LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

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-BP121919.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	5.605	593	598	612	rBV	120889	205542	11.66%	1.743%
2	6.211	694	701	720	rBV	829074	1058355	60.03%	8.975%
3	7.752	956	963	966	rBV	851587	1082395	61.40%	9.179%
4	7.928	987	993	1004	rVB	978662	1165097	66.09%	9.880%
5	8.281	1048	1053	1063	rVB	198685	233639	13.25%	1.981%
6	8.528	1088	1095	1104	rBV	761390	923285	52.37%	7.829%
7	9.169	1196	1204	1216	rBV	552286	724850	41.12%	6.147%
8	10.316	1393	1399	1408	rBV	217407	279930	15.88%	2.374%
9	12.099	1695	1702	1715	rBV	1132865	1390658	78.88%	11.793%
10	13.181	1878	1886	1901	rBV	251217	339757	19.27%	2.881%
11	14.475	2100	2106	2132	rBV	700351	997529	56.58%	8.459%
12	15.581	2288	2294	2306	rBV	298110	380585	21.59%	3.227%
13	17.869	2676	2683	2686	rBV	1655053	1762954	100.00%	14.950%
14	19.222	2908	2913	2926	rBV	303029	341914	19.39%	2.899%
15	19.904	3024	3029	3034	rBV	42821	50477	2.86%	0.428%
16	20.275	3087	3092	3100	rBV	84250	102441	5.81%	0.869%
17	20.669	3154	3159	3169	rBV	109132	140990	8.00%	1.196%
18	20.992	3208	3214	3225	rVB	210807	300171	17.03%	2.545%
19	21.098	3227	3232	3242	rVV	95126	147822	8.38%	1.254%
20	21.592	3309	3316	3326	rBV2	59363	111688	6.34%	0.947%
21	22.157	3406	3412	3424	rVB2	25529	52616	2.98%	0.446%

Sum of corrected areas: 11792695

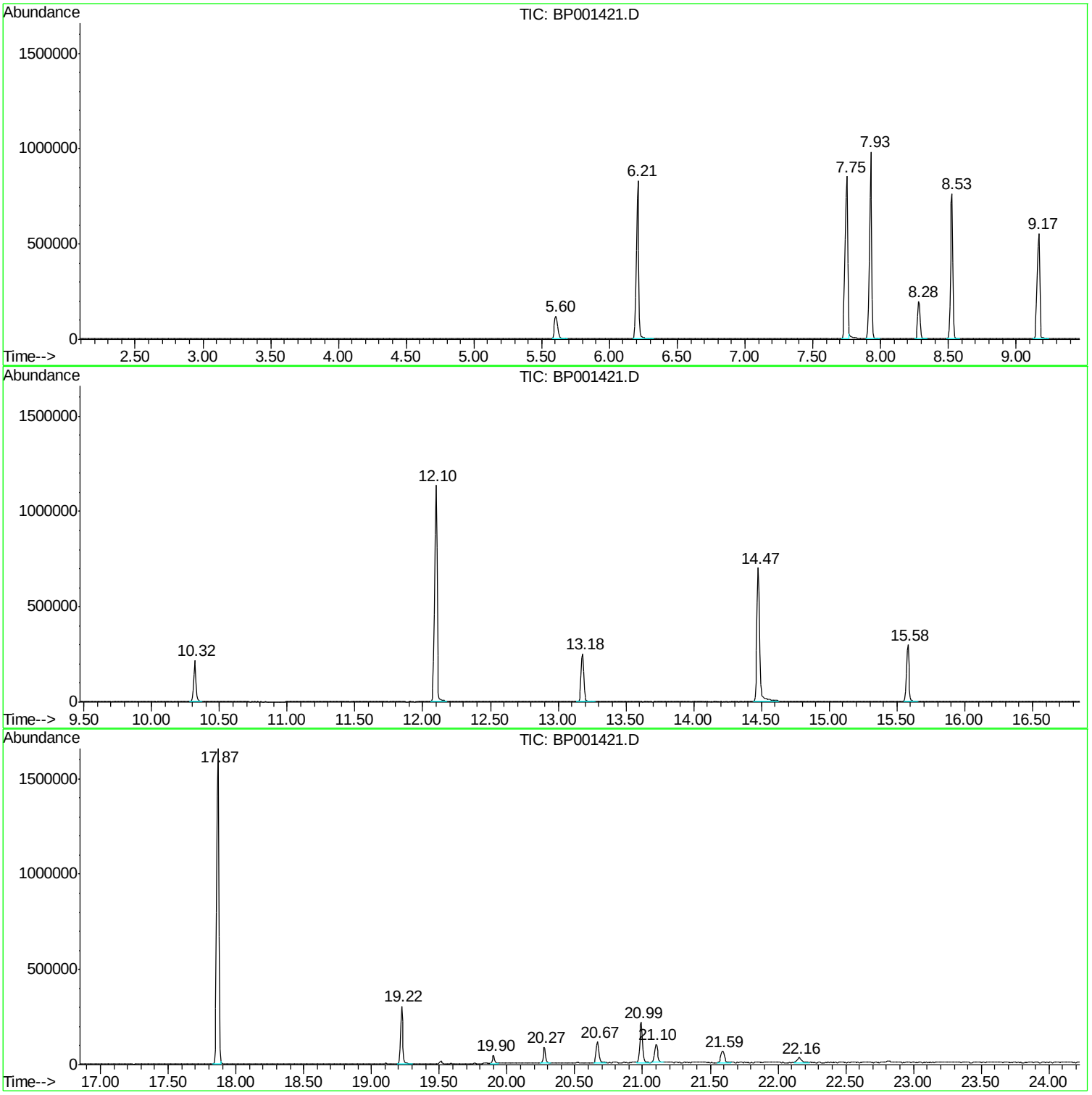
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

