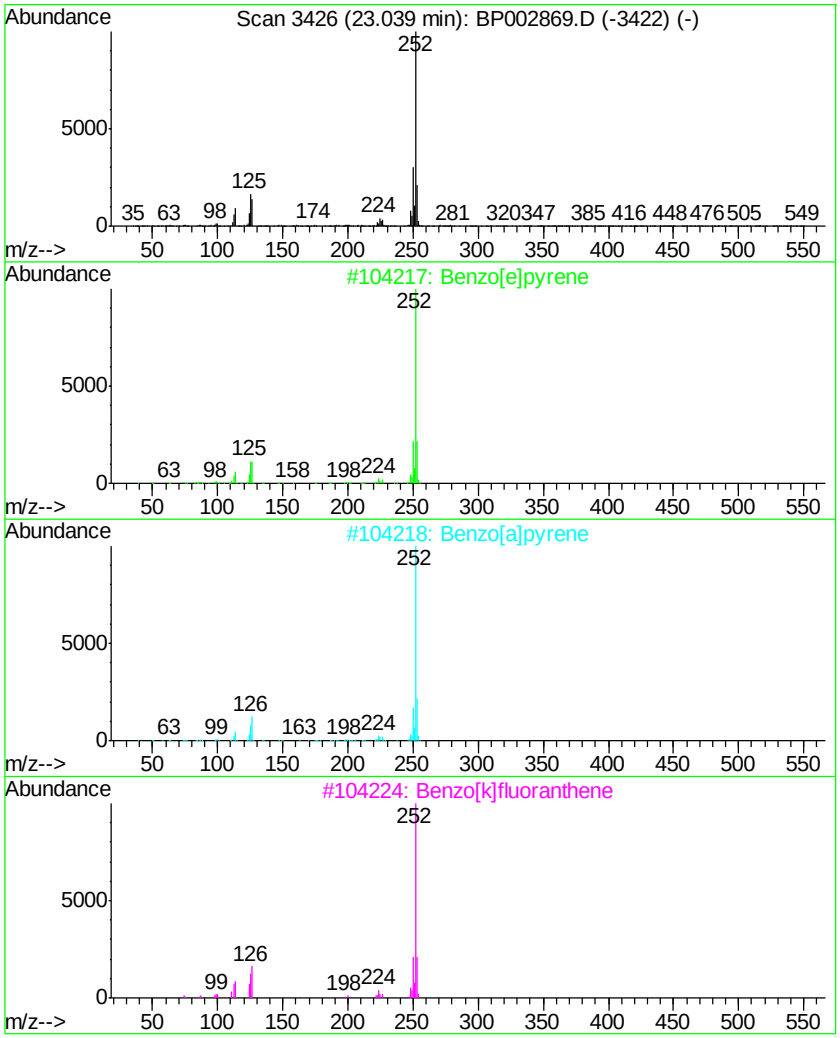
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

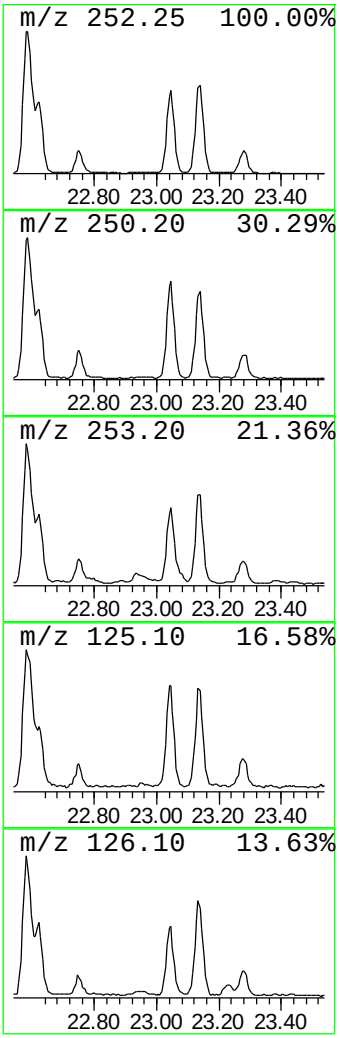
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	4.88 ng	308188	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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

