LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

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-BP052720.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	5.222	391	397	411	rBV	3023462	4575077	44.32%	4.764%
2	6.793	653	664	680	rVB	3424704	5391448	52.23%	5.614%
3	7.216	731	736	742	rBV	100354	154492	1.50%	0.161%
4	7.605	794	802	811	rBV	1491018	2328808	22.56%	2.425%
5	7.928	848	857	865	rBV	2835764	4692604	45.46%	4.886%
6	8.752	986	997	1008	rBV	2262127	3791674	36.73%	3.948%
7	10.381	1266	1274	1281	rBV	1902082	3250477	31.49%	3.385%
8	12.869	1690	1697	1720	rVB	5261489	8055816	78.04%	8.388%
9	13.710	1833	1840	1849	rBV	732351	1070088	10.37%	1.114%
10	14.251	1925	1932	1939	rBV2	2807894	4145332	40.16%	4.316%
11	15.751	2180	2187	2200	rBV	3704514	5502772	53.31%	5.730%
12	16.945	2386	2390	2395	rBV	117129	180960	1.75%	0.188%
13	17.010	2395	2401	2405	rVV	3413997	4911726	47.58%	5.115%
14	17.051	2405	2408	2413	rVB	569163	742960	7.20%	0.774%
15	17.139	2419	2423	2429	rVB	200229	261645	2.53%	0.272%
16	17.581	2495	2498	2505	rVB3	63499	103609	1.00%	0.108%
17	17.822	2533	2539	2545	rBV2	111670	217649	2.11%	0.227%
18	17.881	2545	2549	2554	rVV2	238892	391211	3.79%	0.407%
19	17.939	2554	2559	2567	rVV2	445830	766948	7.43%	0.799%
20	18.010	2568	2571	2575	rVV3	79081	133093	1.29%	0.139%
21	18.069	2577	2581	2586	rVV2	154958	284921	2.76%	0.297%
22	18.233	2605	2609	2614	rBV3	81675	130083	1.26%	0.135%
23	18.781	2698	2702	2707	rBV	85197	129461	1.25%	0.135%
24	18.910	2720	2724	2733	rVB7	67696	165009	1.60%	0.172%
25	19.004	2735	2740	2741	rBV	294889	345472	3.35%	0.360%
26	19.033	2741	2745	2750	rVB	1397392	1674932	16.23%	1.744%