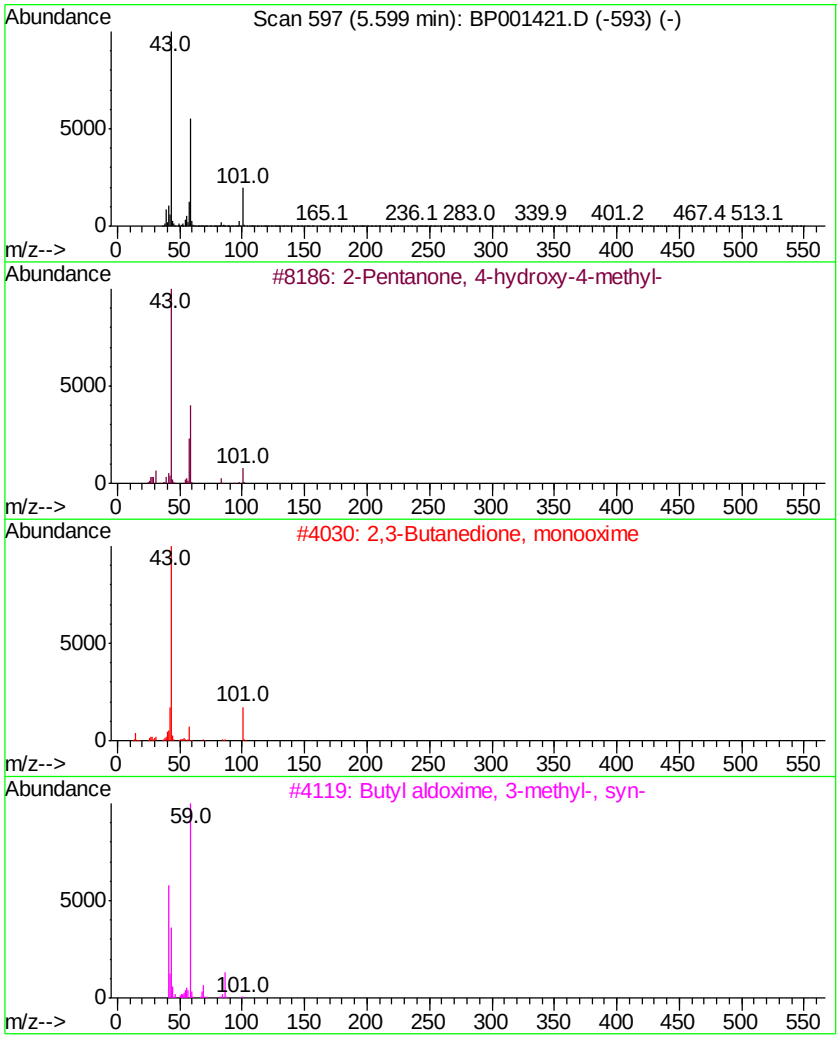
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

