LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
Sample : L1155-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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	2.864	9	13	19	rVV3	29767	52251	1.55%	0.239%
2	2.946	23	27	37	rVB	274908	331030	9.81%	1.516%
3	4.799	337	342	351	rVB	227605	318420	9.43%	1.459%
4	5.264	415	421	433	rBV	1007978	1439231	42.63%	6.593%
5	6.834	680	688	703	rBV	1066871	1833517	54.31%	8.399%
6	7.175	739	746	761	rBV	1032185	1660903	49.20%	7.608%
7	7.628	817	823	832	rBV	235384	374009	11.08%	1.713%
8	7.952	870	878	889	rVB	761569	1218823	36.10%	5.583%
9	8.781	1008	1019	1034	rBV	668438	1133195	33.57%	5.191%
10	10.404	1288	1295	1306	rBV	279475	483110	14.31%	2.213%
11	12.898	1711	1719	1738	rBV	1539671	2283182	67.63%	10.459%
12	13.745	1856	1863	1874	rBV	87482	139889	4.14%	0.641%
13	14.281	1947	1954	1963	rBV2	453665	688926	20.41%	3.156%
14	15.787	2202	2210	2232	rBV	1204609	1867402	55.31%	8.554%
15	17.039	2417	2423	2428	rBV	573059	830953	24.61%	3.806%
16	17.081	2428	2430	2436	rVB	31299	40377	1.20%	0.185%
17	19.063	2763	2767	2775	rBV	48556	67327	1.99%	0.308%
18	19.416	2819	2827	2833	rBV	49308	81530	2.41%	0.373%
19	19.627	2857	2863	2877	rBV	2641678	3376101	100.00%	15.465%
20	20.886	3072	3077	3083	rBV2	324246	448203	13.28%	2.053%
21	20.939	3083	3086	3095	rVB	34413	58301	1.73%	0.267%
22	21.145	3115	3121	3126	rBV	627505	786981	23.31%	3.605%
23	21.322	3147	3151	3155	rBV	97183	99890	2.96%	0.458%
24	21.757	3221	3225	3236	rVB	182155	239219	7.09%	1.096%
25	22.227	3300	3305	3311	rVB	239906	322020	9.54%	1.475%
26	22.739	3387	3392	3398	rVB	260859	385204	11.41%	1.765%
27	23.316	3484	3490	3494	rBV	201974	319111	9.45%	1.462%
28	23.374	3494	3500	3509	rVB	297413	562288	16.65%	2.576%
29	23.968	3595	3601	3608	rVB	140686	260709	7.72%	1.194%
30	24.727	3724	3730	3736	rBV2	62331	128375	3.80%	0.588%

Sum of corrected areas: 21830477

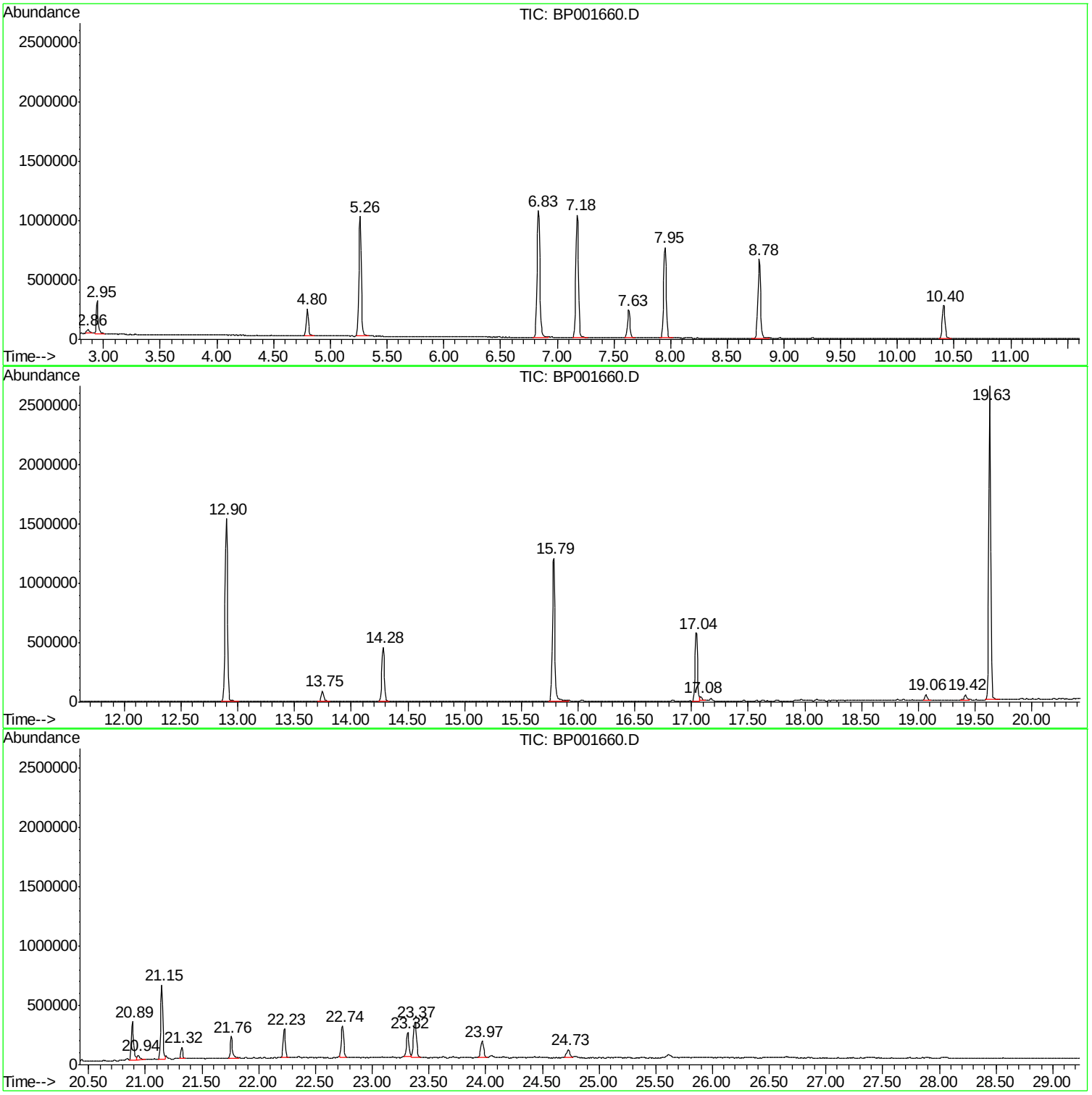
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
Sample : L1155-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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

