LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001241.D
Acq On : 06 Dec 2019 20:52
Operator : JU
Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-2

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-BP112719.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	5.616	591	600	612	rBV	267861	440672	17.73%	1.777%
2	6.222	696	703	715	rBV	1646431	2090787	84.14%	8.429%
3	7.763	958	965	974	rBV	1836065	2279643	91.74%	9.191%
4	7.946	990	996	1001	rBV	1863561	2246270	90.39%	9.056%
5	8.310	1052	1058	1068	rBV	445713	544945	21.93%	2.197%
6	8.552	1093	1099	1103	rBV	1418732	1686236	67.86%	6.798%
7	9.187	1201	1207	1211	rBV	1220185	1429695	57.53%	5.764%
8	10.340	1398	1403	1408	rBV	598105	655094	26.36%	2.641%
9	12.122	1698	1706	1710	rBV	2174179	2484973	100.00%	10.019%
10	12.787	1809	1819	1824	rBV	186400	214152	8.62%	0.863%
11	12.969	1843	1850	1858	rBV	24581	37760	1.52%	0.152%
12	13.198	1884	1889	1895	rBV	638252	792238	31.88%	3.194%
13	14.492	2103	2109	2121	rBV	1448123	1789888	72.03%	7.216%
14	15.598	2292	2297	2300	rBV	698714	771407	31.04%	3.110%
15	15.634	2300	2303	2308	rVB	169799	184048	7.41%	0.742%
16	15.710	2312	2316	2319	rBV	60290	67623	2.72%	0.273%
17	16.351	2422	2425	2429	rBV	29299	38416	1.55%	0.155%
18	16.392	2429	2432	2437	rVB	45229	54432	2.19%	0.219%
19	16.486	2444	2448	2455	rBV2	197319	301168	12.12%	1.214%
20	16.786	2496	2499	2505	rBV2	20083	39032	1.57%	0.157%
21	17.133	2555	2558	2562	rBV	31176	42960	1.73%	0.173%
22	17.339	2589	2593	2598	rVB	331237	382522	15.39%	1.542%
23	17.569	2629	2632	2637	rBV	57898	74530	3.00%	0.300%
24	17.645	2641	2645	2649	rVB	337182	409589	16.48%	1.651%
25	17.880	2680	2685	2689	rVB	2241008	2406767	96.85%	9.703%
26	19.110	2891	2894	2903	rBV3	298227	492279	19.81%	1.985%
27	19.239	2911	2916	2919	rBV2	695106	889512	35.80%	3.586%
28	19.269	2919	2921	2926	rVB	158040	175250	7.05%	0.707%
29	19.533	2963	2966	2971	rBV	97511	120004	4.83%	0.484%
30	19.922	3030	3032	3039	rVB2	136946	195529	7.87%	0.788%
31	20.110	3060	3064	3069	rBV	830873	890891	35.85%	3.592%
32	21.016	3214	3218	3222	rVB	458225	575265	23.15%	2.319%

LSC Area Percent Report

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Acq On : 06 Dec 2019 20:52
Operator : JU
Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-2

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-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 24803577

