LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

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-BP010820.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	2.893	14	18	27	rBV2	14544	28142	1.08%	0.138%
2	2.970	27	31	44	rVB	133833	206582	7.94%	1.016%
3	4.828	341	347	359	rVB	219009	314089	12.07%	1.545%
4	5.287	418	425	437	rBV	926475	1357124	52.17%	6.675%
5	6.858	681	692	705	rBV	1026347	1678327	64.52%	8.254%
6	7.199	742	750	763	rBV	1017130	1578289	60.67%	7.762%
7	7.652	819	827	835	rBV	180056	288955	11.11%	1.421%
8	7.969	873	881	889	rBV	747750	1185660	45.58%	5.831%
9	8.805	1010	1023	1035	rBV	646372	1072374	41.23%	5.274%
10	10.428	1289	1299	1305	rBV	229668	375543	14.44%	1.847%
11	12.916	1715	1722	1733	rVB	1414938	2008163	77.20%	9.877%
12	13.763	1861	1866	1874	rVB	95114	130710	5.02%	0.643%
13	14.151	1913	1932	1942	rBV3	37756	131183	5.04%	0.645%
14	14.298	1950	1957	1963	rVV	345031	504057	19.38%	2.479%
15	14.363	1963	1968	1973	rVB	17814	27768	1.07%	0.137%
16	15.351	2131	2136	2141	rBV	26364	36126	1.39%	0.178%
17	15.798	2205	2212	2222	rBV	1388532	1894746	72.84%	9.319%
18	17.057	2420	2426	2430	rBV	441647	631509	24.28%	3.106%
19	17.098	2430	2433	2439	rVV	230994	289821	11.14%	1.425%
20	17.186	2439	2448	2455	rVB	68804	102580	3.94%	0.505%
21	17.934	2571	2575	2579	rBV	26372	35115	1.35%	0.173%
22	17.992	2579	2585	2592	rVV2	207521	328084	12.61%	1.614%
23	18.057	2593	2596	2602	rVV	22838	40017	1.54%	0.197%
24	18.116	2602	2606	2611	rVV3	41969	78064	3.00%	0.384%
25	18.828	2722	2727	2733	rBV4	27408	50066	1.92%	0.246%
26	18.963	2746	2750	2757	rVB3	15502	26854	1.03%	0.132%
27	19.081	2765	2770	2775	rBV	383542	488086	18.76%	2.401%
28	19.233	2792	2796	2807	rBV3	64638	110033	4.23%	0.541%
29	19.433	2821	2830	2838	rBV	283433	453592	17.44%	2.231%
30	19.651	2861	2867	2877	rVB	2037326	2601261	100.00%	12.794%
31	19.757	2880	2885	2890	rBV5	19812	47508	1.83%	0.234%
32	19.922	2910	2913	2920	rVB	44864	68732	2.64%	0.338%
33	20.022	2926	2930	2934	rVB2	28863	34749	1.34%	0.171%
34	20.075	2936	2939	2942	rVB2	23512	29954	1.15%	0.147%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.651	3034	3037	3041	rBV	25333	32914	1.27%	0.162%
36	20.910	3076	3081	3085	rBV2	266726	334955	12.88%	1.647%
37	21.163	3118	3124	3128	rBV2	455661	763801	29.36%	3.757%
38	21.204	3128	3131	3137	rVB	135621	177860	6.84%	0.875%
39	21.345	3153	3155	3160	rVB	47807	48488	1.86%	0.238%
40	21.792	3228	3231	3237	rVB2	63267	84024	3.23%	0.413%
41	22.269	3308	3312	3316	rVB	72241	96721	3.72%	0.476%
42	22.757	3390	3395	3396	rBV	70726	112145	4.31%	0.552%
43	23.433	3505	3510	3526	rVB	182162	447873	17.22%	2.203%

Sum of corrected areas: 20332644

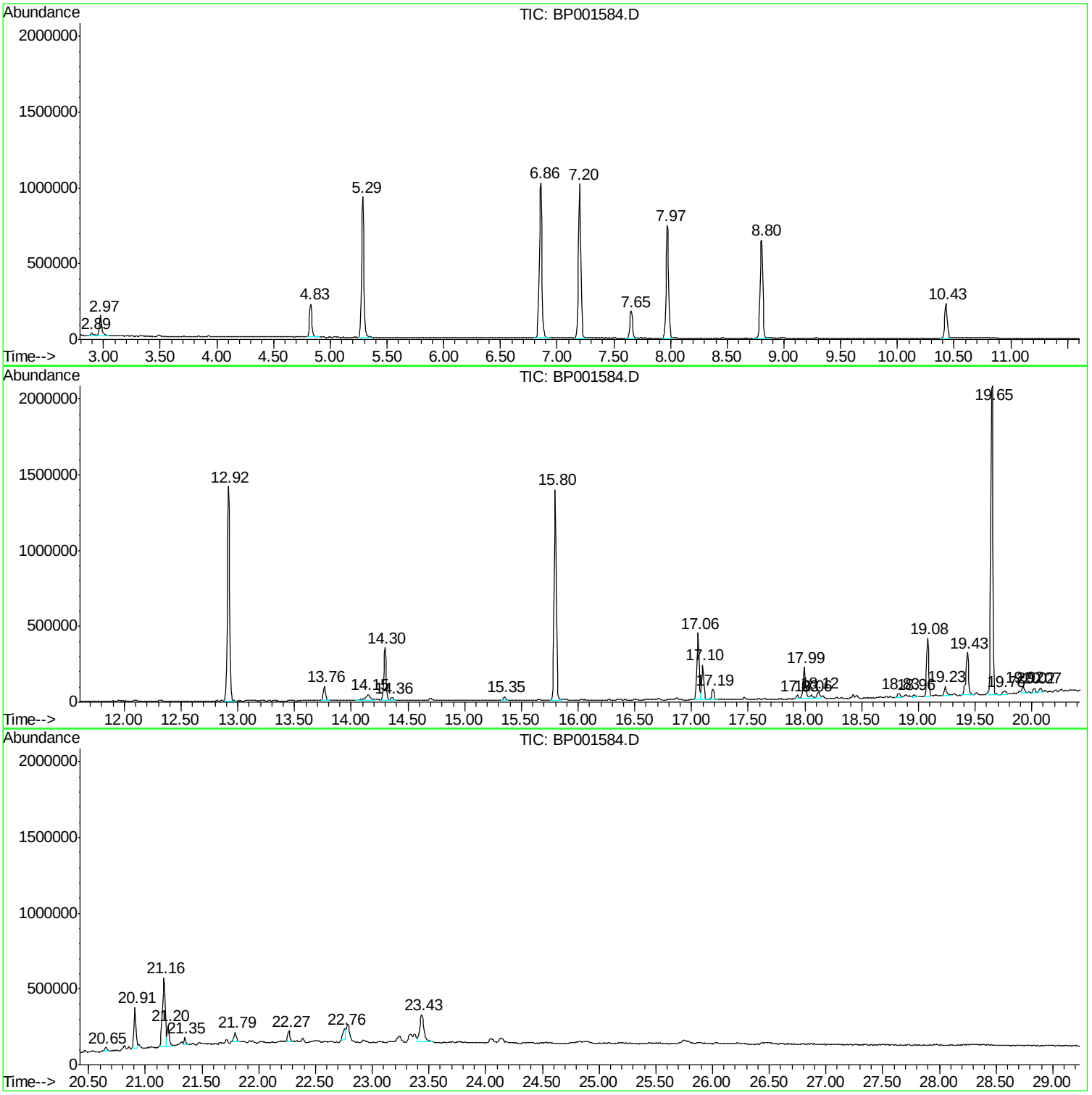
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