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Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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

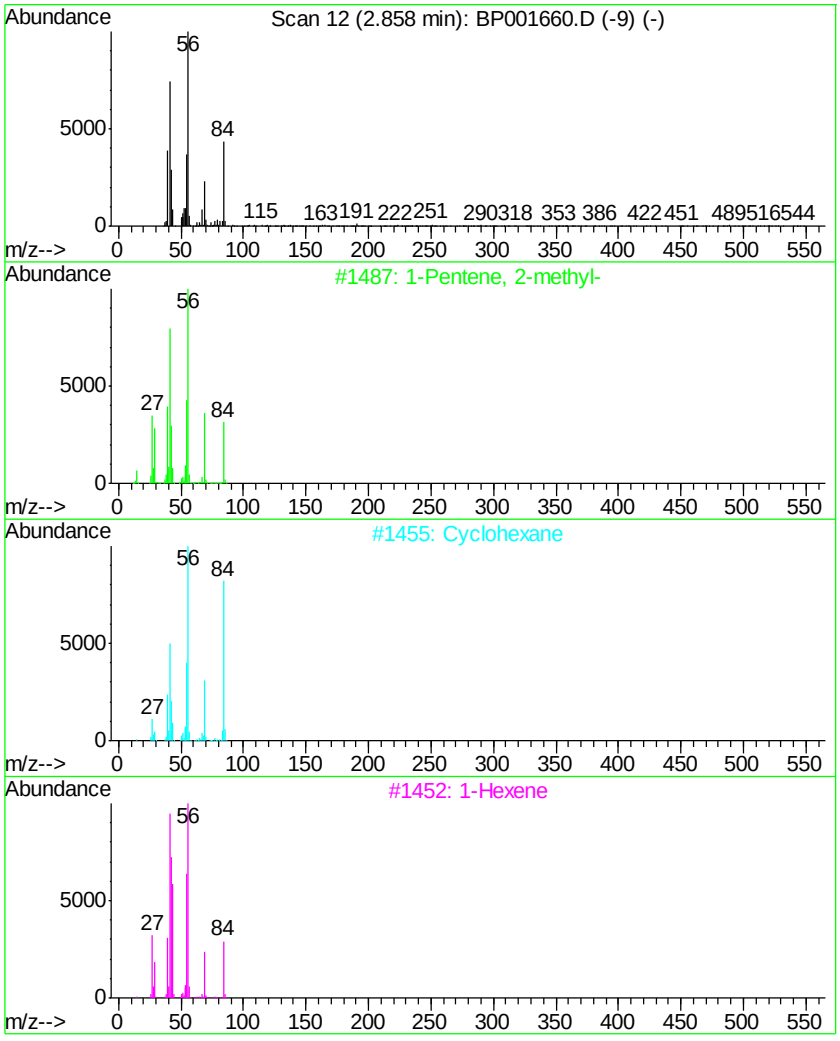
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

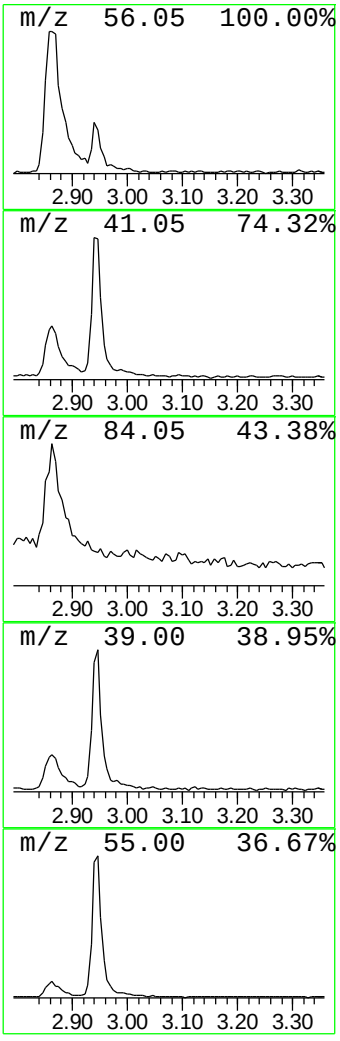
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	2.79 ng	52251	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2	Cyclohexane	84	C6H12	000110-82-7	76
3	1-Hexene	84	C6H12	000592-41-6	59
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	59
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	50