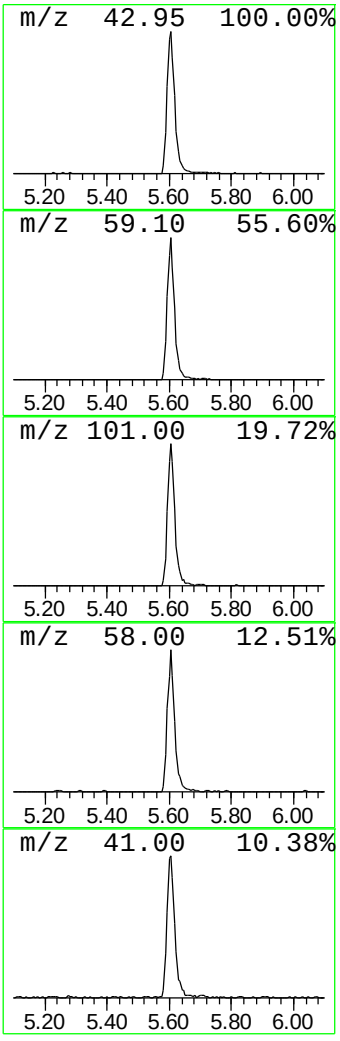
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	17.59 ng	205542	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	Butane	58	C4H10	000106-97-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

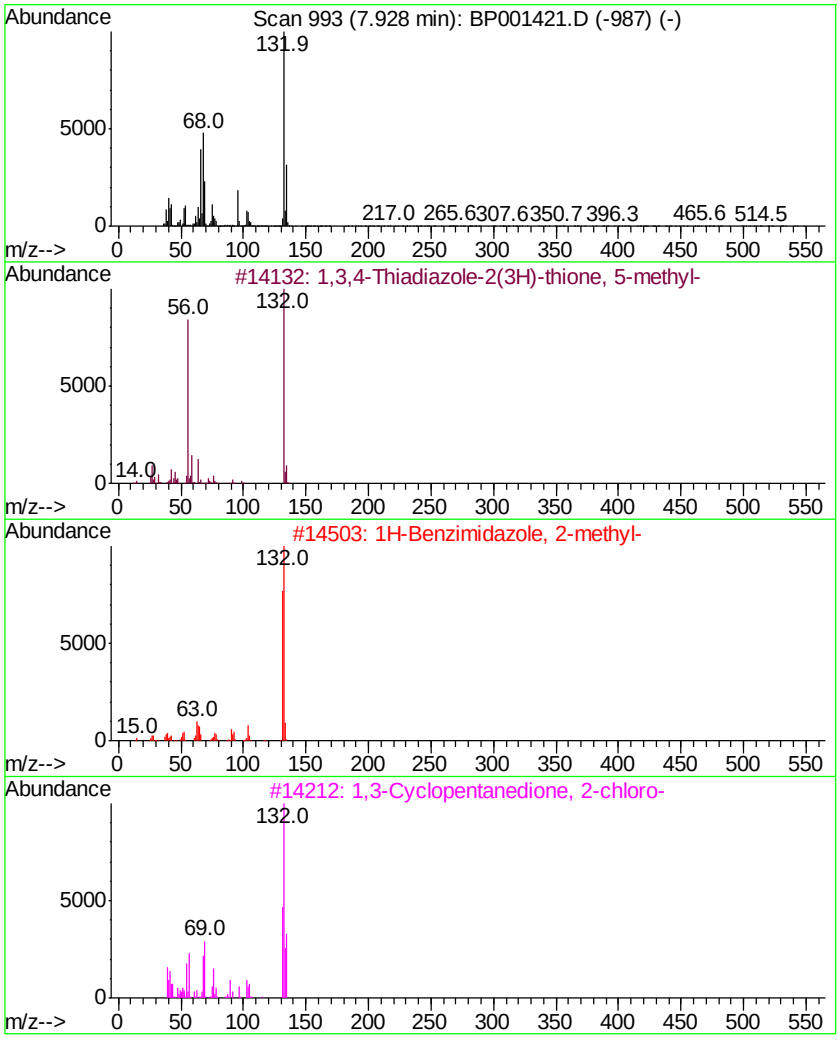
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