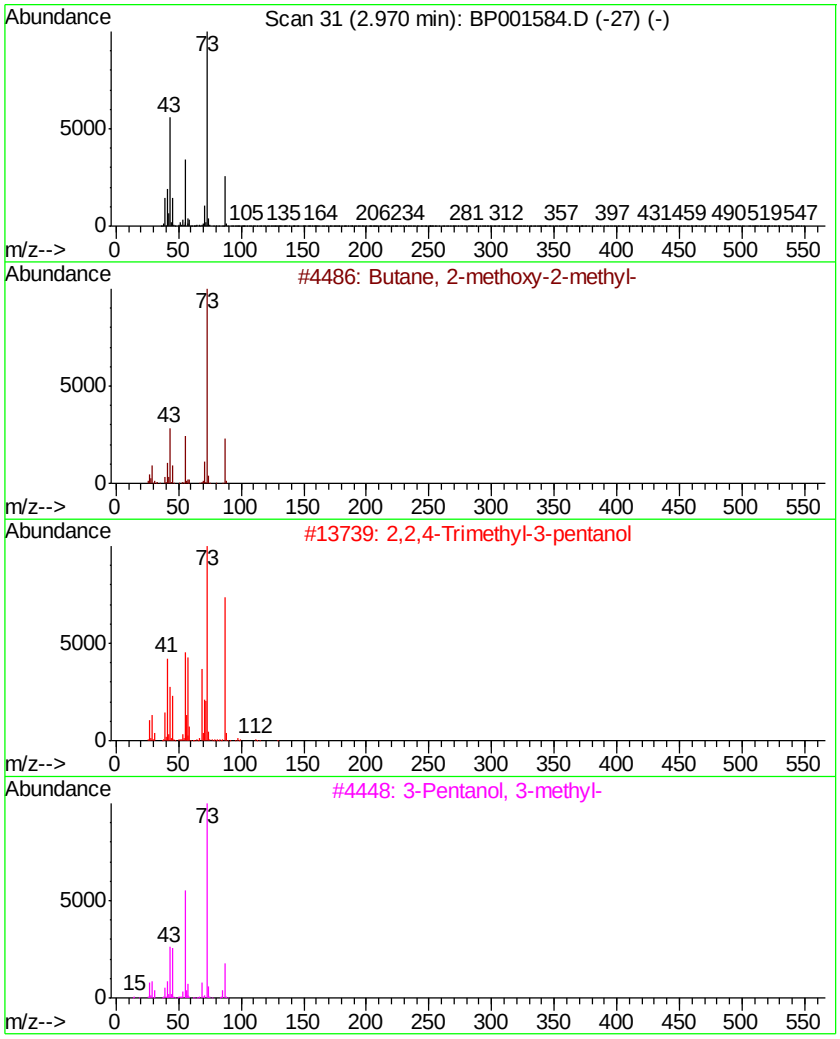
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

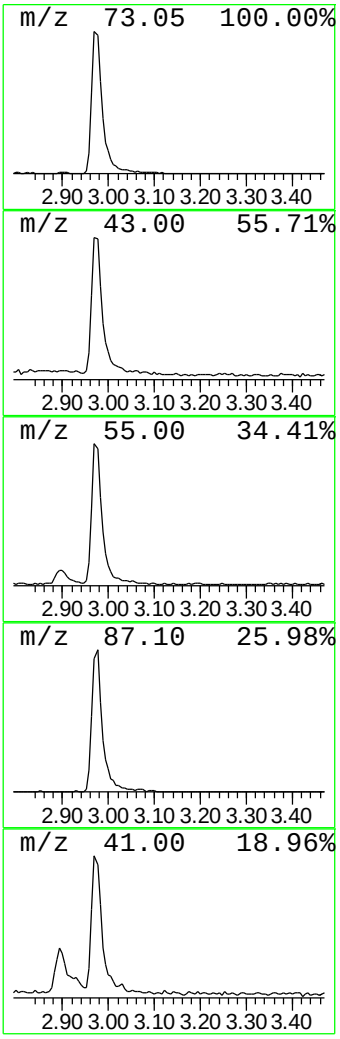
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	14.30 ng	206582	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