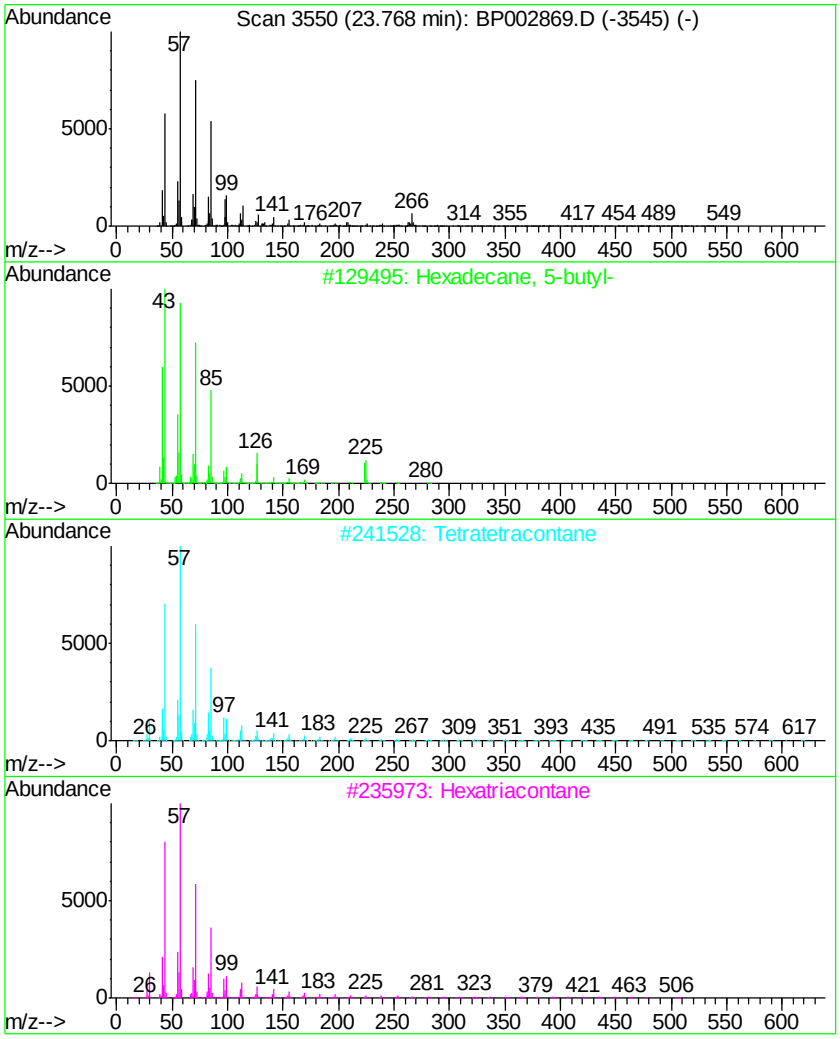
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

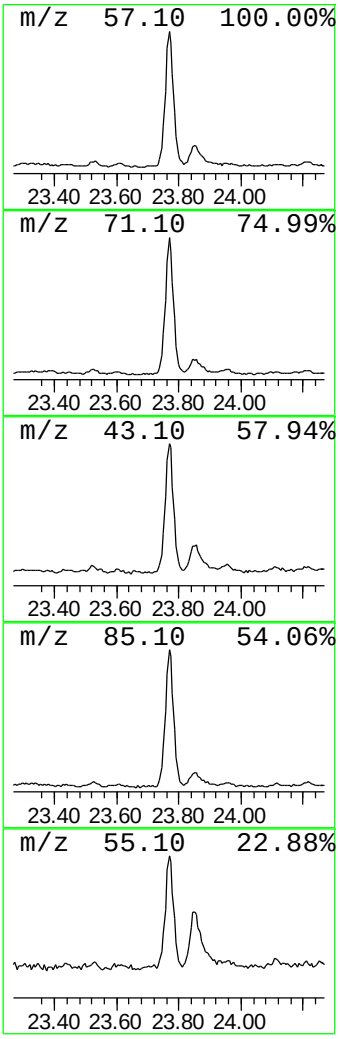
****

Peak Number 8 Hexadecane, 5-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	6.27 ng	396482	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
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Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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