27	19.386	2796	2805	2813	rBV	1247235	1970433	19.09%	2.052%
28	19.598	2835	2841	2854	rVB	7757173	10323020	100.00%	10.749%
29	19.710	2856	2860	2865	rVV5	66913	130223	1.26%	0.136%
30	19.875	2885	2888	2894	rVB	154683	215844	2.09%	0.225%
31	19.969	2901	2904	2908	rVB	93855	115163	1.12%	0.120%
32	20.028	2910	2914	2918	rVV3	148463	191348	1.85%	0.199%
33	20.204	2941	2944	2948	rBV	76094	104534	1.01%	0.109%
34	20.598	3009	3011	3019	rVB	108144	162459	1.57%	0.169%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

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-BP052720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.804	3043	3046	3049	rBV	98897	112033	1.09%	0.117%
36	20.857	3049	3055	3067	rBV5	706040	1278023	12.38%	1.331%
37	21.110	3092	3098	3102	rBV2	4293055	6232407	60.37%	6.490%
38	21.145	3102	3104	3111	rVB	680018	808291	7.83%	0.842%
39	21.263	3121	3124	3127	rBV	99333	131066	1.27%	0.136%
40	21.733	3201	3204	3214	rVB3	374279	577474	5.59%	0.601%
41	22.416	3317	3320	3331	rVB2	275249	391847	3.80%	0.408%
42	22.663	3356	3362	3365	rBV	623944	1299256	12.59%	1.353%
43	22.698	3365	3368	3372	rVV	899154	1453539	14.08%	1.514%
44	22.739	3372	3375	3385	rVB3	431760	730225	7.07%	0.760%
45	23.127	3437	3441	3449	rVB	423230	756389	7.33%	0.788%
46	23.221	3452	3457	3462	rBV	519712	905844	8.77%	0.943%
47	23.321	3468	3474	3480	rBV	2614080	4614338	44.70%	4.805%
48	23.574	3514	3517	3523	rVB2	298638	463513	4.49%	0.483%
49	23.921	3570	3576	3583	rBV	1138131	2058730	19.94%	2.144%
50	23.992	3584	3588	3601	rVB2	431208	866072	8.39%	0.902%
51	25.545	3846	3852	3865	rVB3	632984	1777724	17.22%	1.851%
52	25.810	3890	3897	3908	rVB3	1809580	4967189	48.12%	5.172%