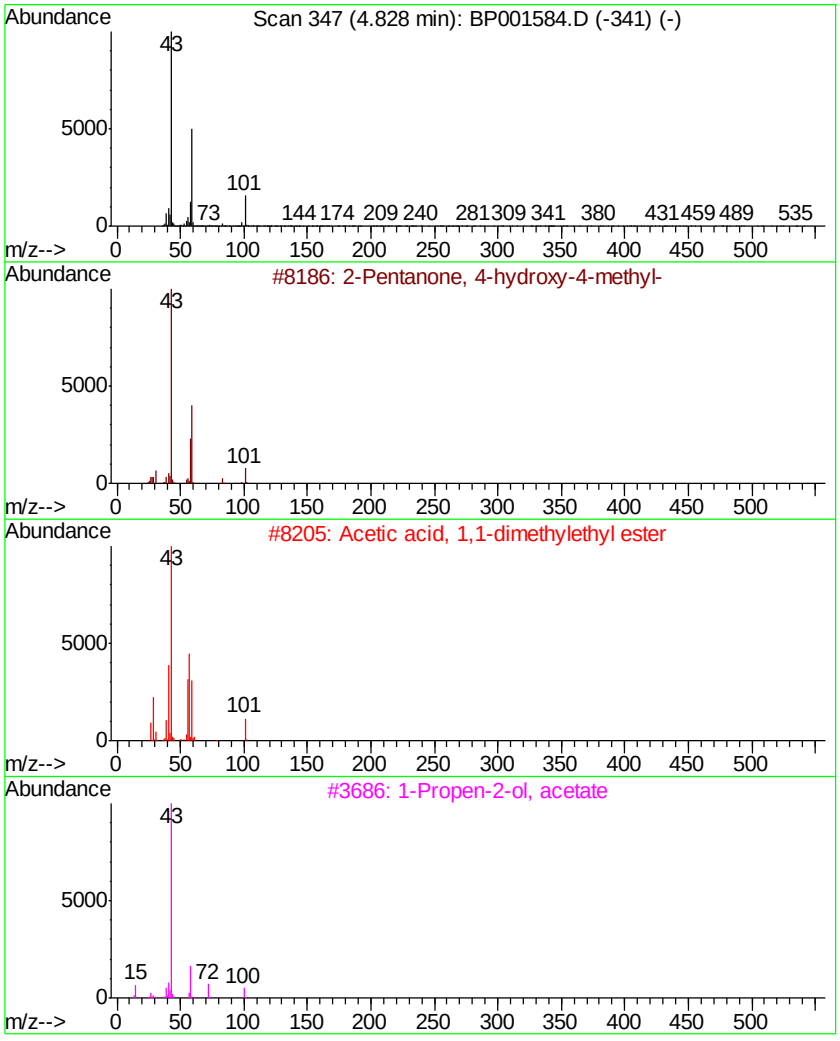
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

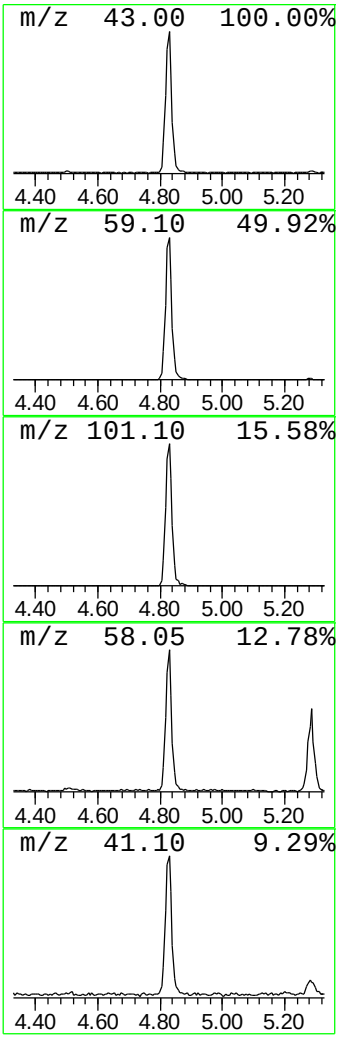
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	21.74 ng	314089	1,4-Dichlorobenzene-d4	7.65

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

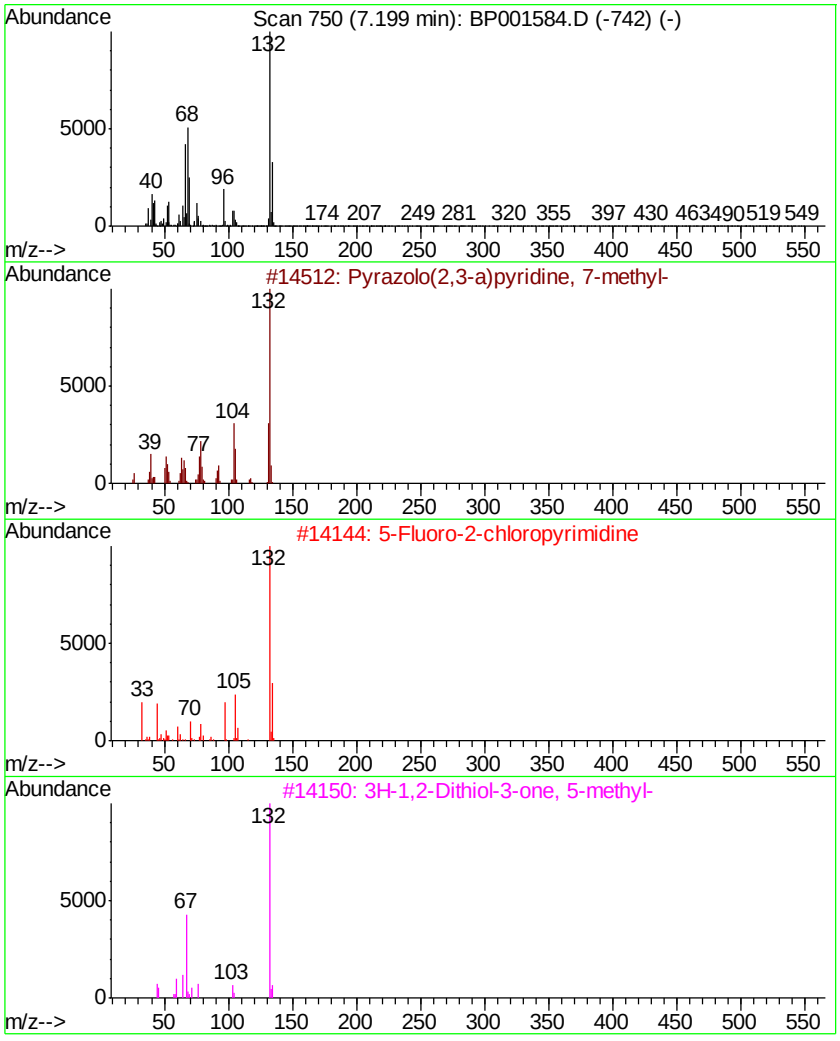
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