Library Search Compound Report

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Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
Sample : L1155-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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

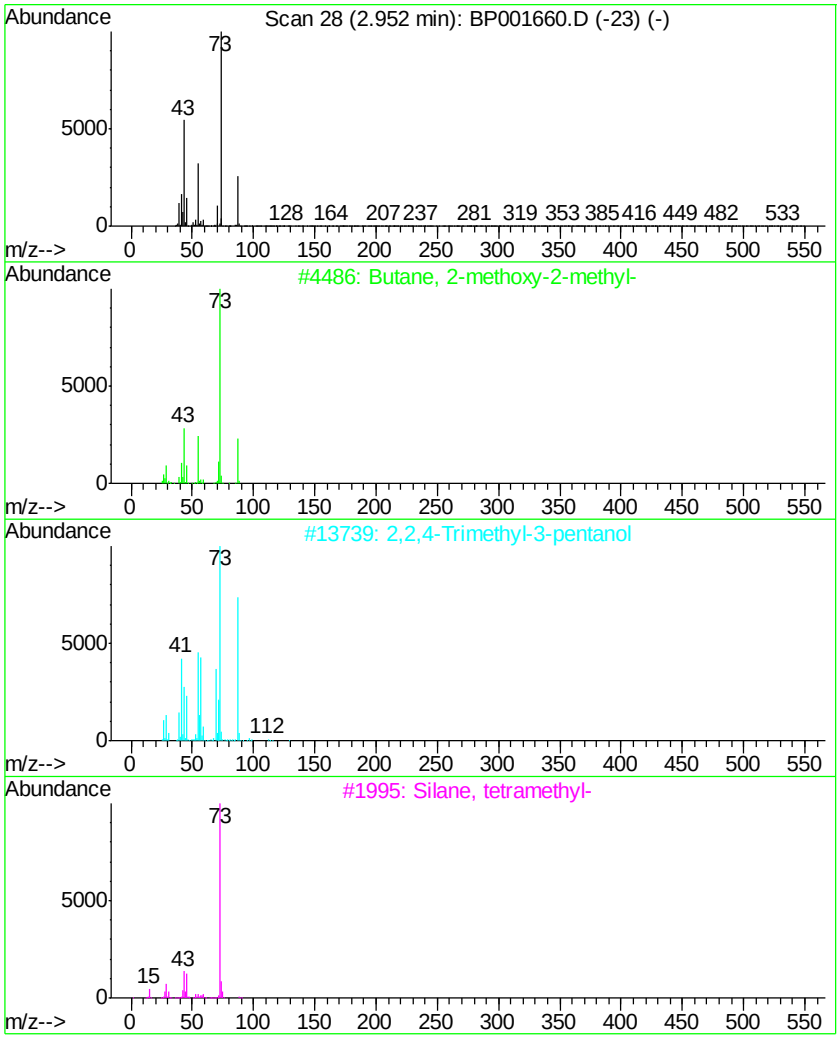
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

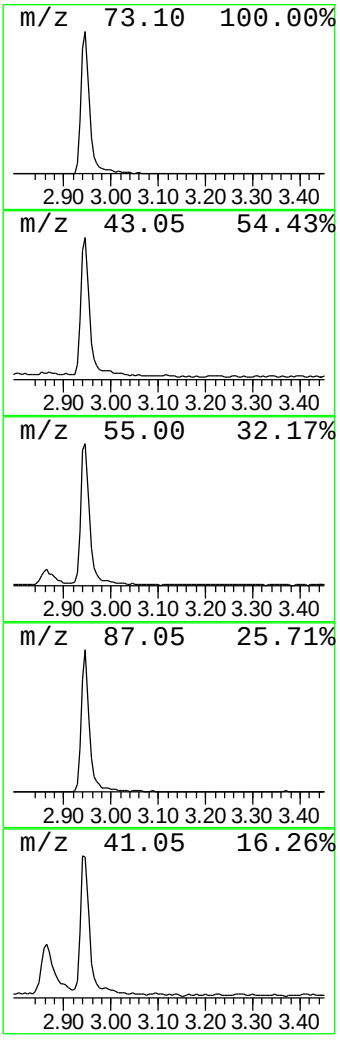
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	17.70 ng	331030	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
Sample : L1155-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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