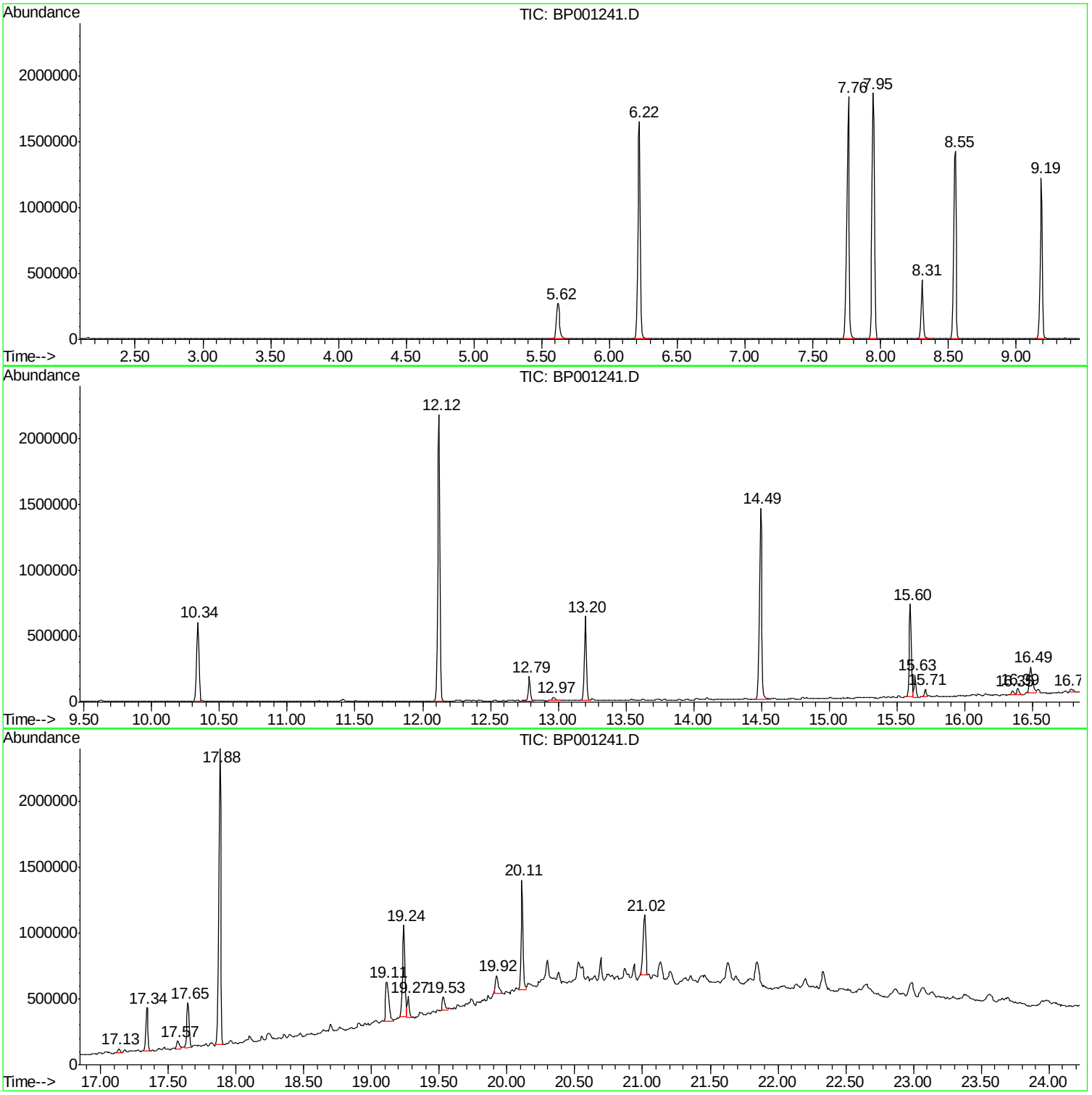
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001241.D
Acq On : 06 Dec 2019 20:52
Operator : JU
Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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\BP120619\
Data File : BP001241.D
Acq On : 06 Dec 2019 20:52
Operator : JU
Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