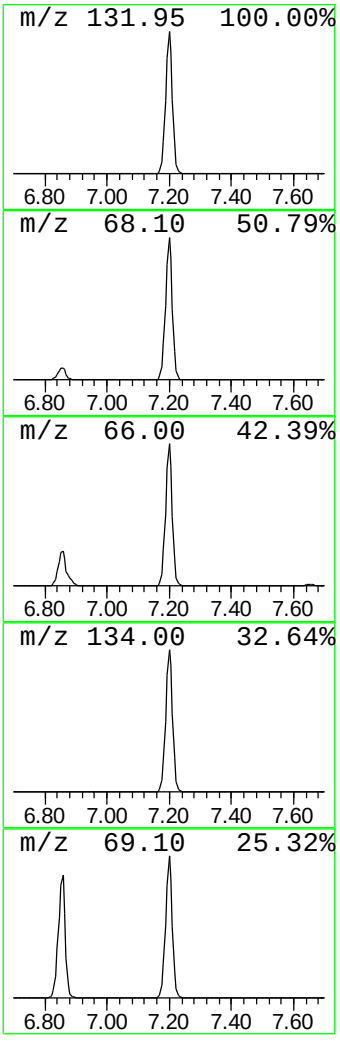
****

Peak Number 3 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	109.24 ng	1578290	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
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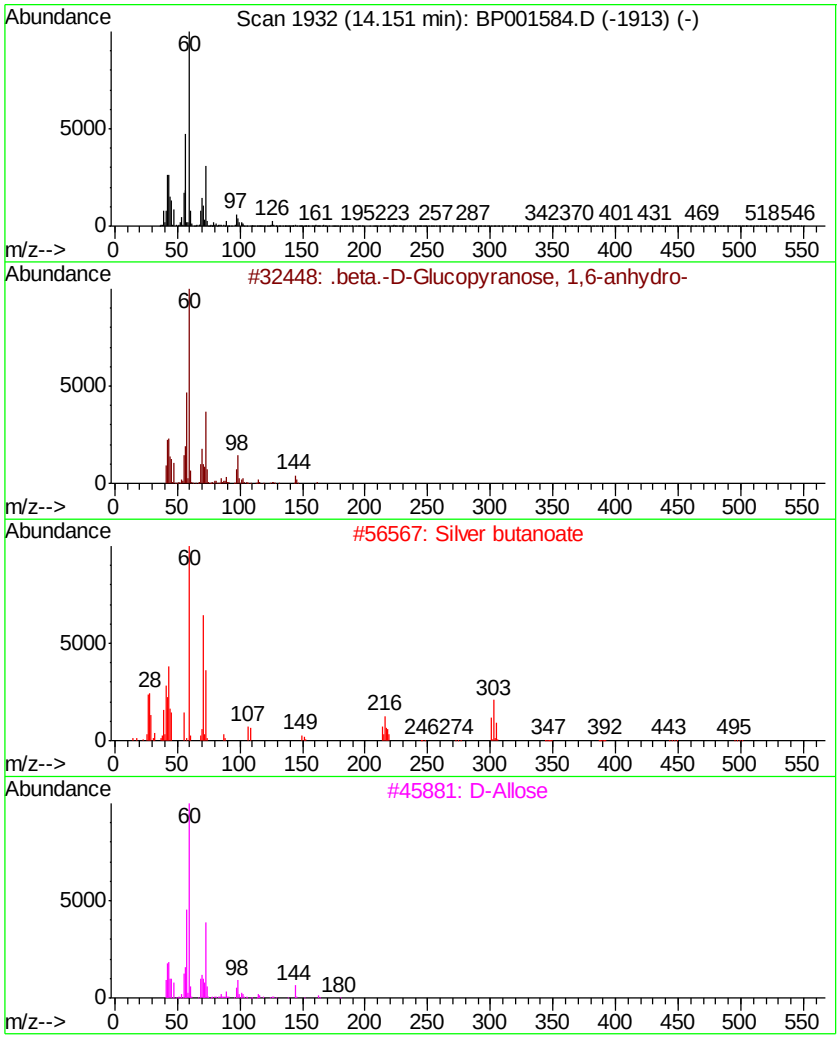
TIC Integration Parameters: LSCINT.P

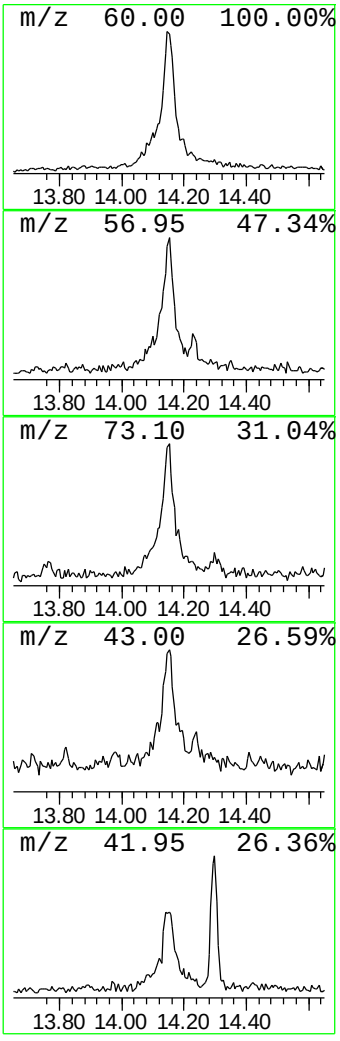
****

Peak Number 5 .beta.-D-Glucopyranose, 1,6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	5.21 ng	131183	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	72
2	Silver butanoate	194	C4H7AgO2	005076-24-4	59
3	D-Allose	180	C6H12O6	002595-97-3	59
4	Hexanoic acid	116	C6H12O2	000142-62-1	50
5	3,4-Altrosan	162	C6H10O5	1000129-76-4	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