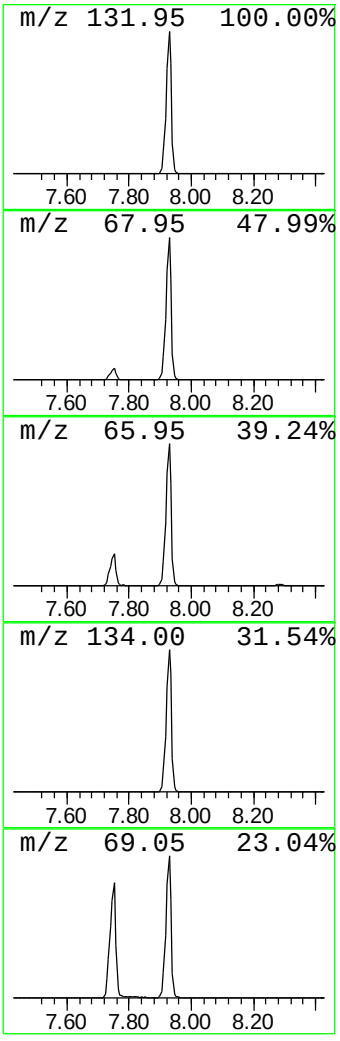
****

Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	99.73 ng	1165100	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

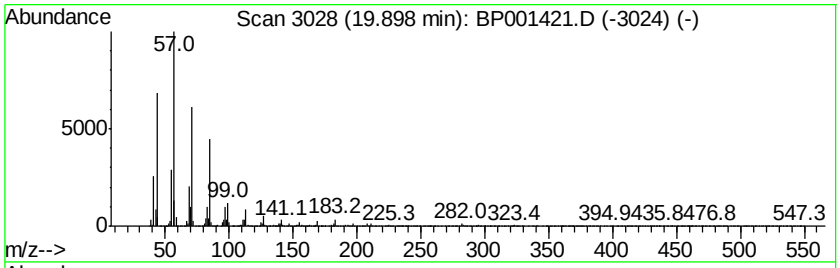
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

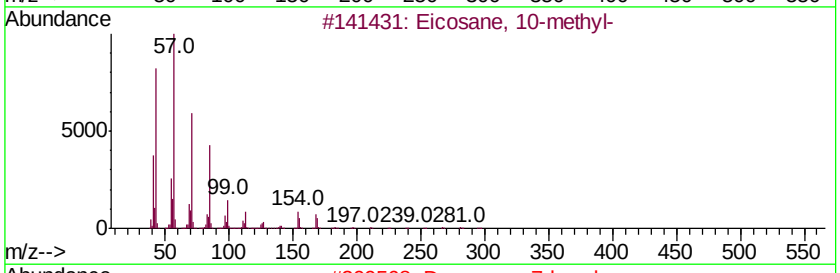
****

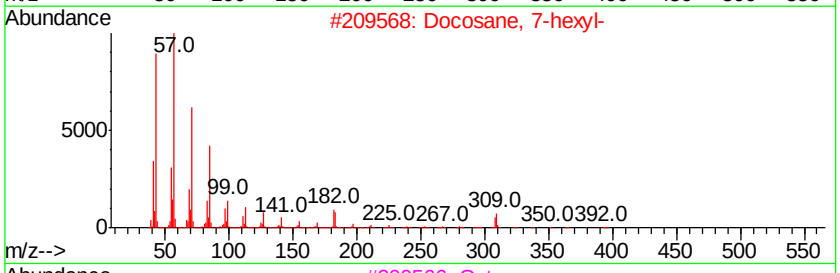
Peak Number 4 Eicosane, 10-methyl- Concentration Rank 9

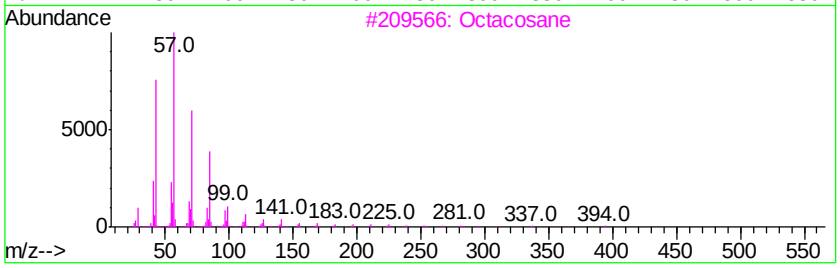
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.95 ng	50477	Chrysene-d12	19.22