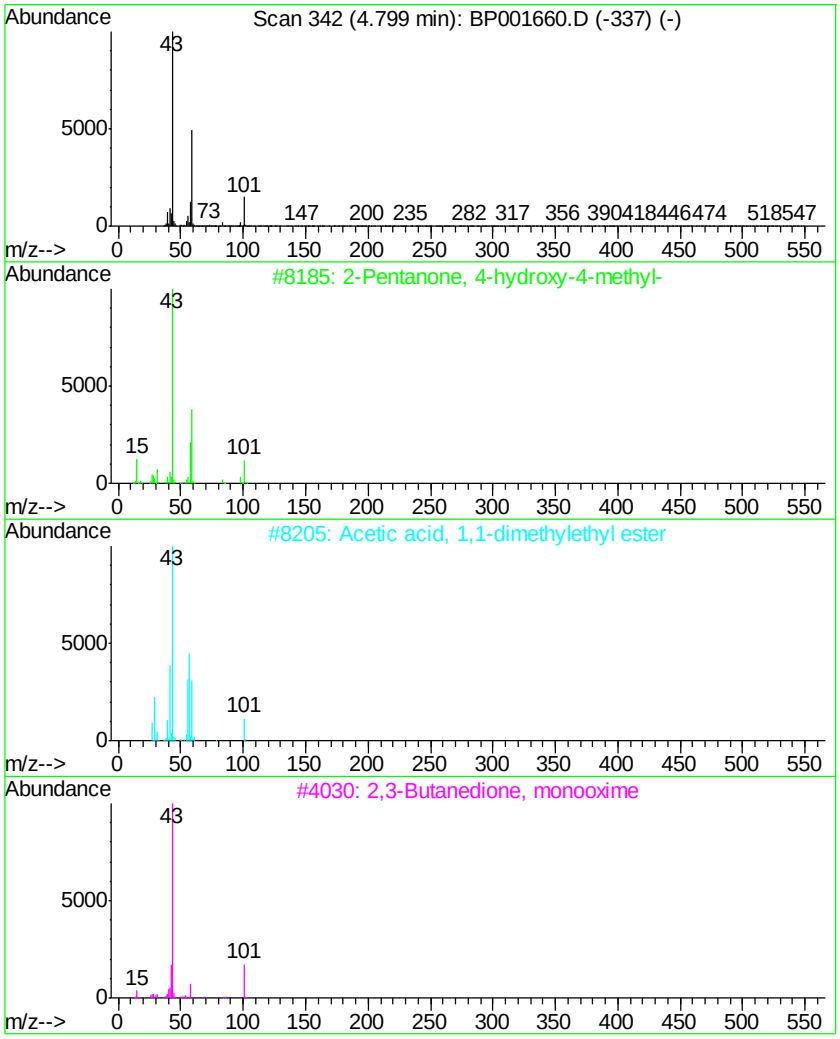
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

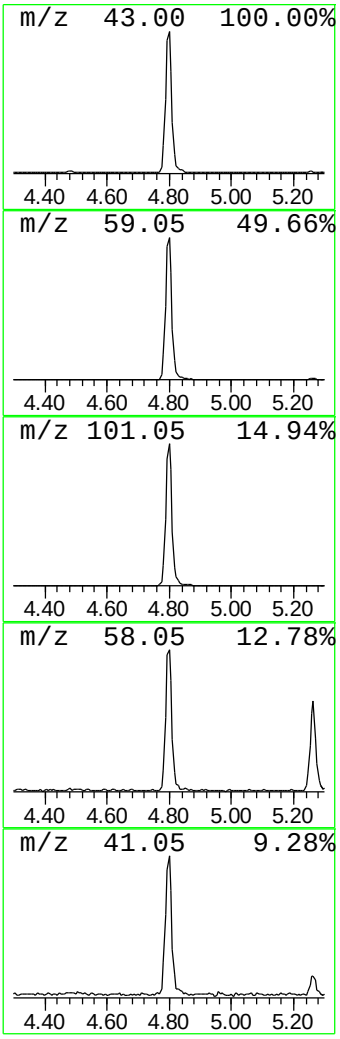
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	17.03 ng	318420	1,4-Dichlorobenzene-d4	7.63

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
Sample : L1155-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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

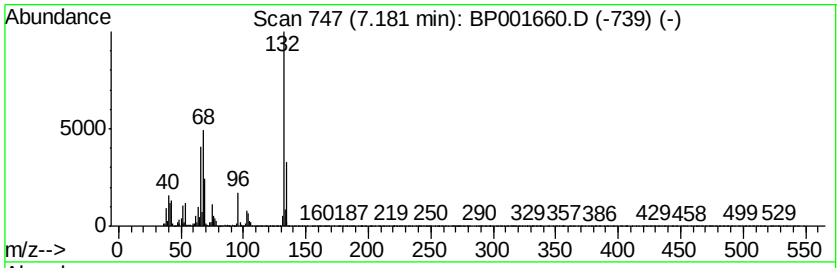
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