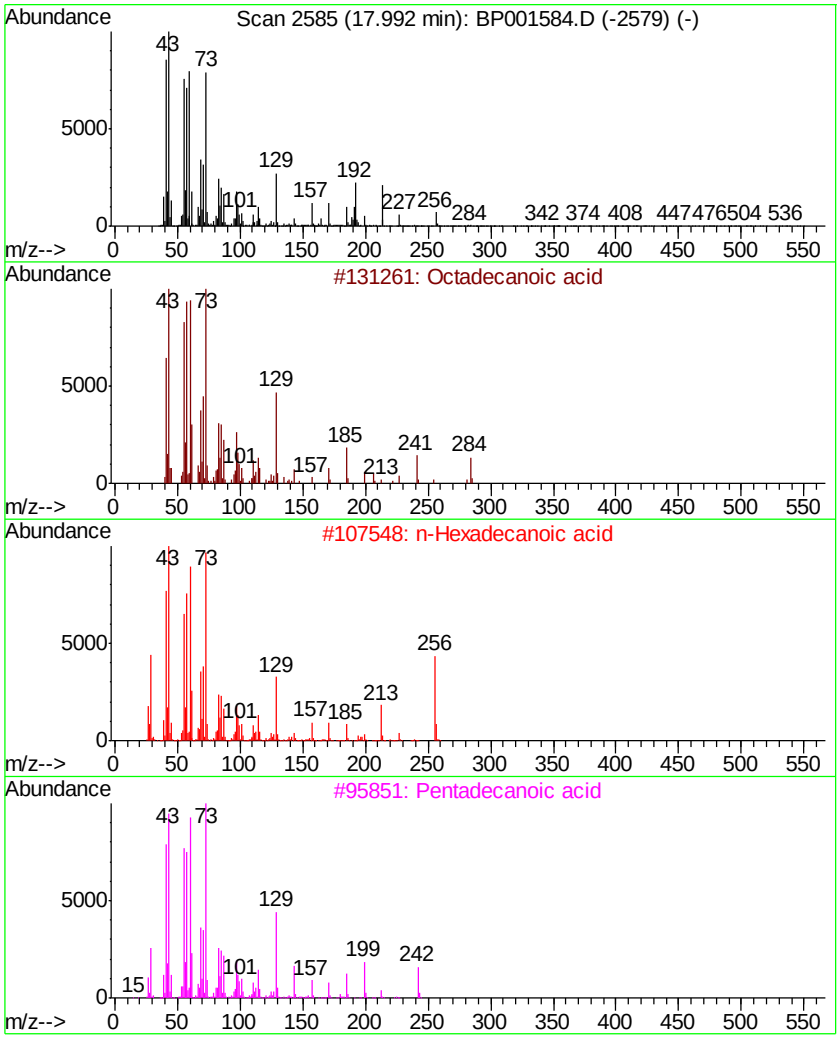
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

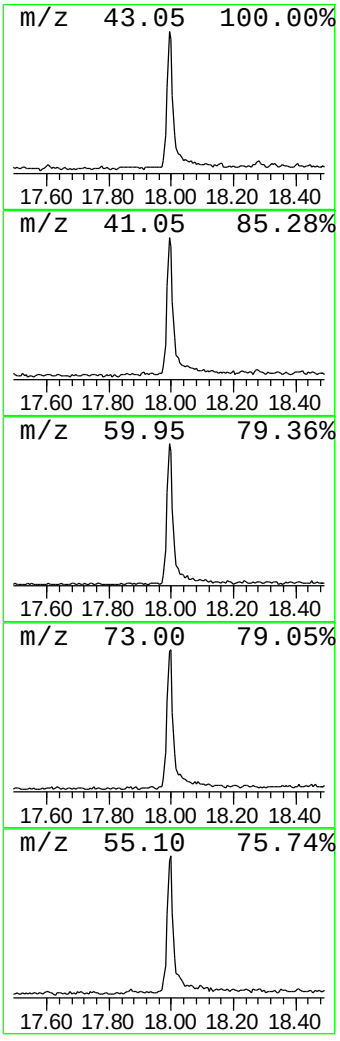
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	10.39 ng	328084	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	70
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

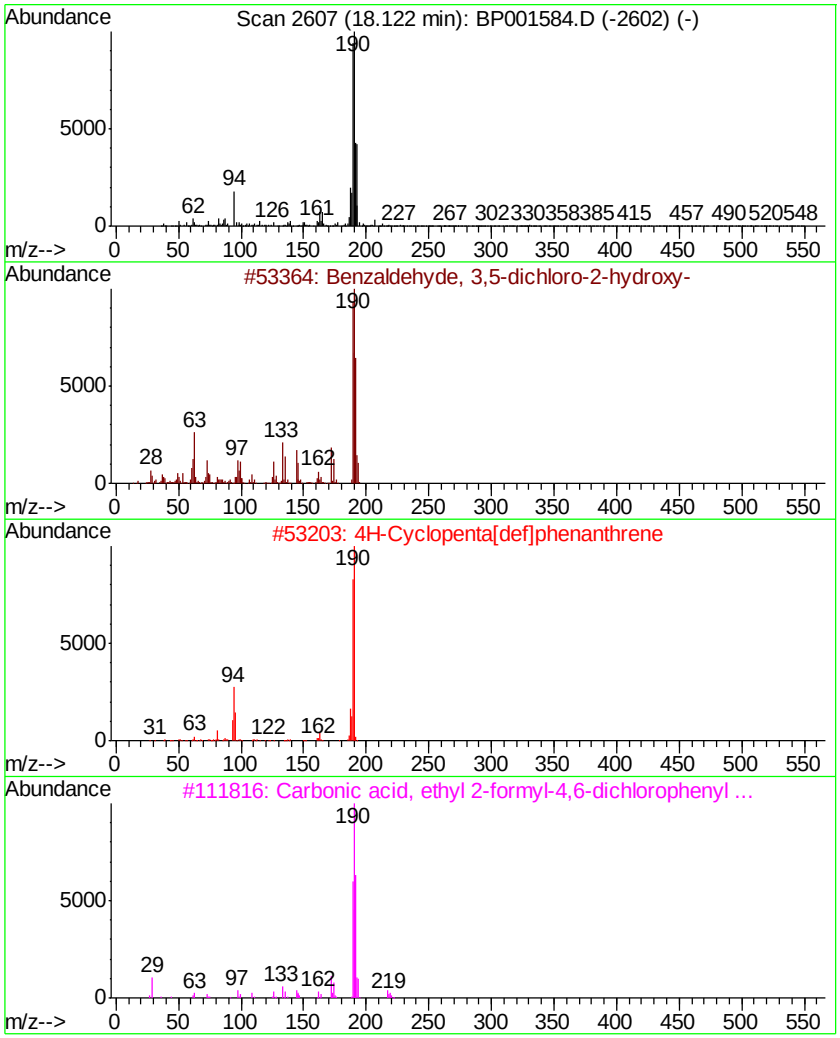
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