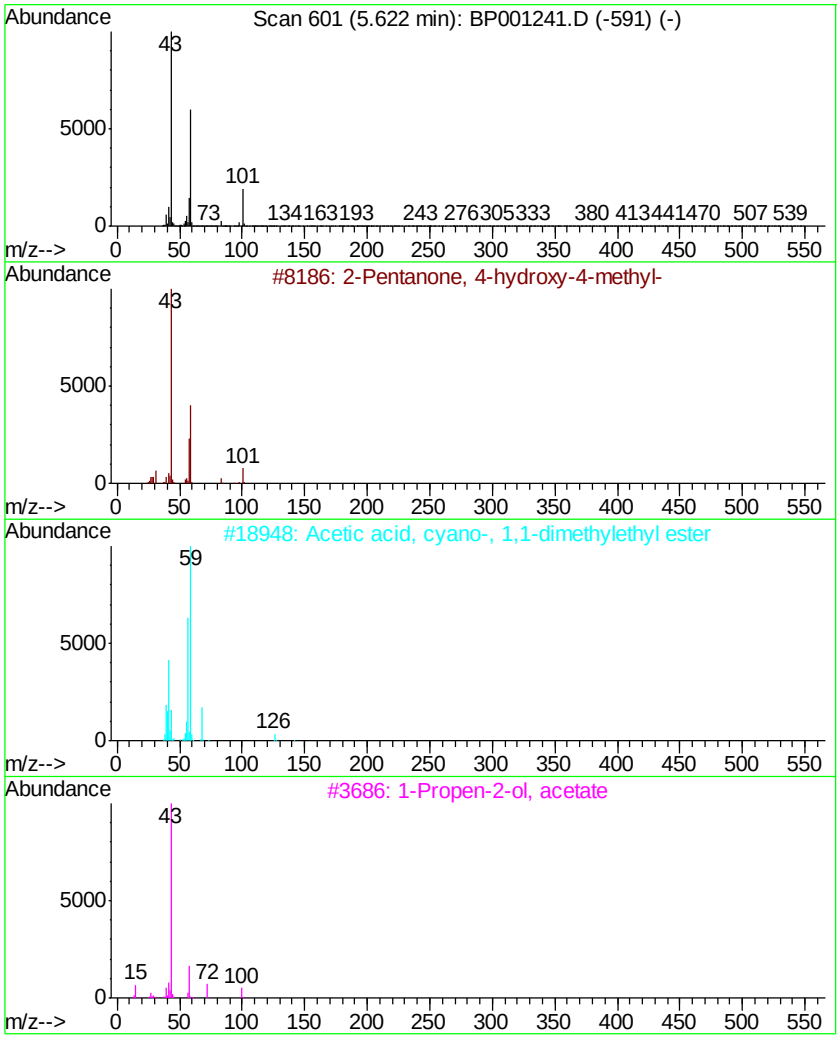
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

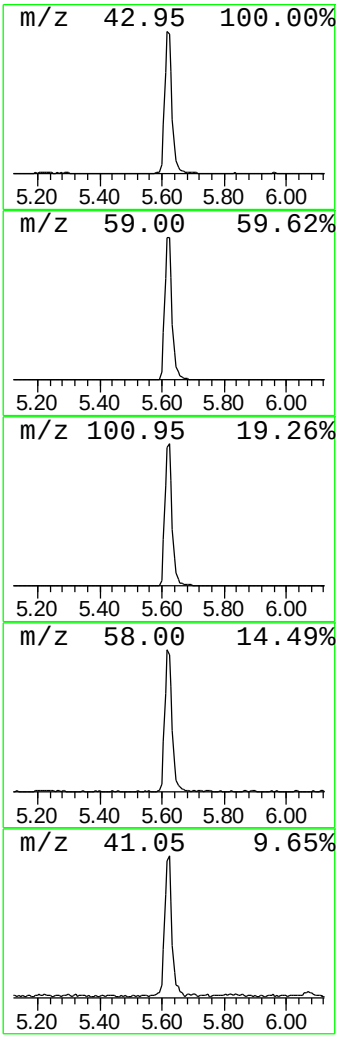
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	16.17 ng	440672	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001241.D
Acq On : 06 Dec 2019 20:52
Operator : JU
Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