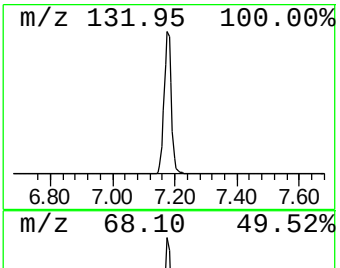
****

Peak Number 4 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	88.82 ng	1660900	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
Sample : L1155-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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
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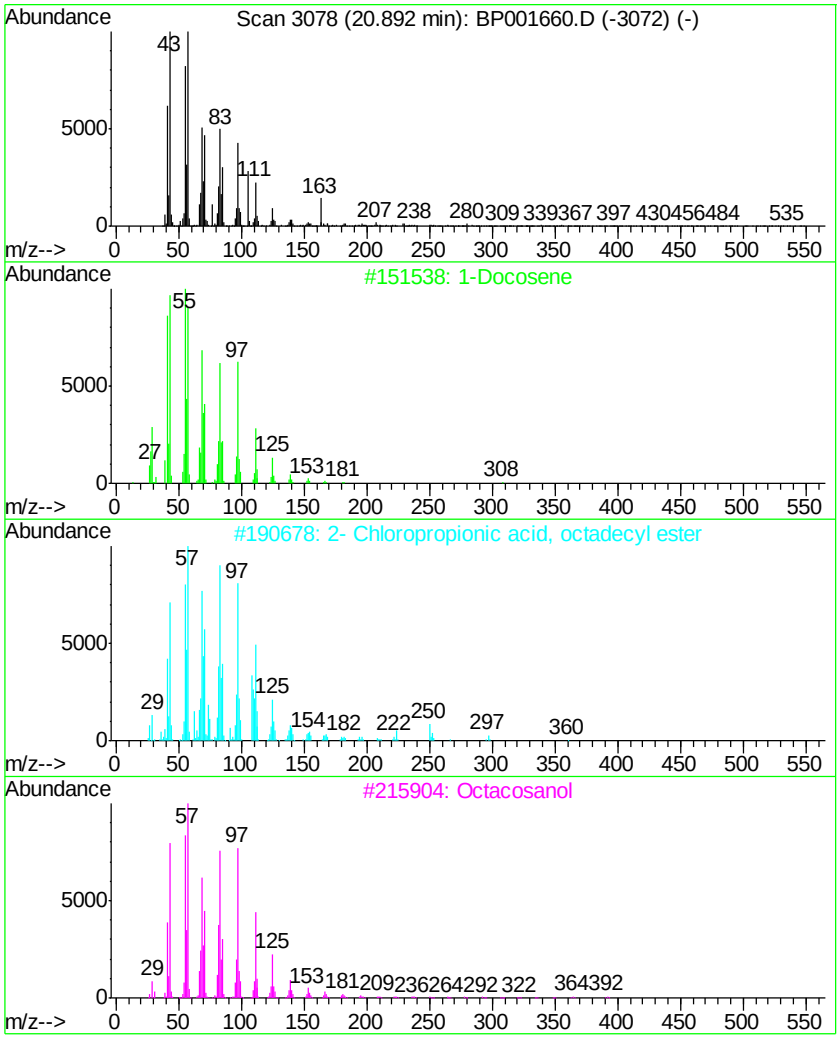
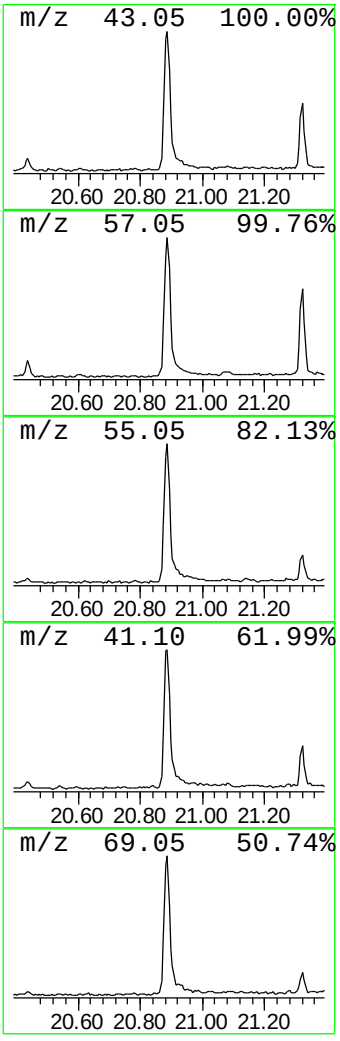
****

Peak Number 7 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	11.39 ng	448203	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
Sample : L1155-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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

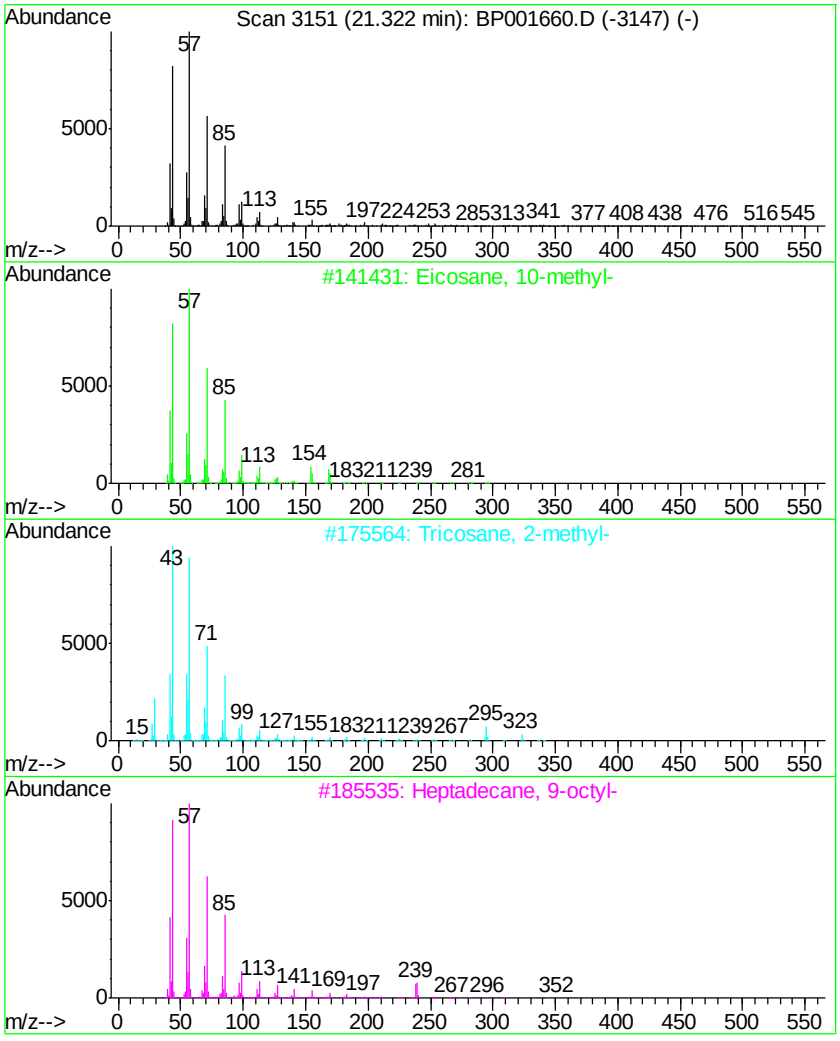
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