Sum of corrected areas: 96035251

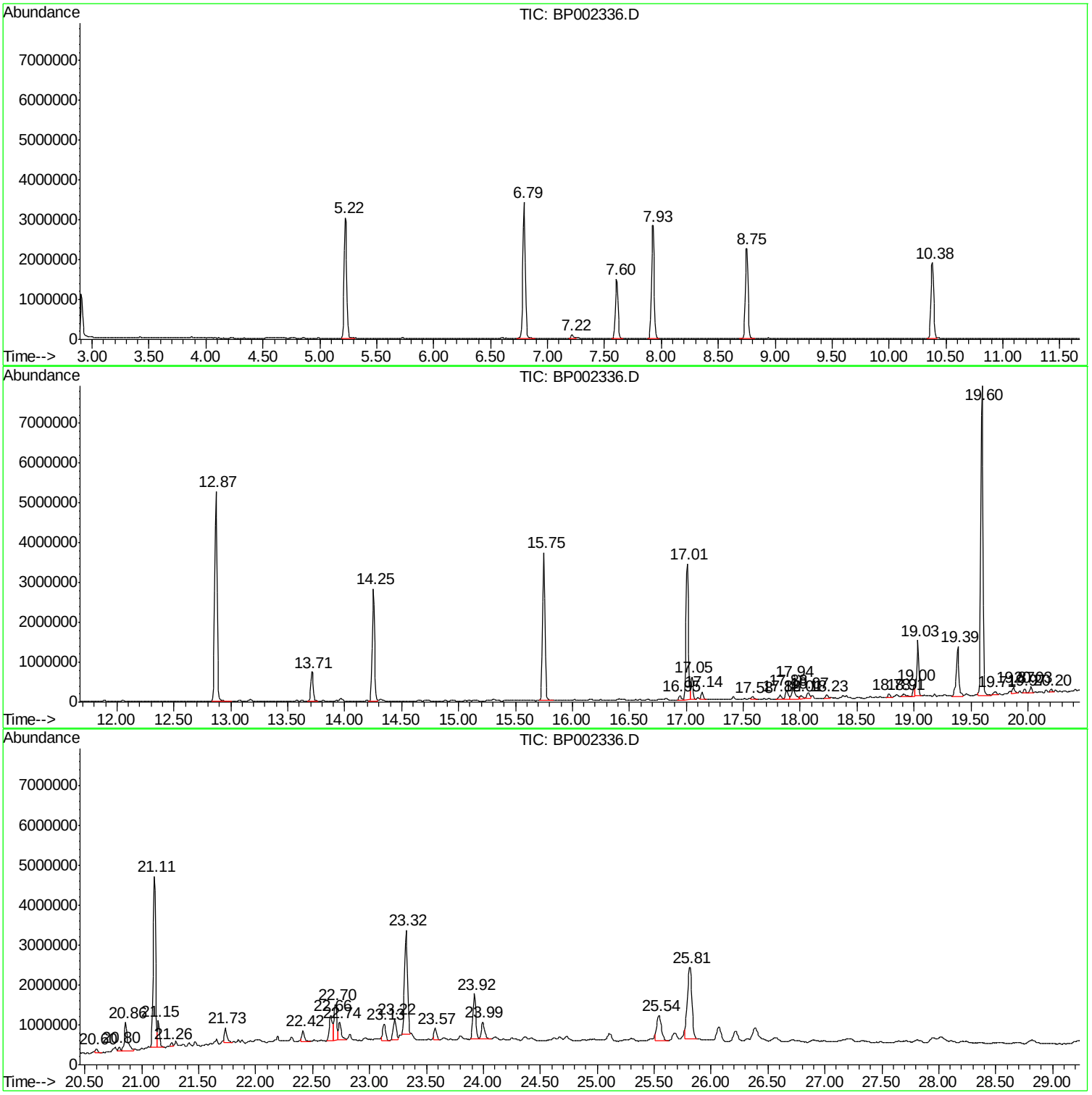
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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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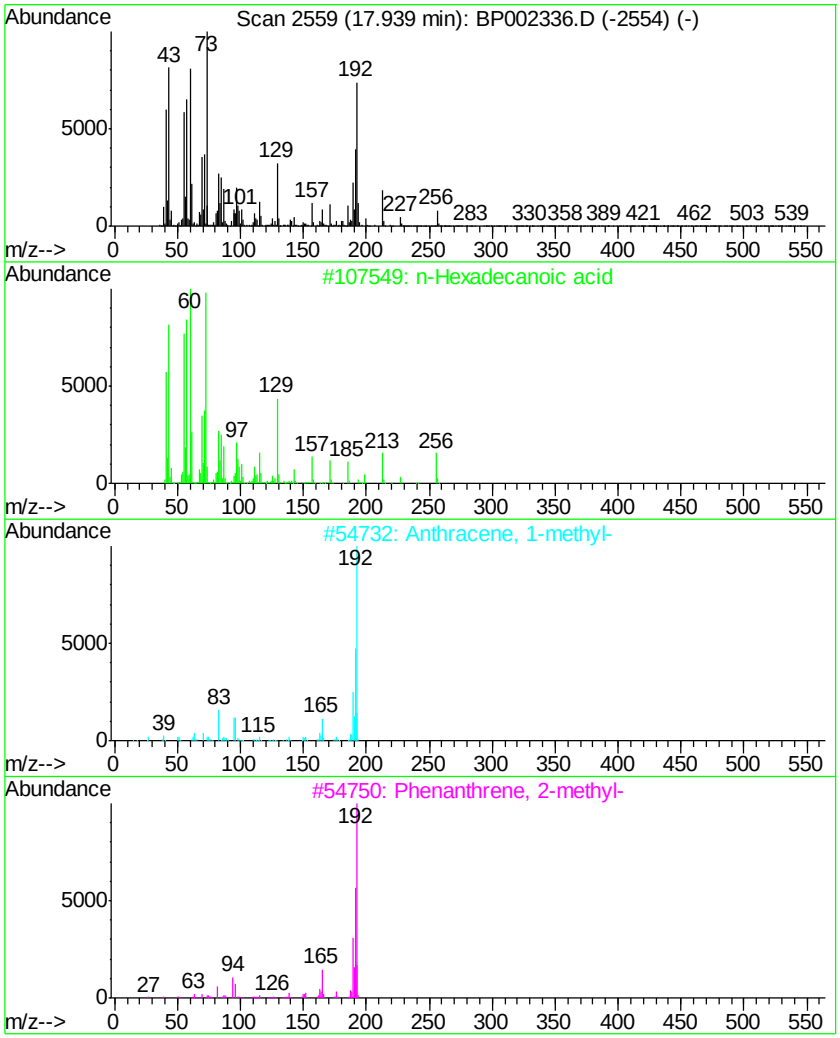
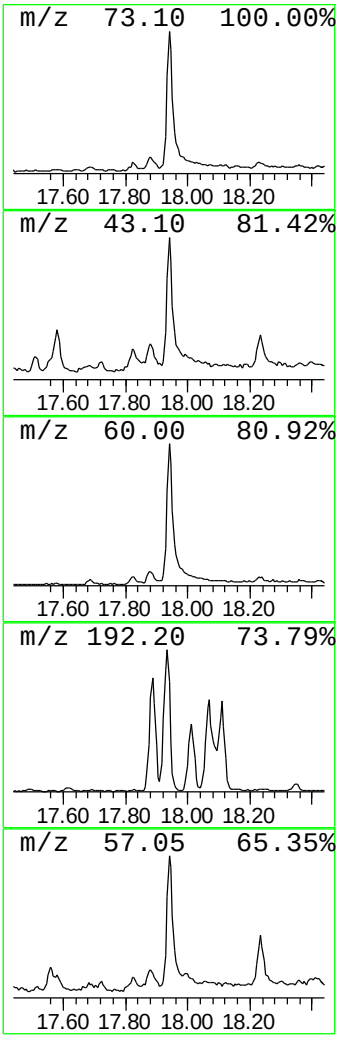
Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.12 ng	766948	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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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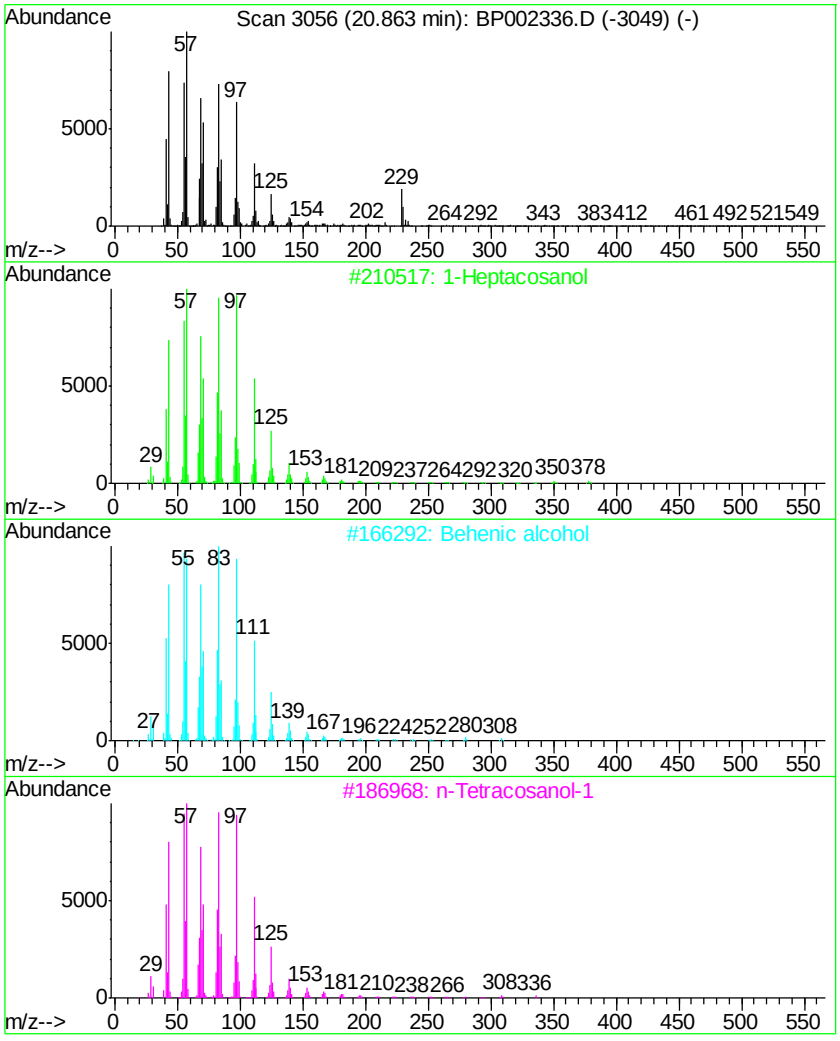
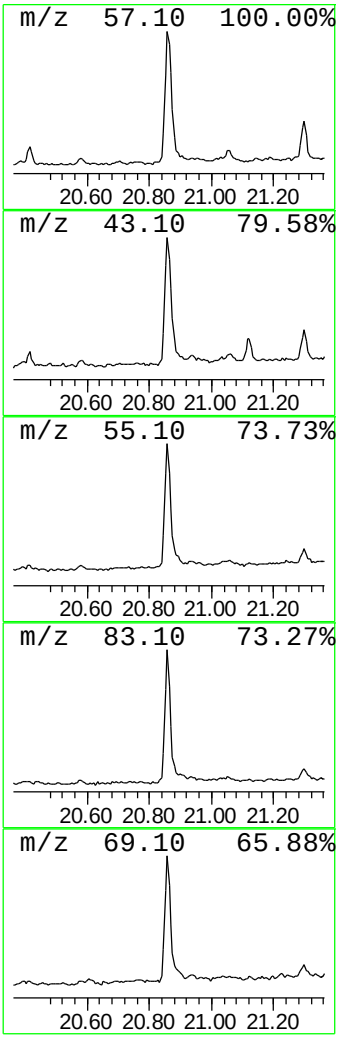
Peak Number 3 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.10 ng	1278020	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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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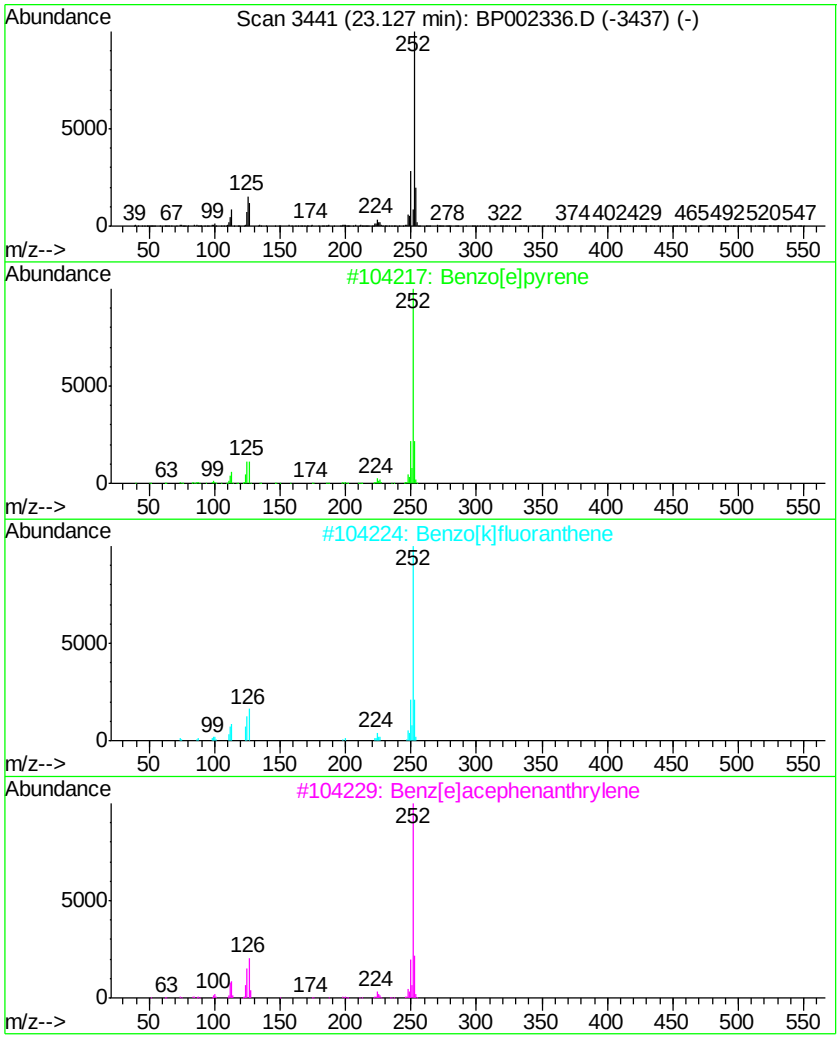