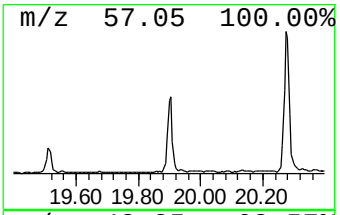
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Tetracosane	338	C24H50	000646-31-1	87

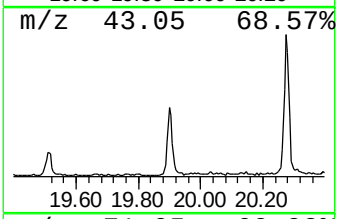


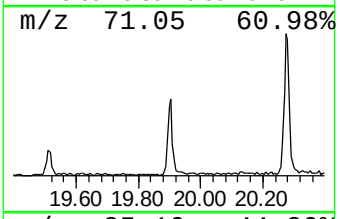


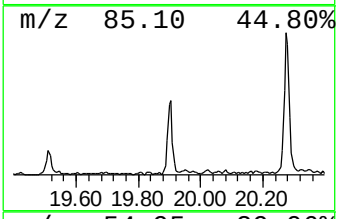


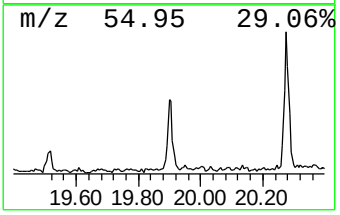












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

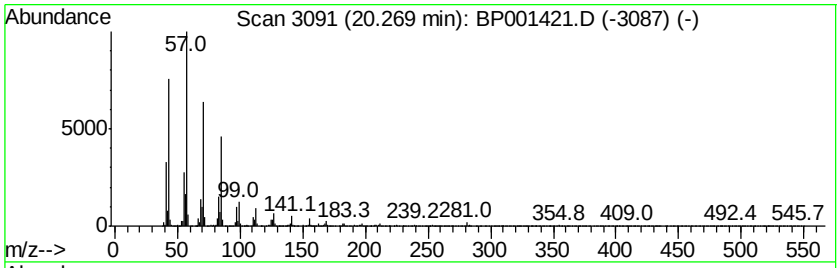
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

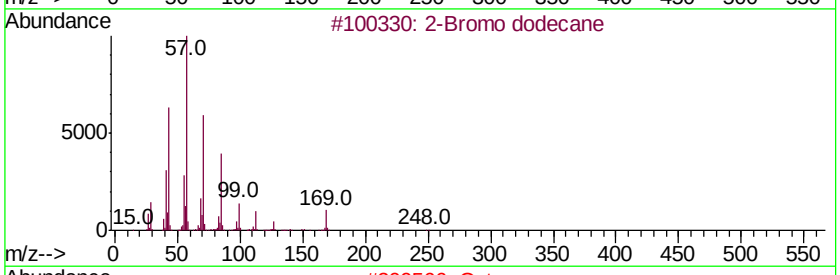
****

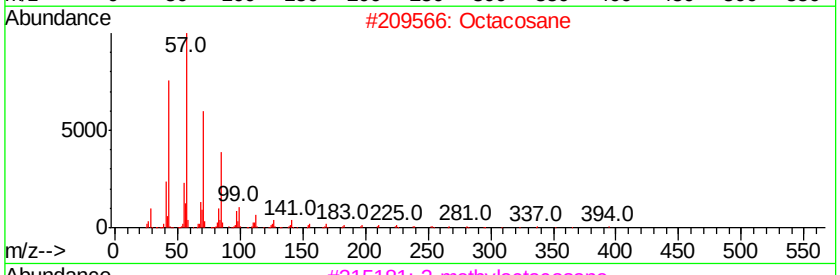
Peak Number 5 2-Bromo dodecane Concentration Rank 7

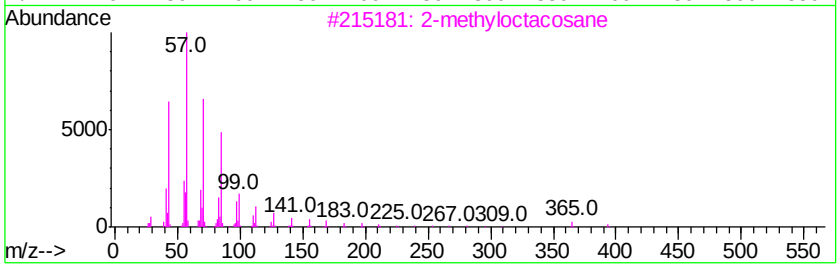
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	6.83 ng	102441	Perylene-d12	20.99