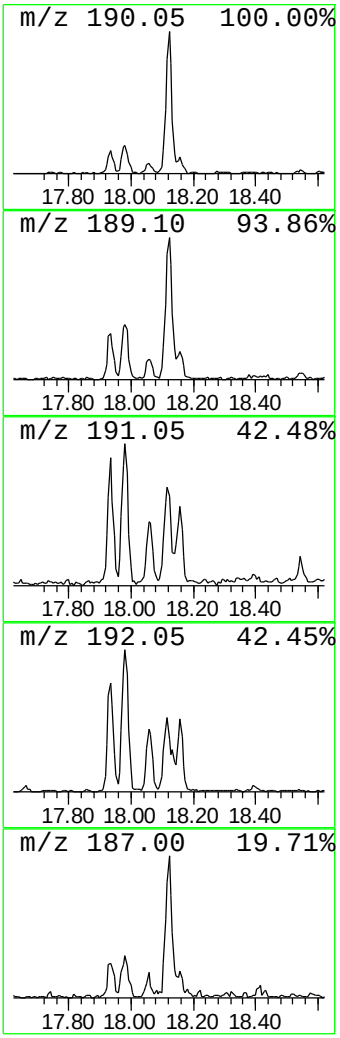
****

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.47 ng	78064	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	27
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

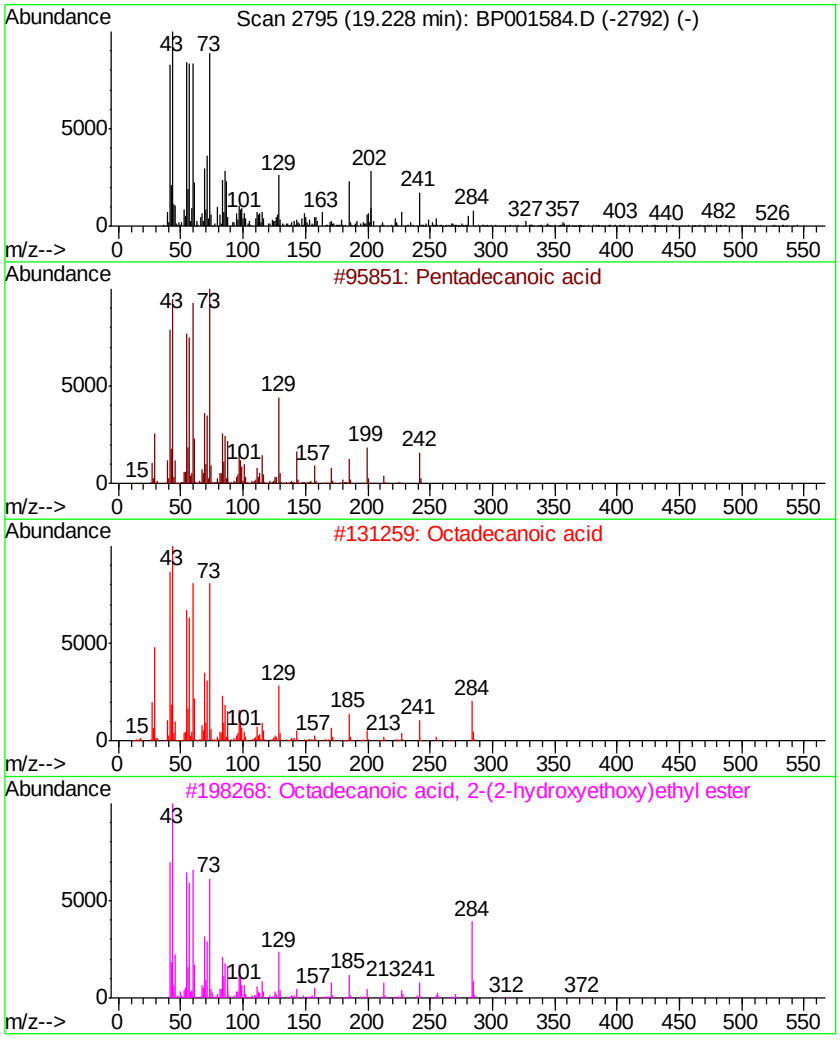
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

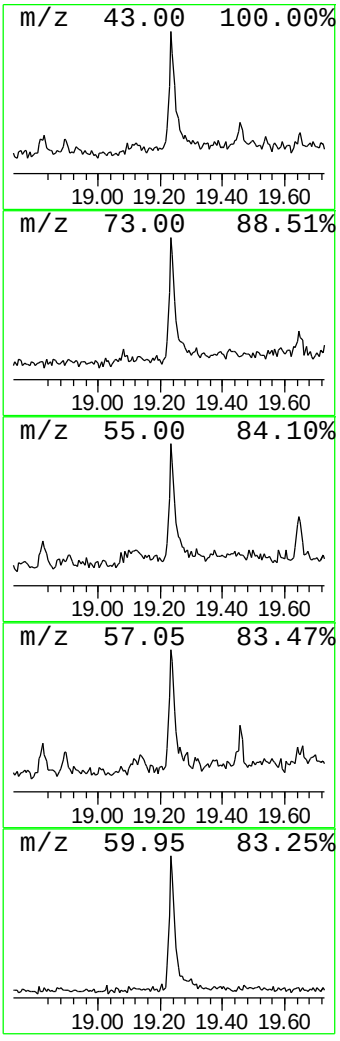
****

Peak Number 8 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.88 ng	110033	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