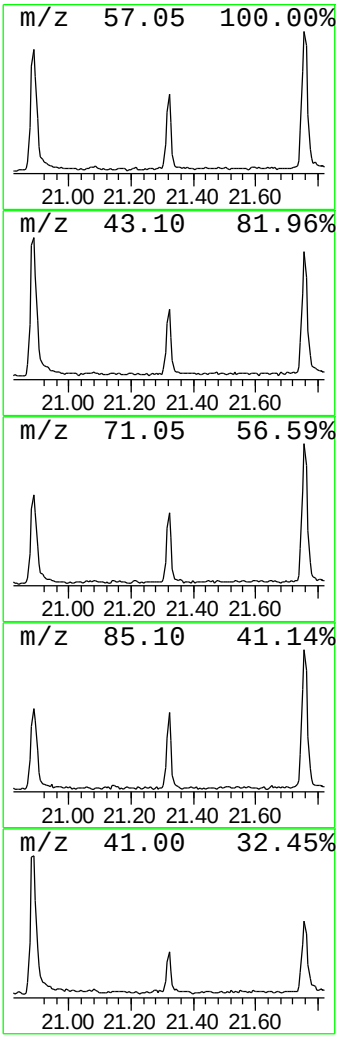
****

Peak Number 8 Eicosane, 10-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.54 ng	99890	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
Sample : L1155-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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

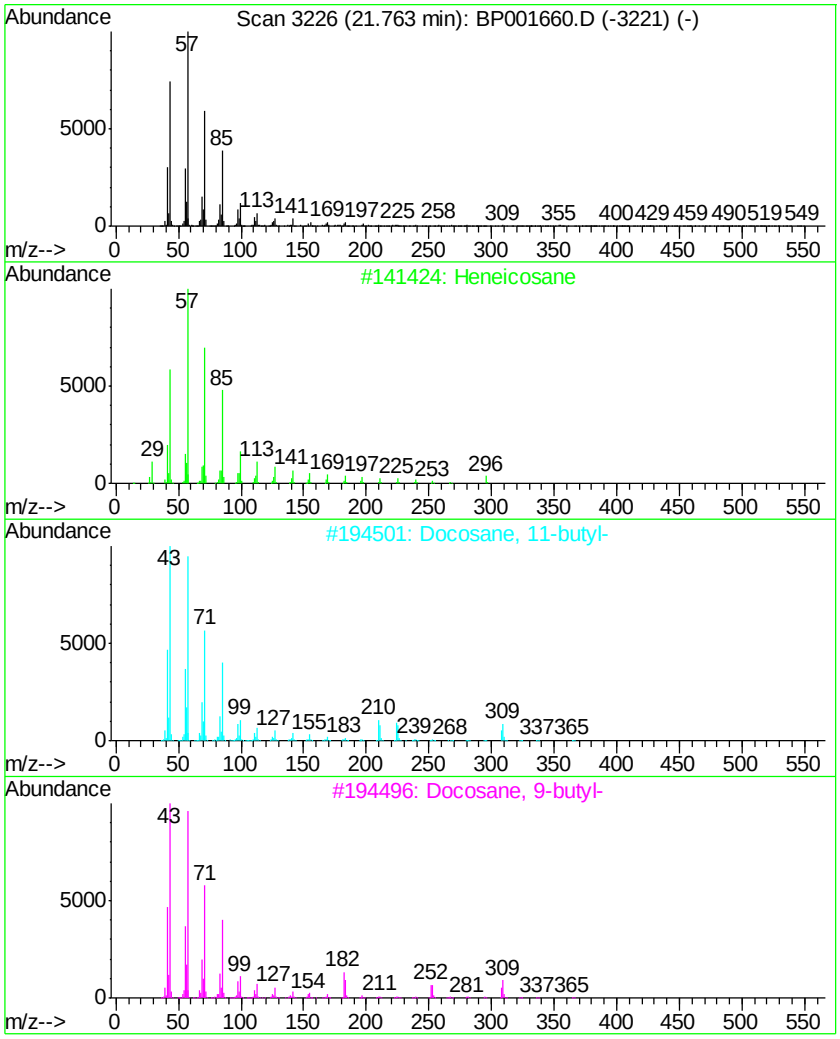
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