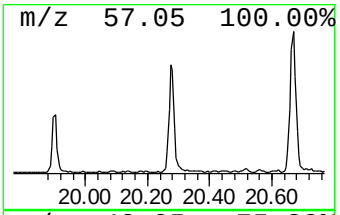
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91

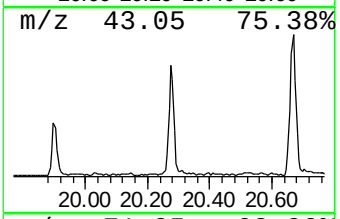


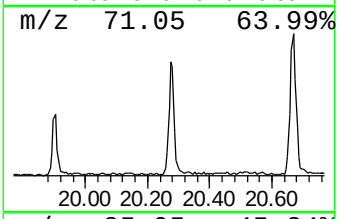


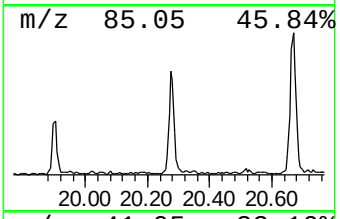


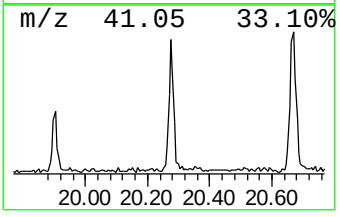












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

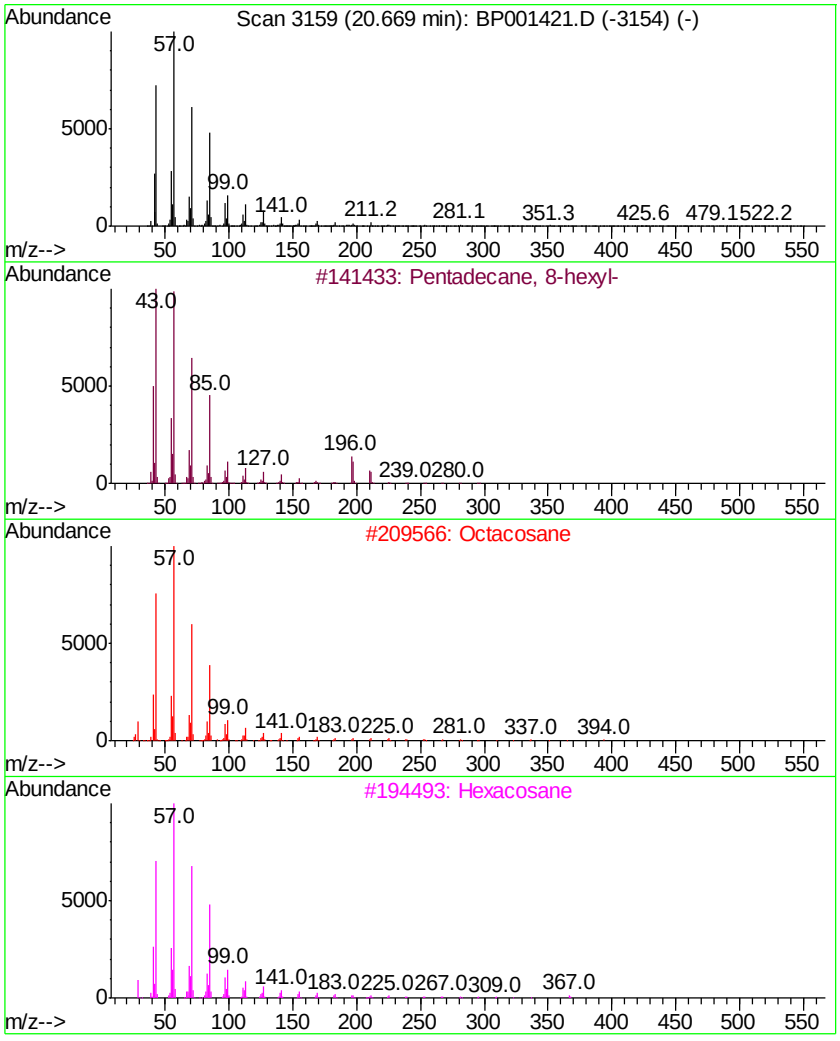
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