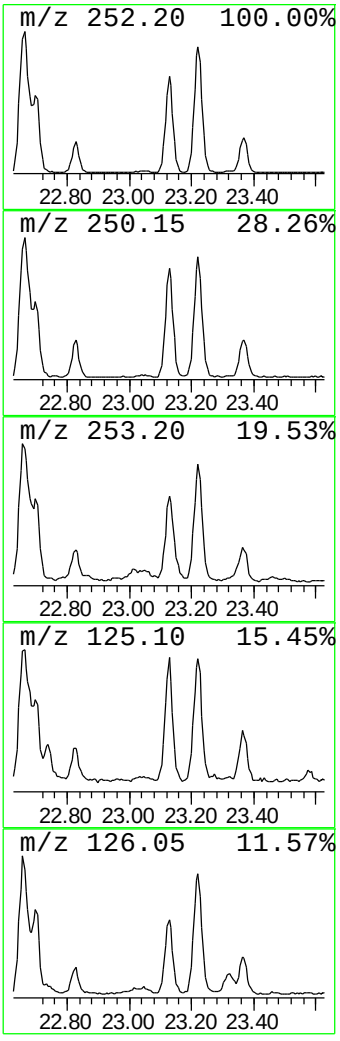
Peak Number 4 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	3.28 ng	756389	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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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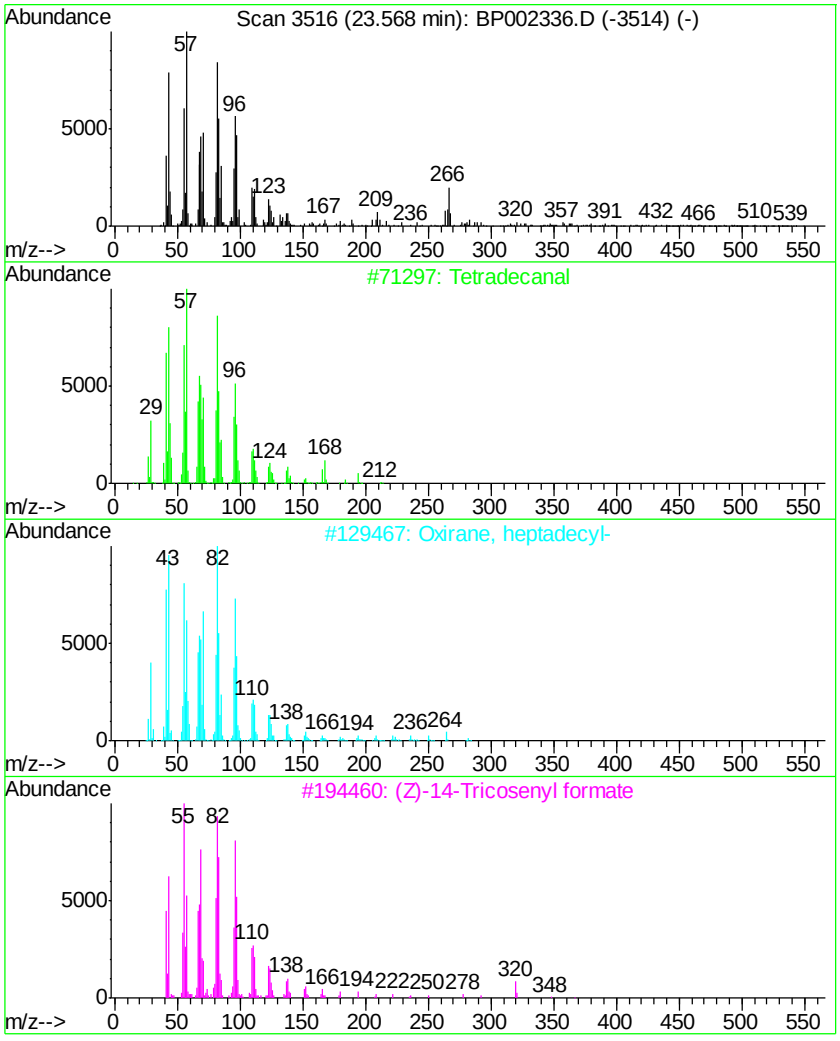
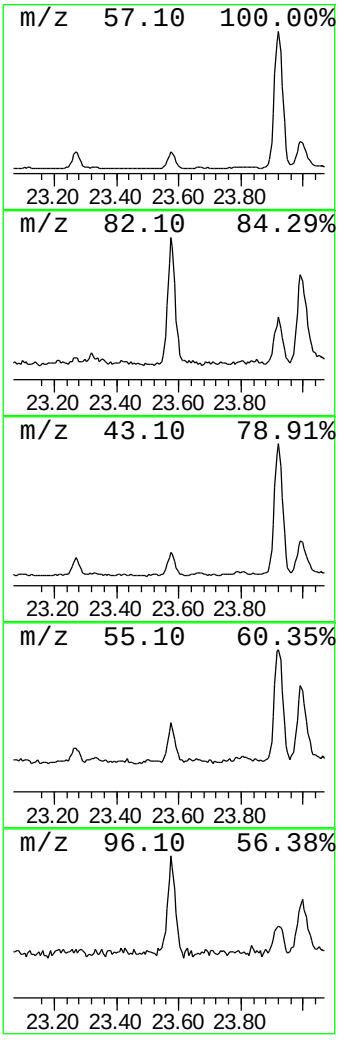
Peak Number 5 Tetradecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	2.01 ng	463513	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	89
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	76
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	70
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	68