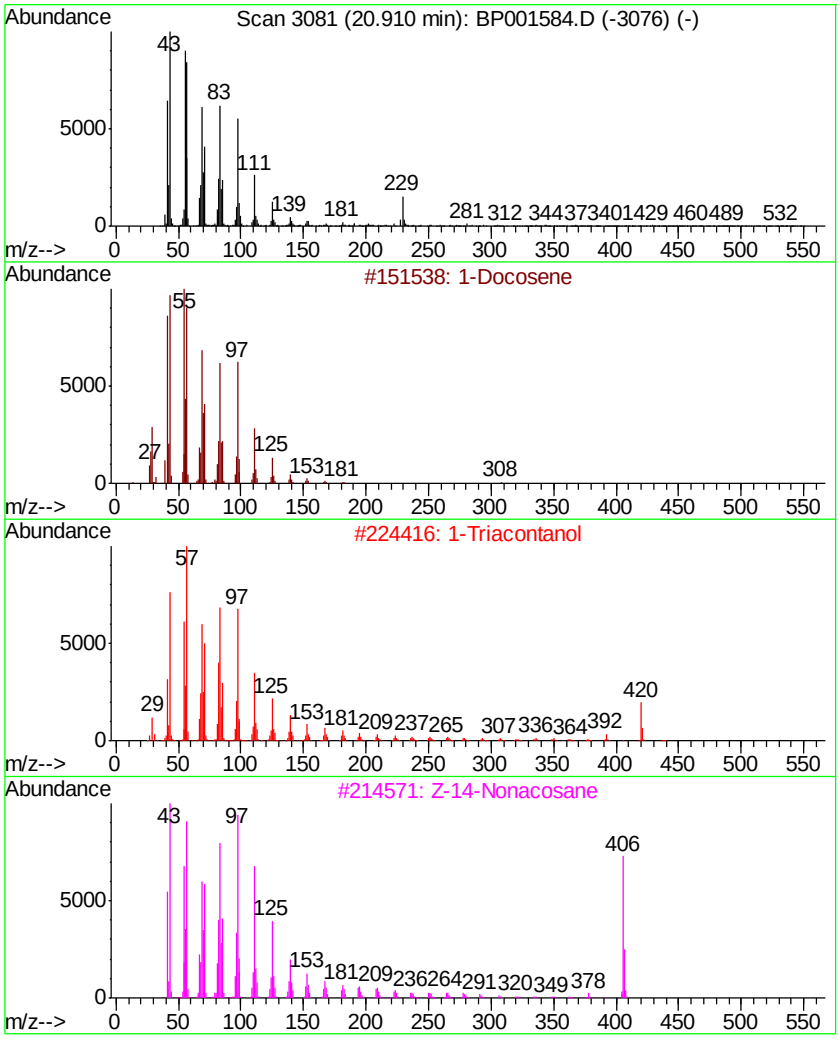
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

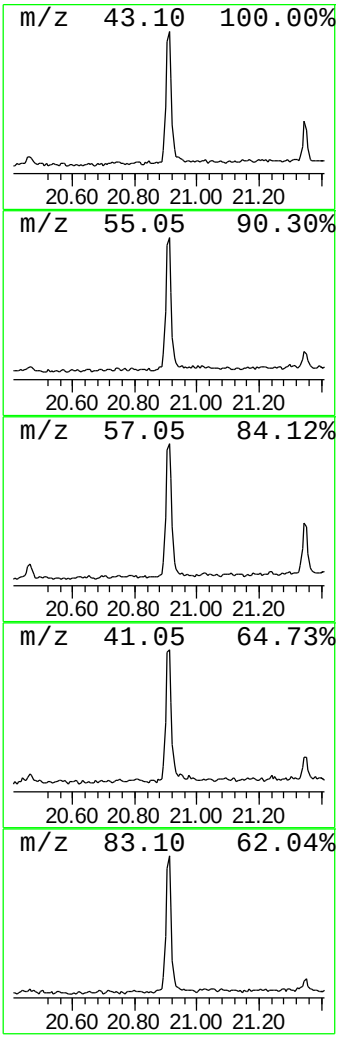
****

Peak Number 9 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	8.77 ng	334955	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Triacontanol	438	C30H62O	000593-50-0	93
3	Z-14-Nonacosane	406	C29H58	1000131-18-9	93
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

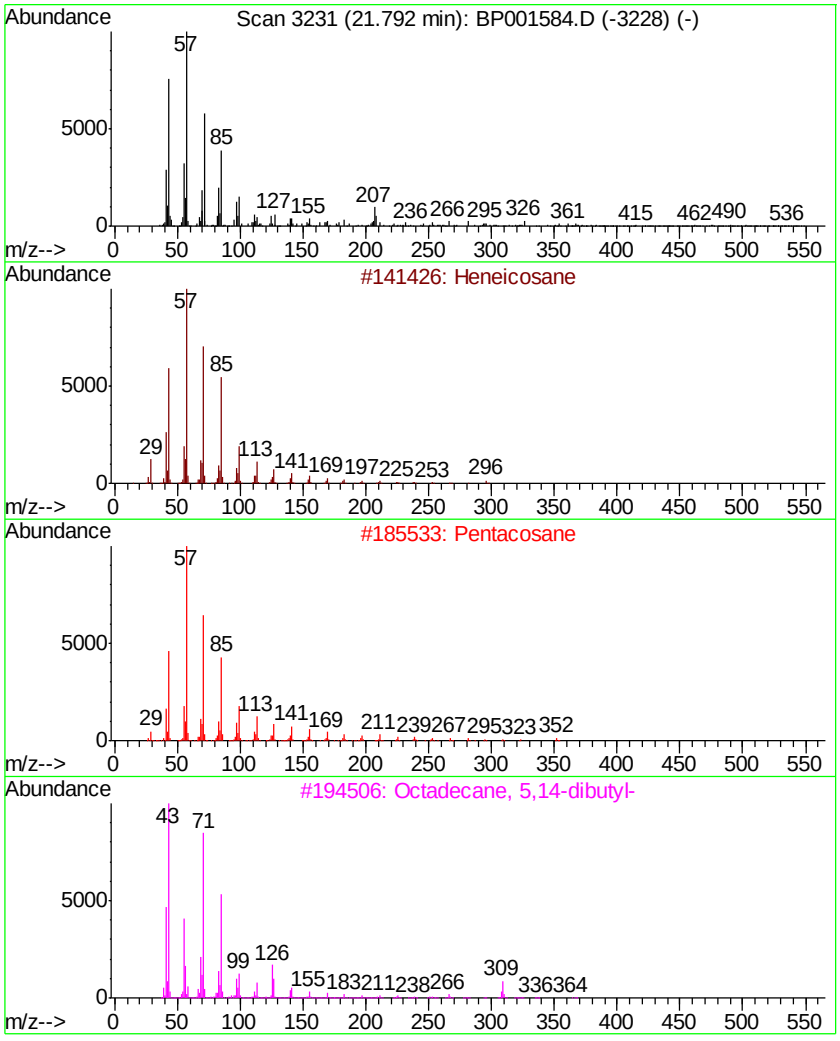
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