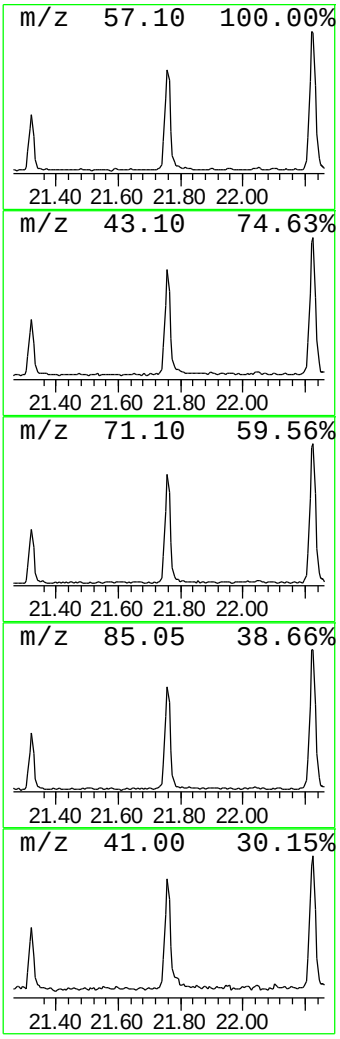
****

Peak Number 9 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	6.08 ng	239219	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

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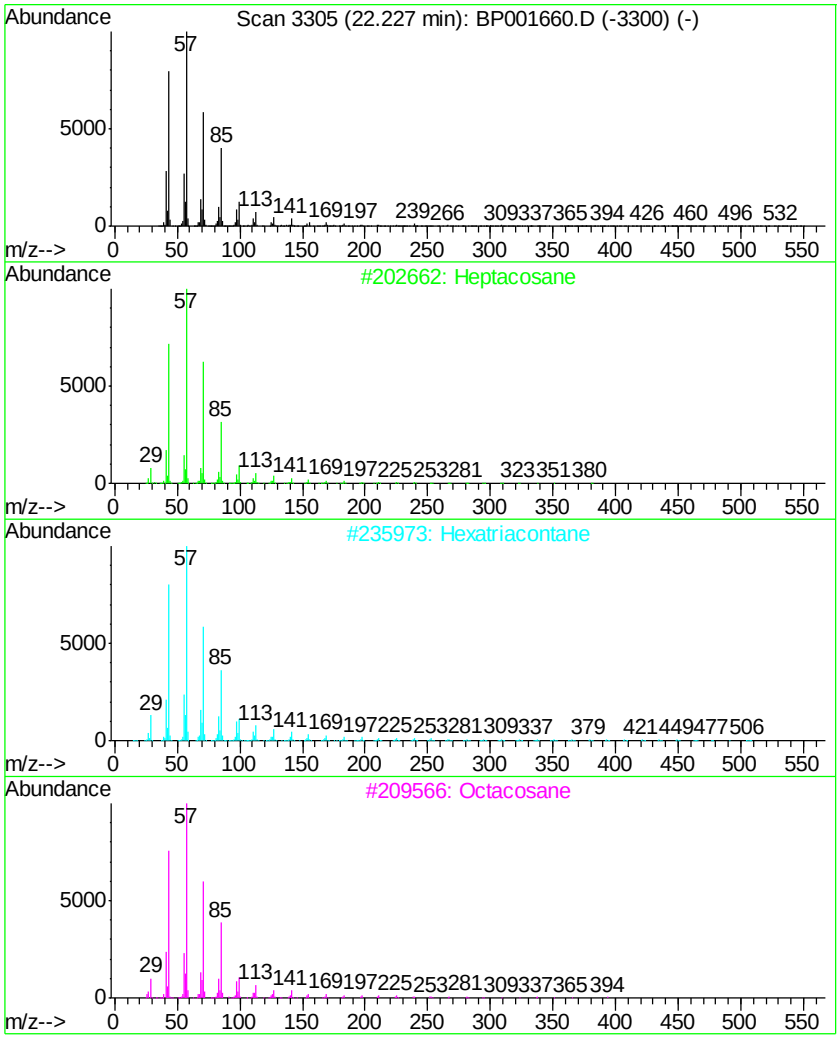
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

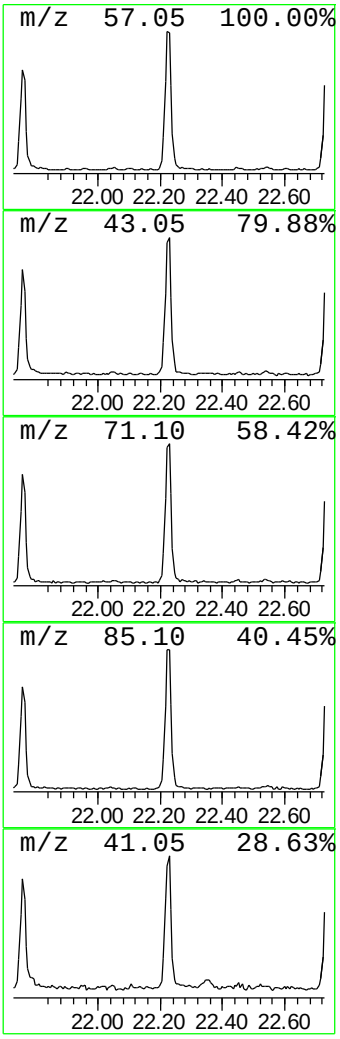
****

Peak Number 10 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	8.18 ng	322020	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	91