5	Pentadecanal-	226	C15H30O	002765-11-9	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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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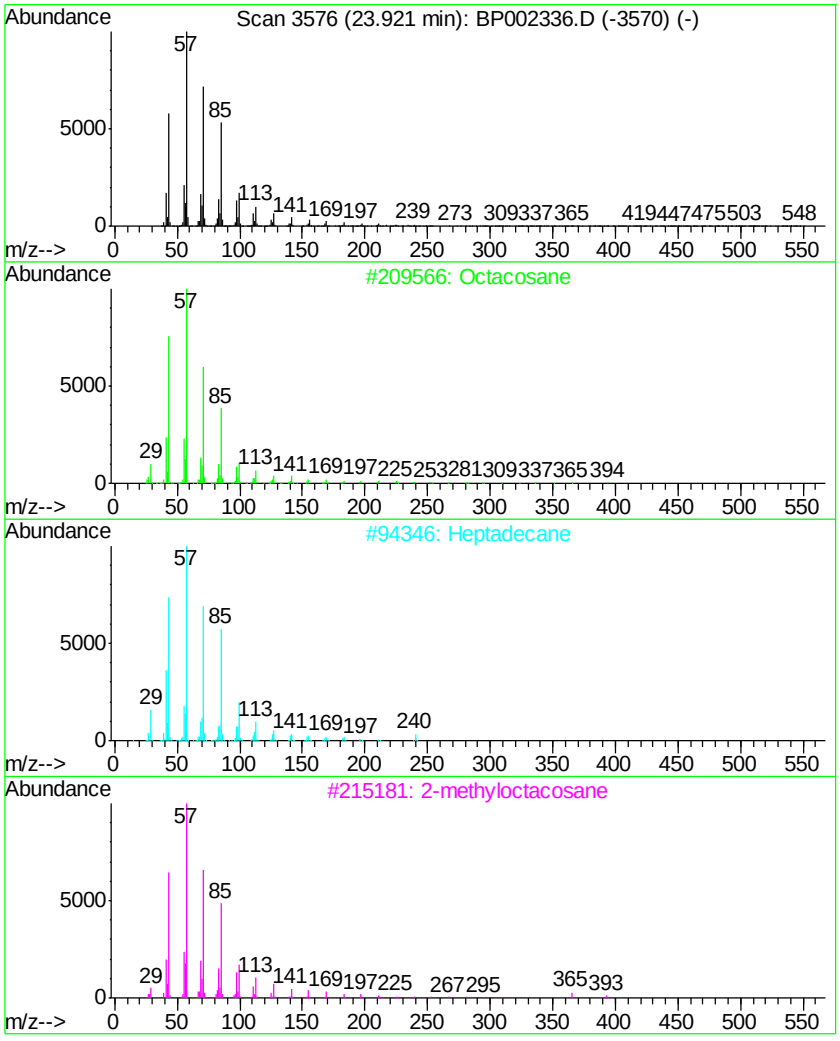
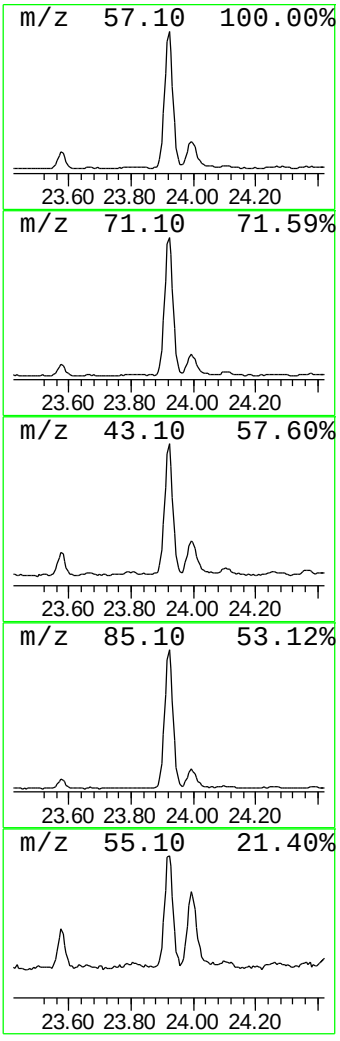
Peak Number 6 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	8.92 ng	2058730	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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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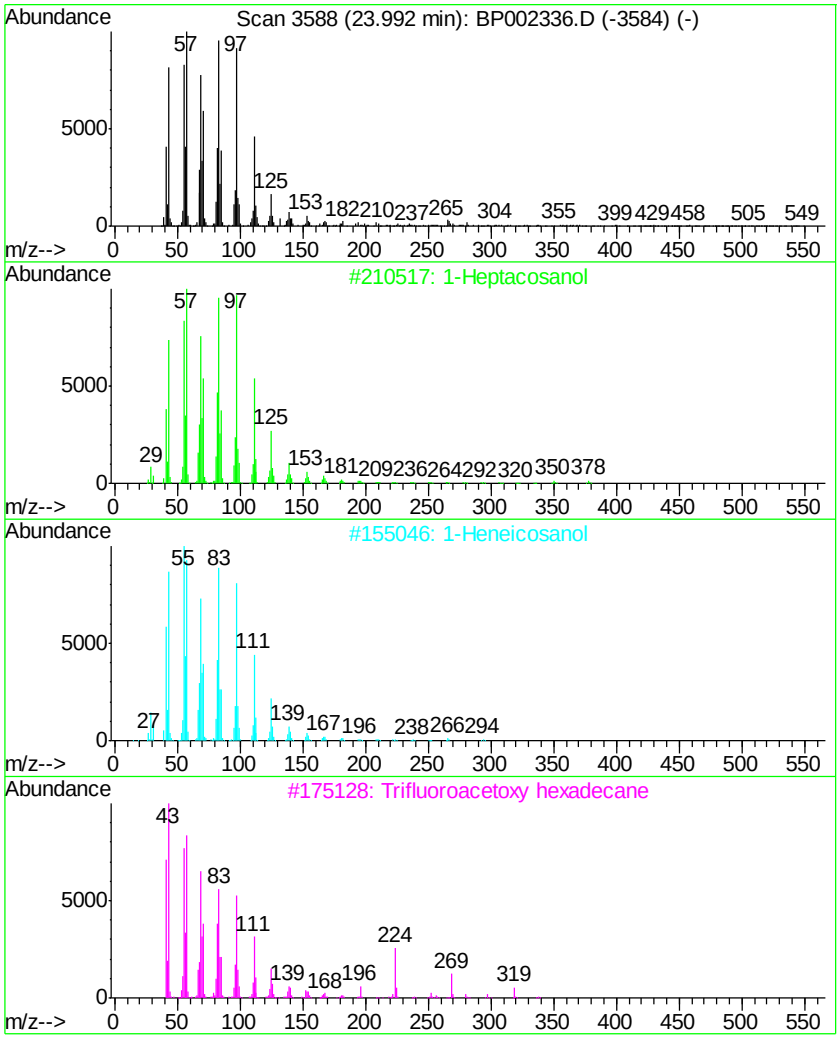
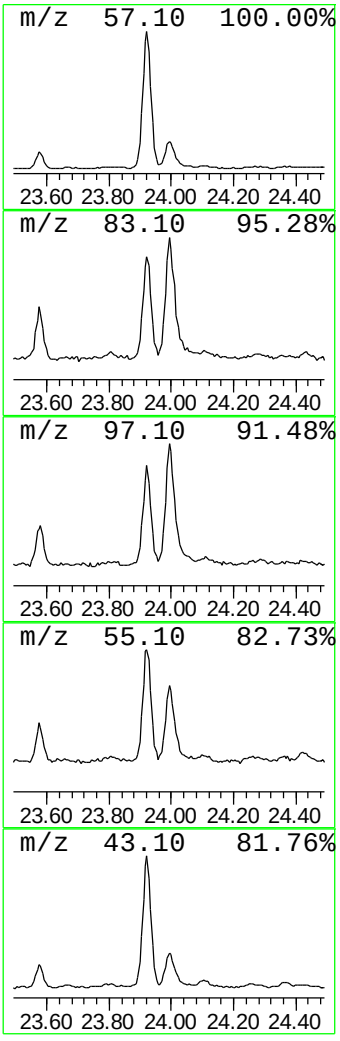
Peak Number 7 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.75 ng	866072	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

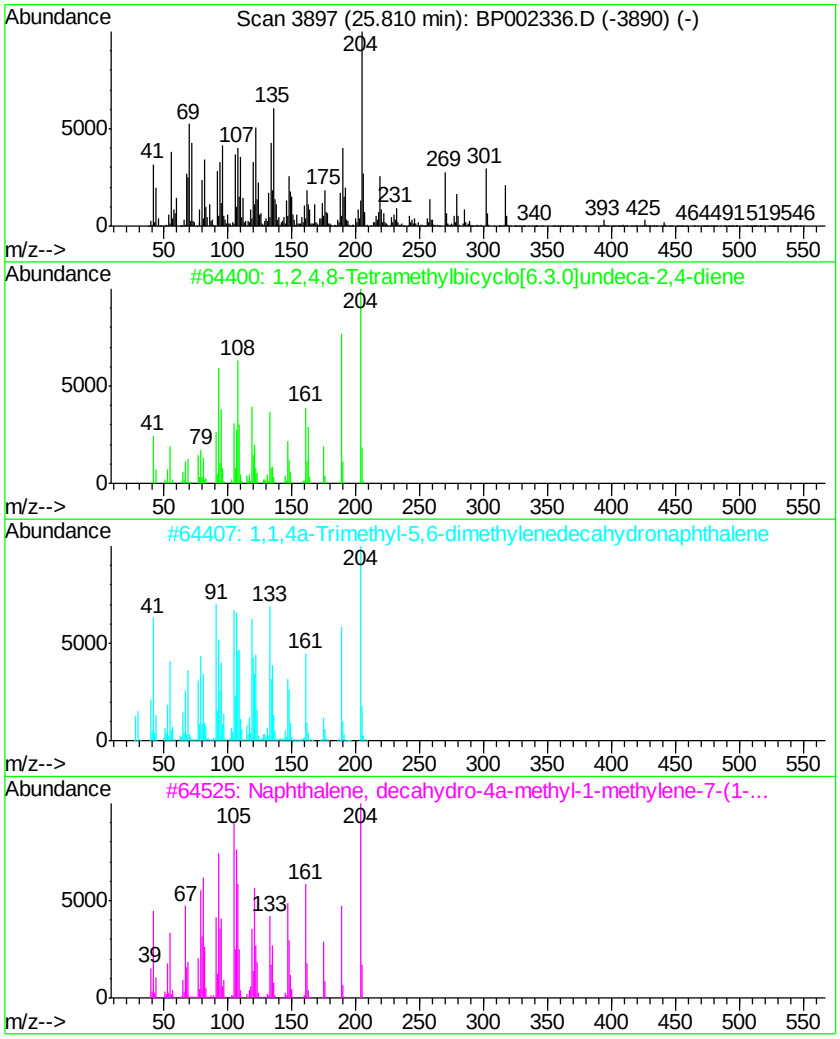
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

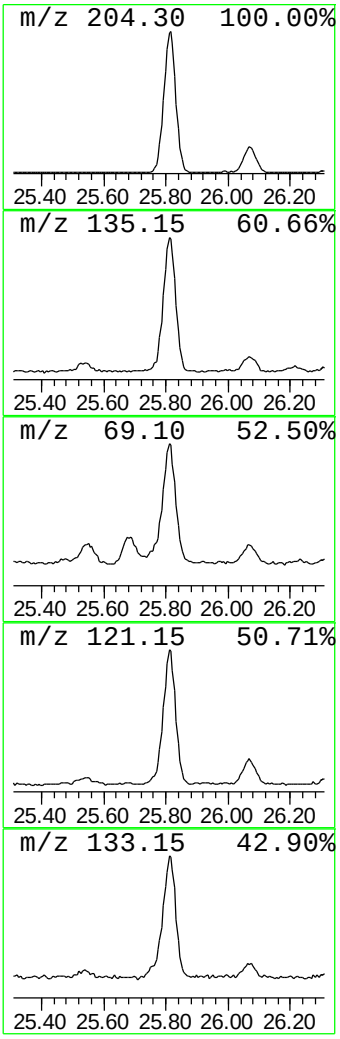
****

Peak Number 8 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	21.53 ng	4967190	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	70
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
3	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	46
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	46
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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
n-Hexadecanoic acid	17.94	3.1	ng	766948	4	17.01	4911730	20.0
Behenic alcohol	20.86	4.1	ng	1278020	5	21.11	6232410	20.0
Benzo[e]pyrene	23.13	3.3	ng	756389	6	23.32	4614340	20.0
Tetradecanal	23.57	2.0	ng	463513	6	23.32	4614340	20.0
Octacosane	23.92	8.9	ng	2058730	6	23.32	4614340	20.0
1-Heptacosanol	23.99	3.8	ng	866072	6	23.32	4614340	20.0
1,2,4,8-Tetrameth...	25.81	21.5	ng	4967190	6	23.32	4614340	20.0