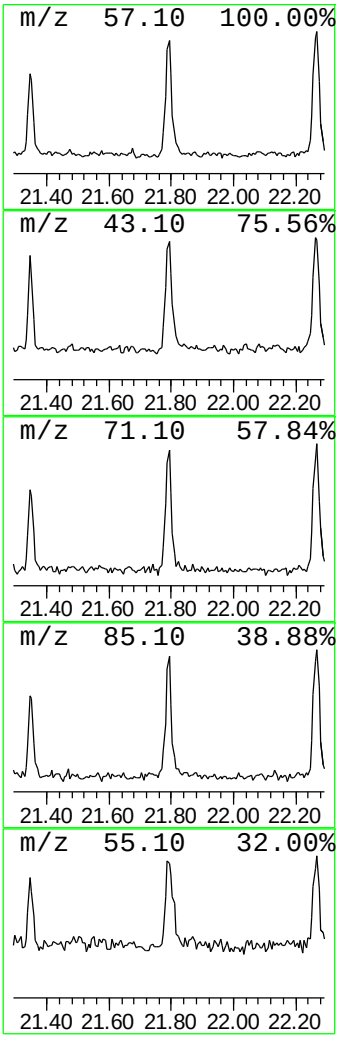
****

Peak Number 10 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.20 ng	84024	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Pentacosane	352	C25H52	000629-99-2	90
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	86
4	Tetratetracontane	619	C44H90	007098-22-8	81
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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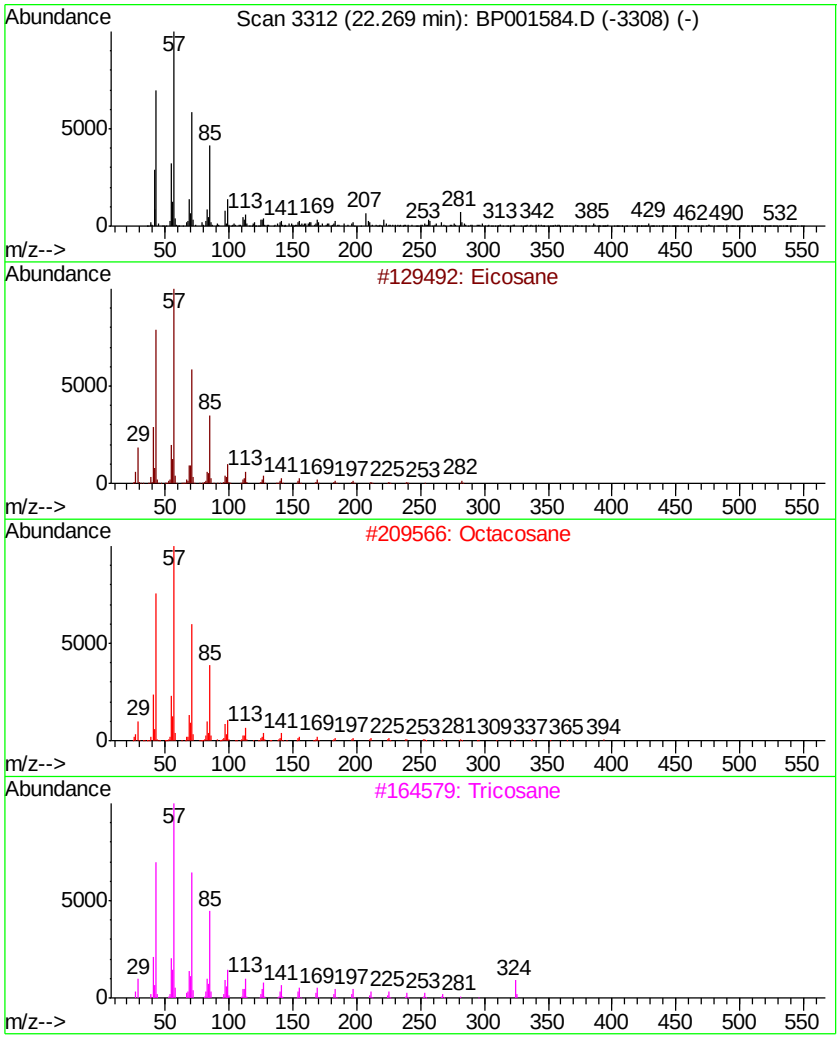
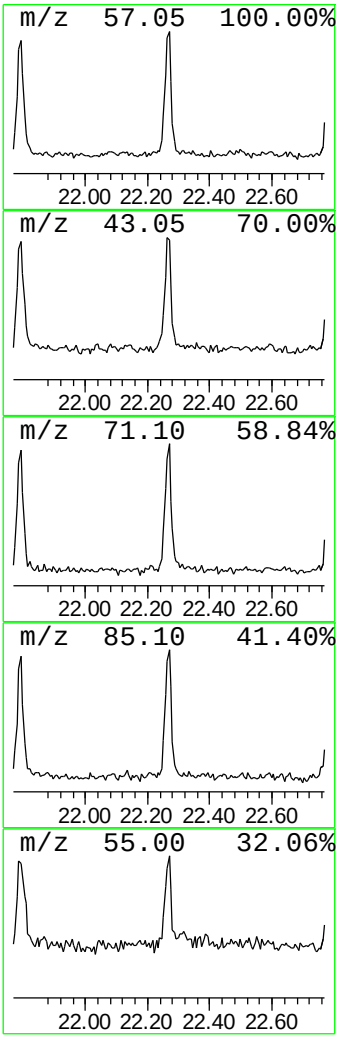
Peak Number 11 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.53 ng	96721	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Octacosane	394	C28H58	000630-02-4	87
3	Tricosane	324	C23H48	000638-67-5	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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...	2.97	14.3	ng	206582	1	7.65	288955	20.0
2-Pentanone, 4-hy...	4.83	21.7	ng	314089	1	7.65	288955	20.0
unknown7.20	7.20	109.2	ng	1578290	1	7.65	288955	20.0
.beta.-D-Glucopyr...	14.15	5.2	ng	131183	3	14.30	504057	20.0
Octadecanoic acid	17.99	10.4	ng	328084	4	17.06	631509	20.0
Benzaldehyde, 3,5...	18.12	2.5	ng	78064	4	17.06	631509	20.0
Pentadecanoic acid	19.23	2.9	ng	110033	5	21.16	763801	20.0
1-Docosene	20.91	8.8	ng	334955	5	21.16	763801	20.0
Heneicosane	21.79	2.2	ng	84024	5	21.16	763801	20.0
Eicosane	22.27	2.5	ng	96721	5	21.16	763801	20.0