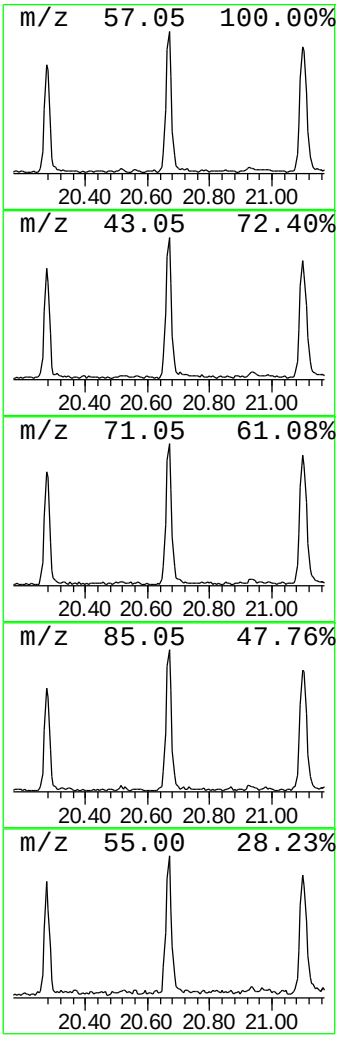
****

Peak Number 6 Pentadecane, 8-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	9.39 ng	140990	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

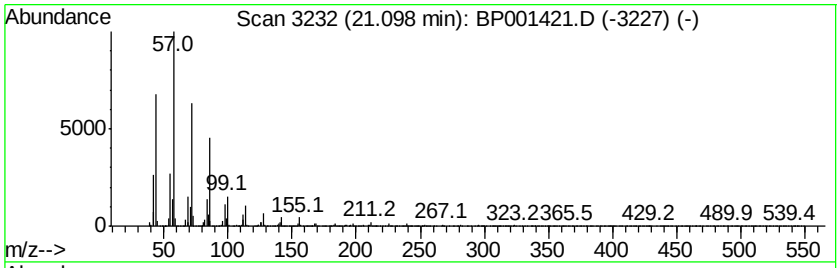
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

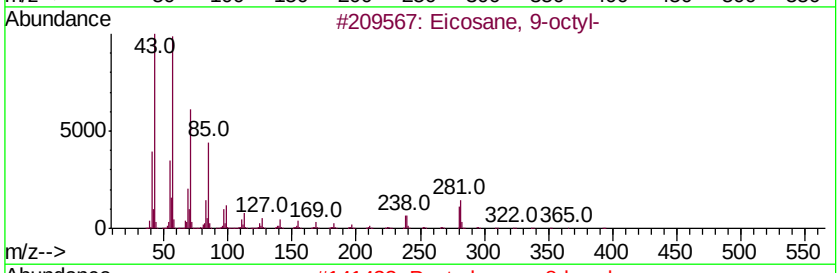
****

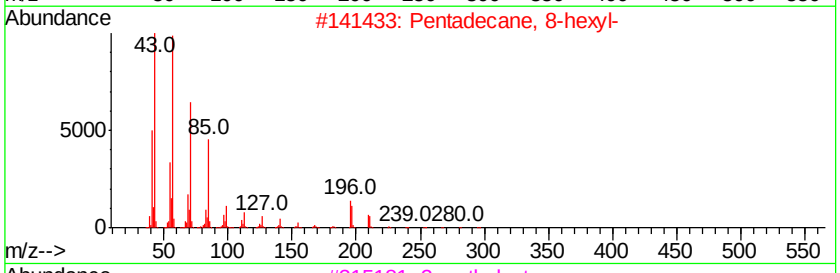
Peak Number 7 Eicosane, 9-octyl- Concentration Rank 4

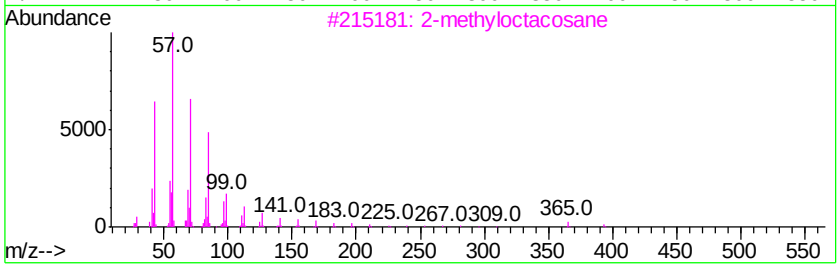
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	9.85 ng	147822	Perylene-d12	20.99