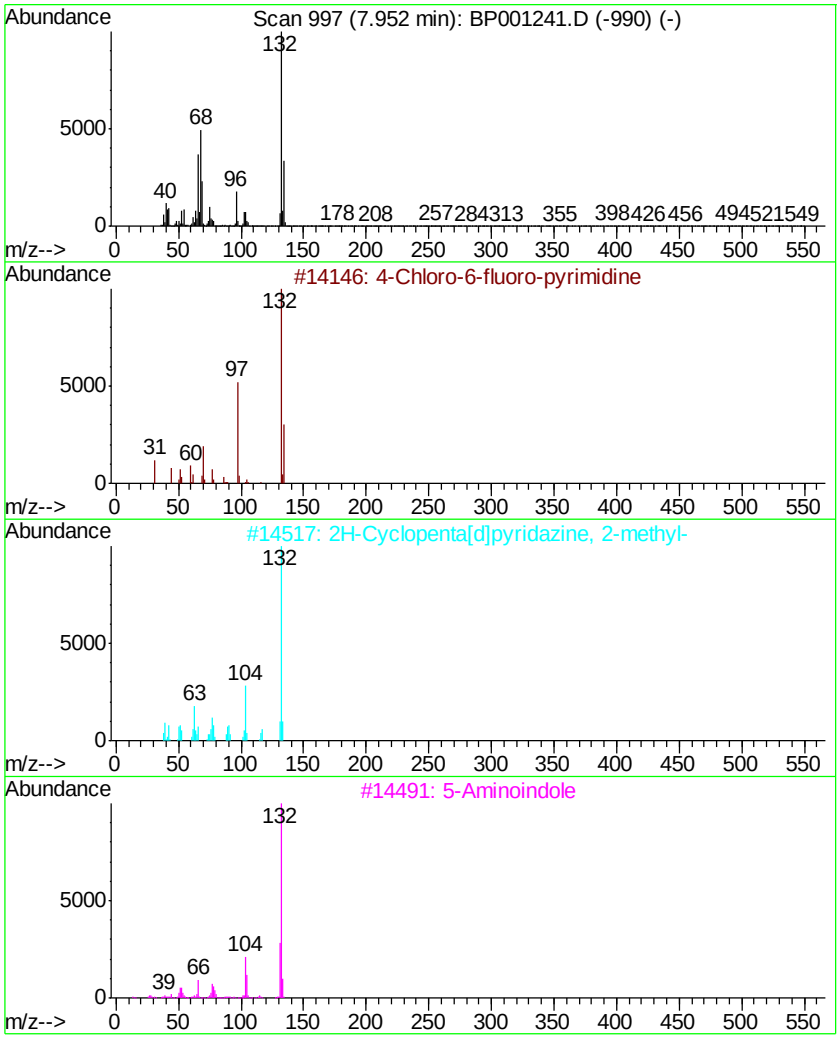
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