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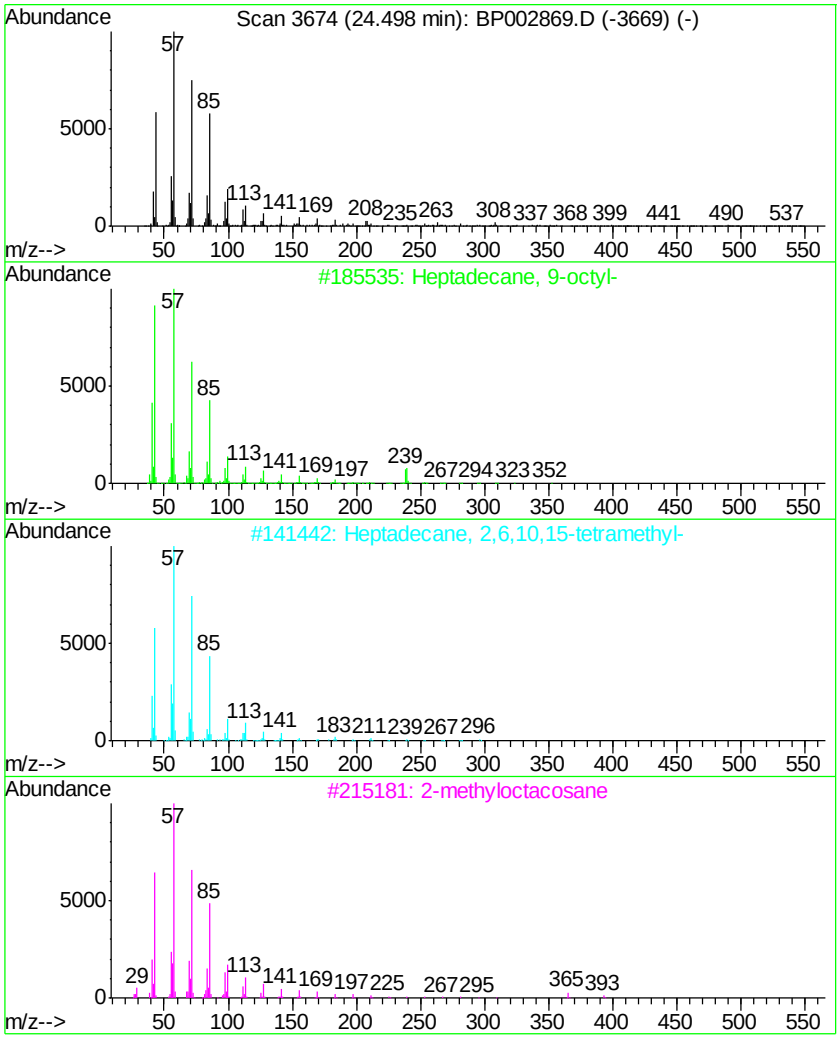
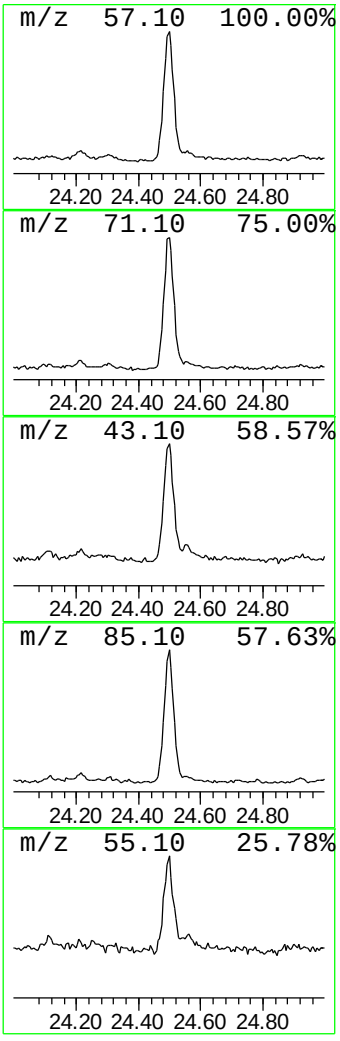
Peak Number 9 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	2.91 ng	184000	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
Sample : L3383-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-013

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
unknown18.01	18.01	2.3	ng	79524	4	16.95	696661	20.0
Cyclopenta(def)ph...	18.86	2.5	ng	87652	4	16.95	696661	20.0
Cyclohexadecane	20.79	7.0	ng	547084	5	21.05	1570030	20.0
unknown21.23	21.23	4.0	ng	315789	5	21.05	1570030	20.0
Hexadecane	21.64	4.1	ng	321881	5	21.05	1570030	20.0
Heptadecane, 9-oc...	22.09	4.4	ng	343998	5	21.05	1570030	20.0
Benzo[e]pyrene	23.04	4.9	ng	308188	6	23.23	1264010	20.0
Hexadecane, 5-butyl-	23.77	6.3	ng	396482	6	23.23	1264010	20.0
Heptadecane, 2,6,...	24.50	2.9	ng	184000	6	23.23	1264010	20.0