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Sample : L1155-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

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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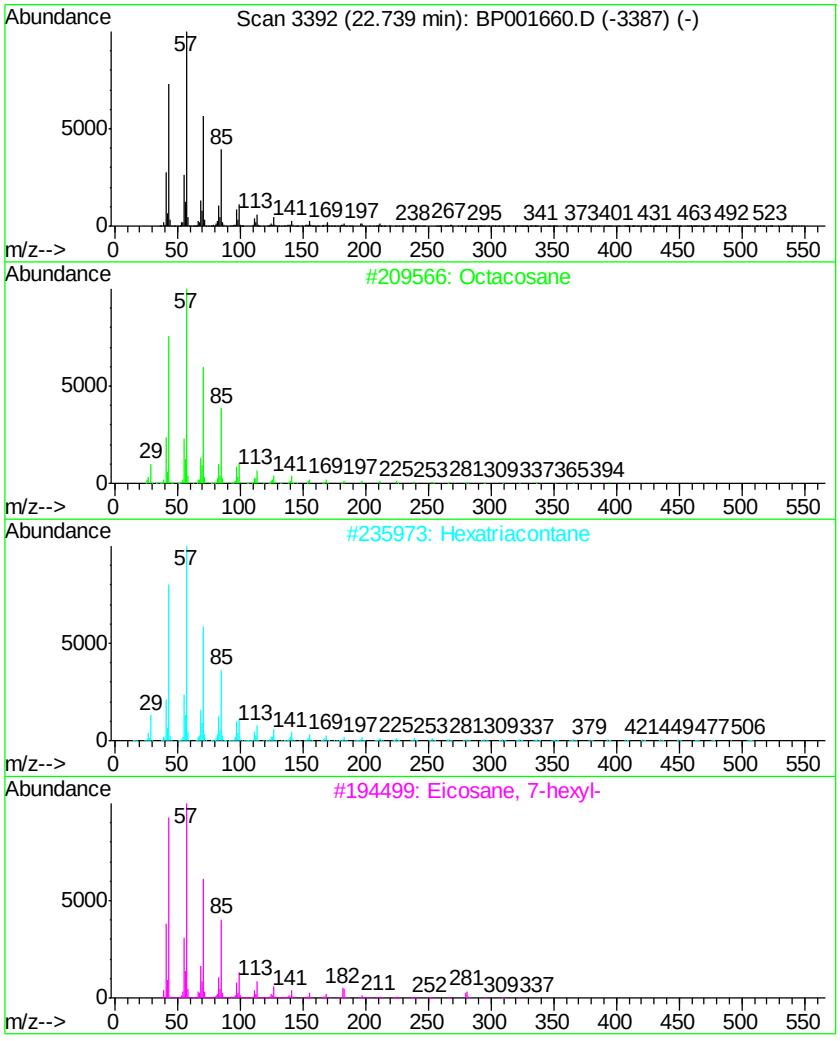
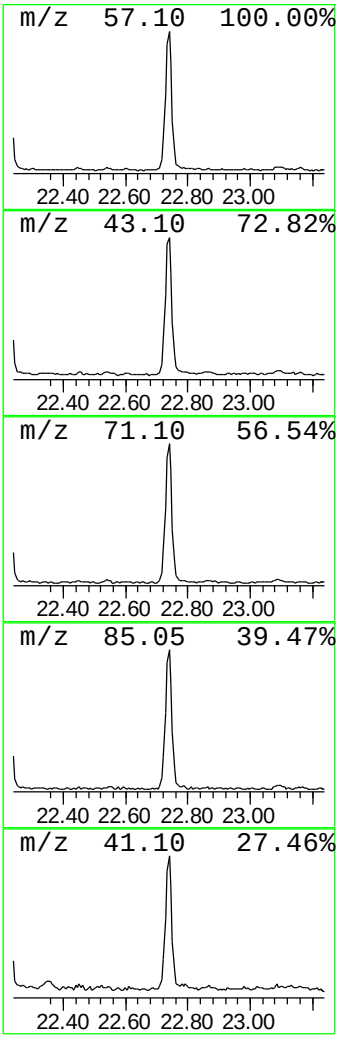
Peak Number 11 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	13.70 ng	385204	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Hexatriacontane	507	C36H74	000630-06-8	94
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
Data File : BP001660.D
Acq On : 17 Jan 2020 16:46
Operator : JU
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	2.86	2.8	ng	52251	1	7.63	374009	20.0
Butane, 2-methoxy...	2.95	17.7	ng	331030	1	7.63	374009	20.0
2-Pentanone, 4-hy...	4.80	17.0	ng	318420	1	7.63	374009	20.0
unknown7.18	7.18	88.8	ng	1660900	1	7.63	374009	20.0
1-Docosene	20.89	11.4	ng	448203	5	21.15	786981	20.0
Eicosane, 10-methyl-	21.32	2.5	ng	99890	5	21.15	786981	20.0
Heneicosane	21.76	6.1	ng	239219	5	21.15	786981	20.0
Heptacosane	22.23	8.2	ng	322020	5	21.15	786981	20.0
Octacosane	22.74	13.7	ng	385204	6	23.38	562288	20.0