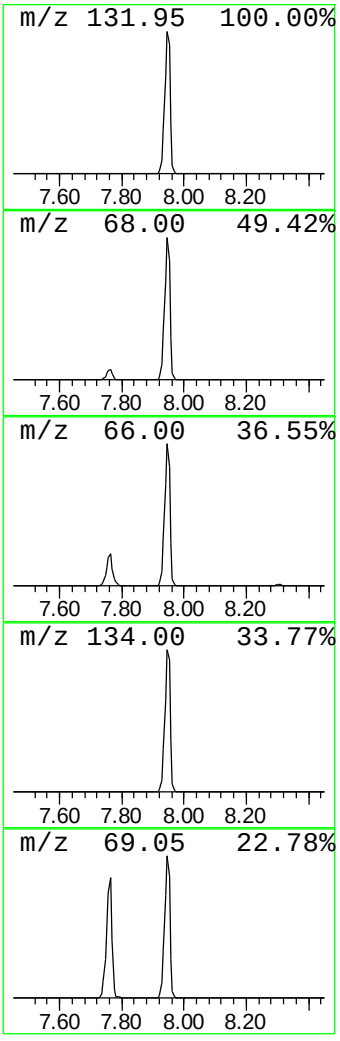
****

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	82.44 ng	2246270	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001241.D
Acq On : 06 Dec 2019 20:52
Operator : JU
Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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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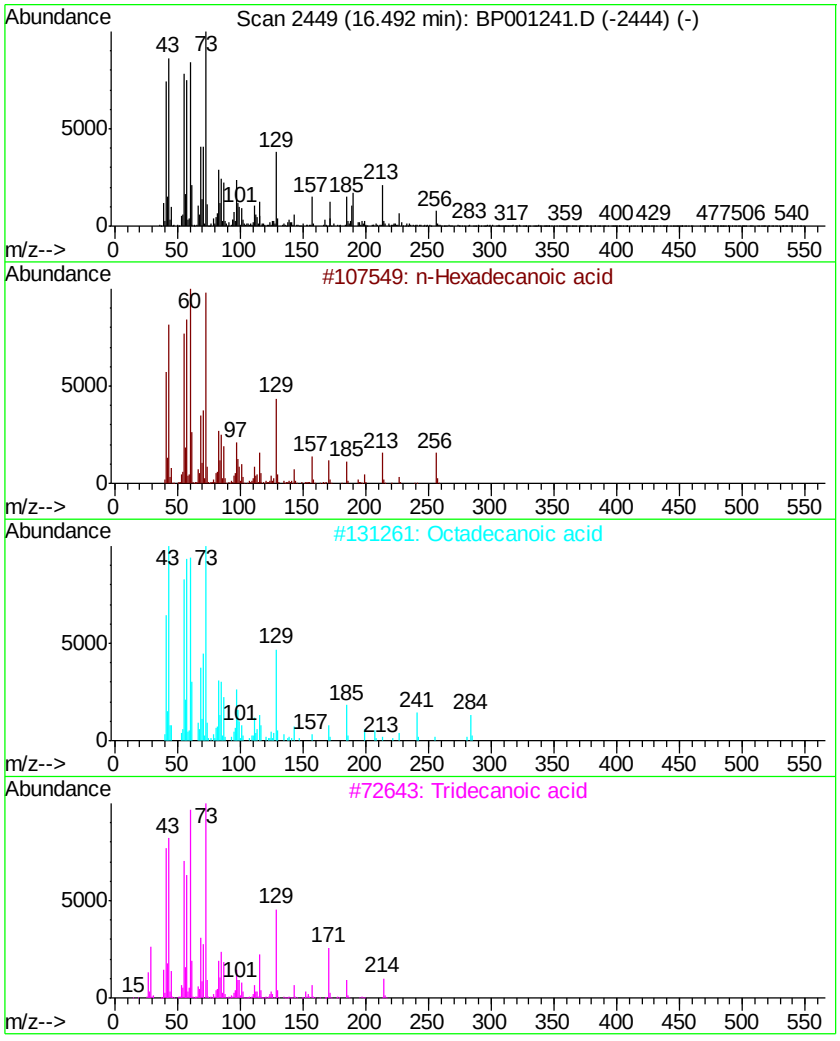
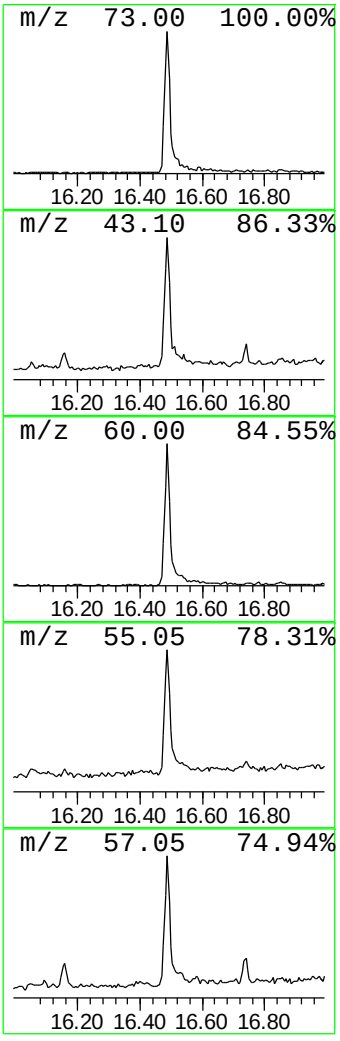
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	7.81 ng	301168	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001241.D
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Operator : JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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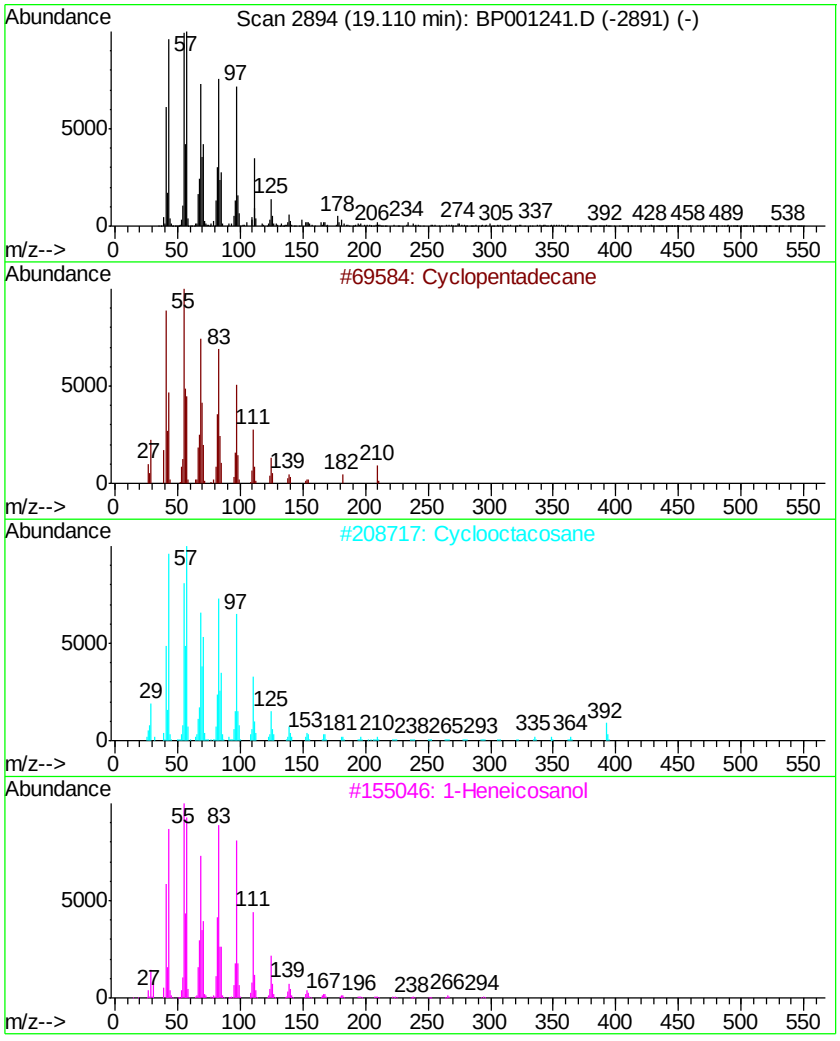
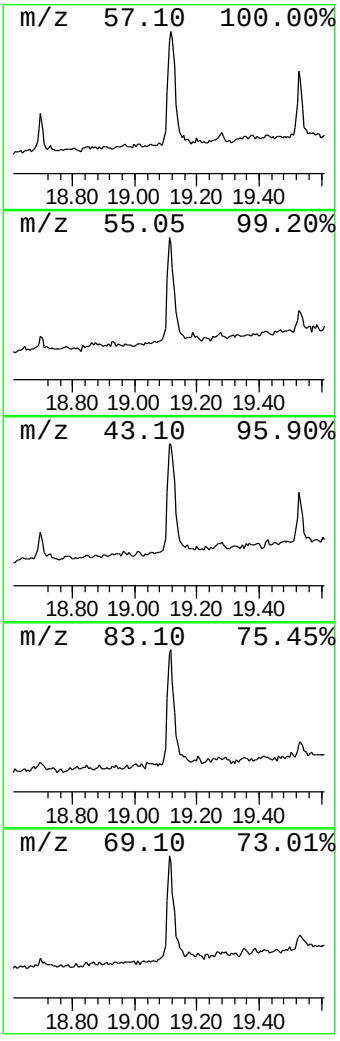
Peak Number 5 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	11.07 ng	492279	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Cyclooctacosane	392	C28H56	000297-24-5	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Docosene	308	C22H44	001599-67-3	93
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	93





Library Search Compound Report

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Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

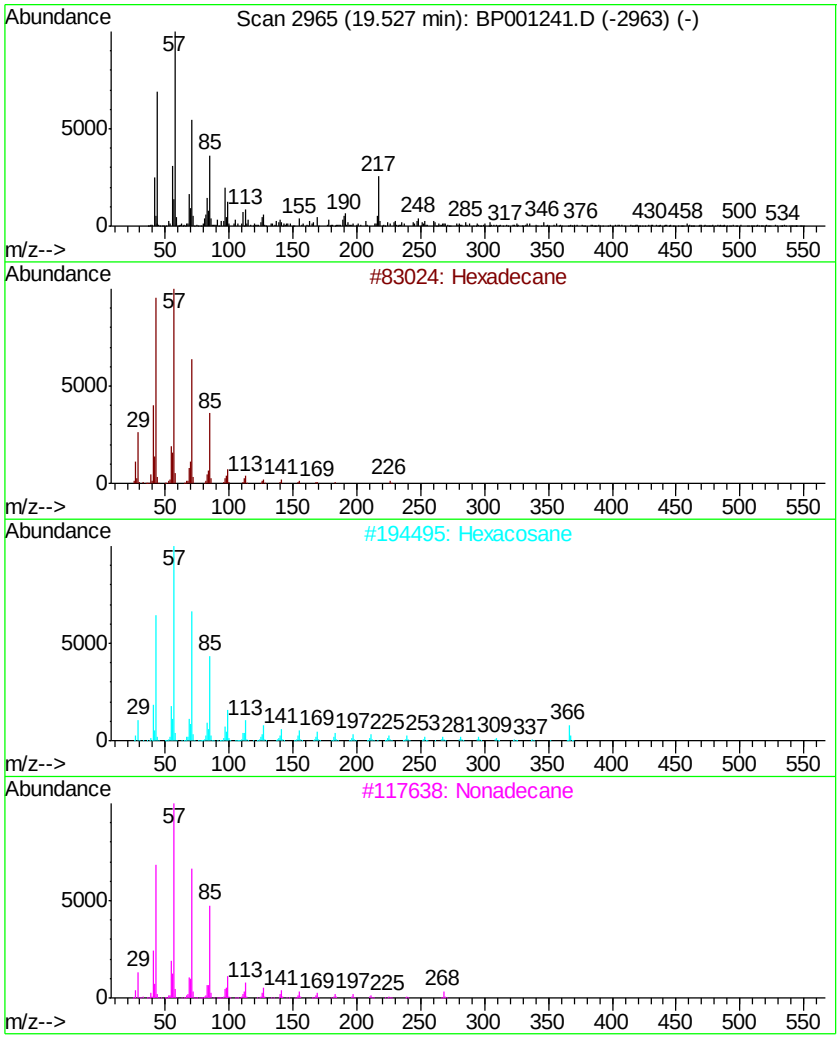
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

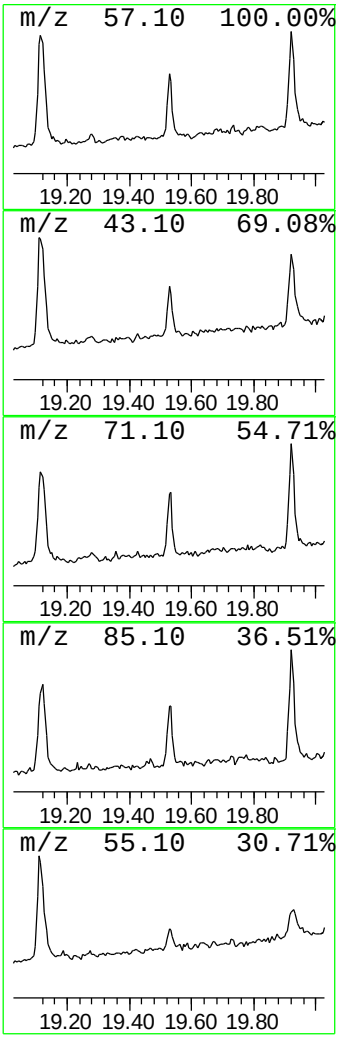
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.70 ng	120004	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Hexacosane	366	C26H54	000630-01-3	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	Pentatriacontane	493	C35H72	000630-07-9	64
5	Heptacosane	380	C27H56	000593-49-7	64





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Operator : JU
Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

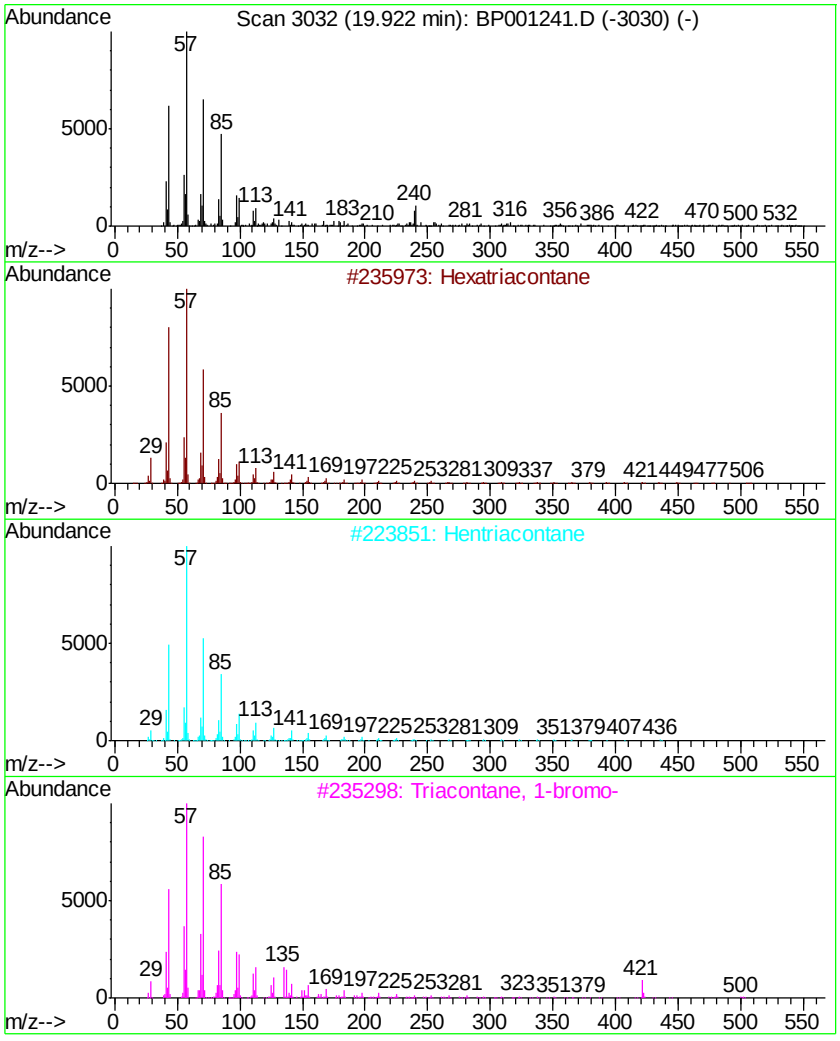
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

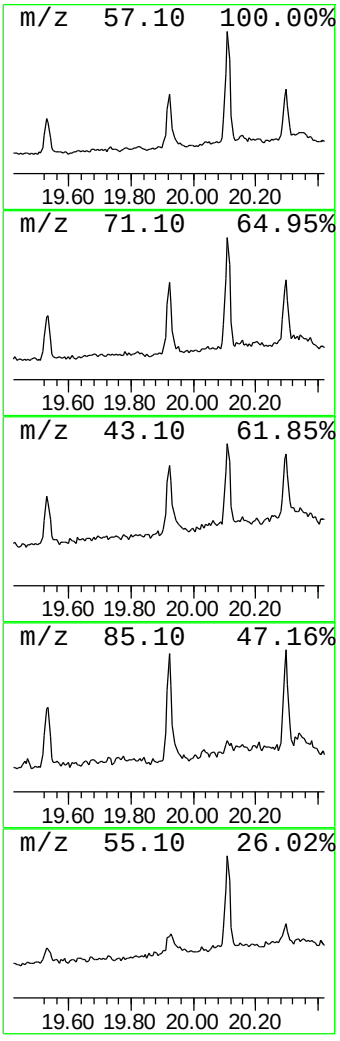
****

Peak Number 7 Hexatriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	4.40 ng	195529	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Hentriacontane	437	C31H64	000630-04-6	89
3	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	76
4	Eicosane	282	C20H42	000112-95-8	76
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68





Tentatively Identified Compound (LSC) summary

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Acq On : 06 Dec 2019 20:52
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Instrument : BNA_P
ClientSampleId : TH-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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
2-Pentanone, 4-hy...	5.62	16.2	ng	440672	1	8.31	544945	20.0
unknown7.95	7.95	82.4	ng	2246270	1	8.31	544945	20.0
n-Hexadecanoic acid	16.49	7.8	ng	301168	4	15.60	771407	20.0
Cyclopentadecane	19.11	11.1	ng	492279	5	19.24	889512	20.0
Hexadecane	19.53	2.7	ng	120004	5	19.24	889512	20.0
Hexatriacontane	19.92	4.4	ng	195529	5	19.24	889512	20.0