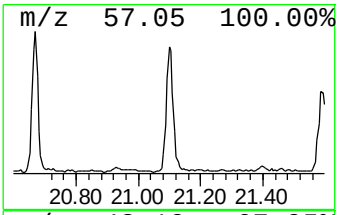
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Heptacosane	380	C27H56	000593-49-7	91

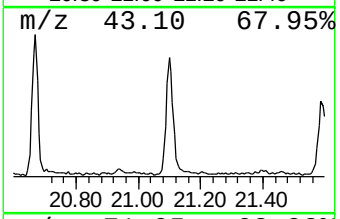


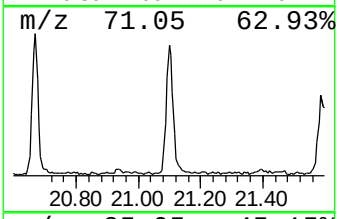


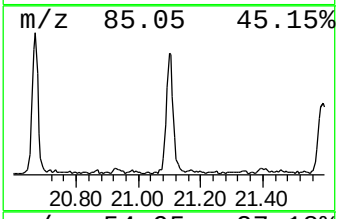


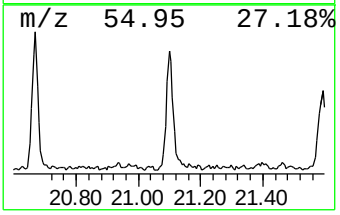












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Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

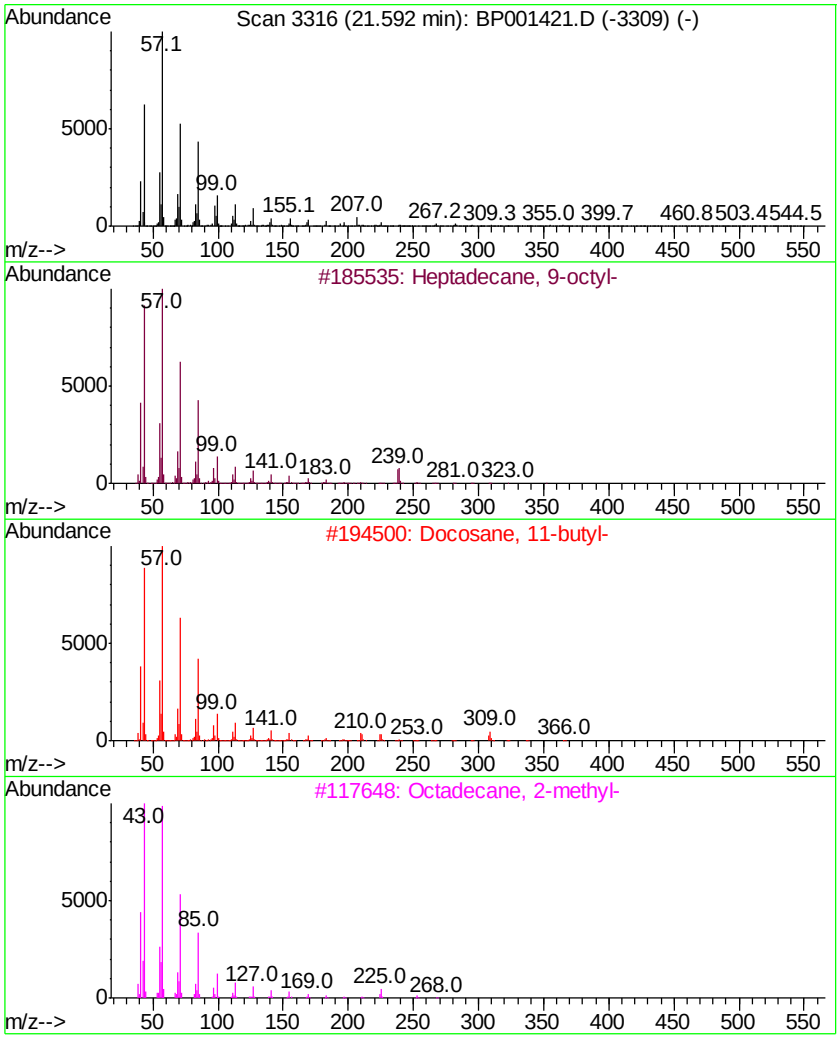
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

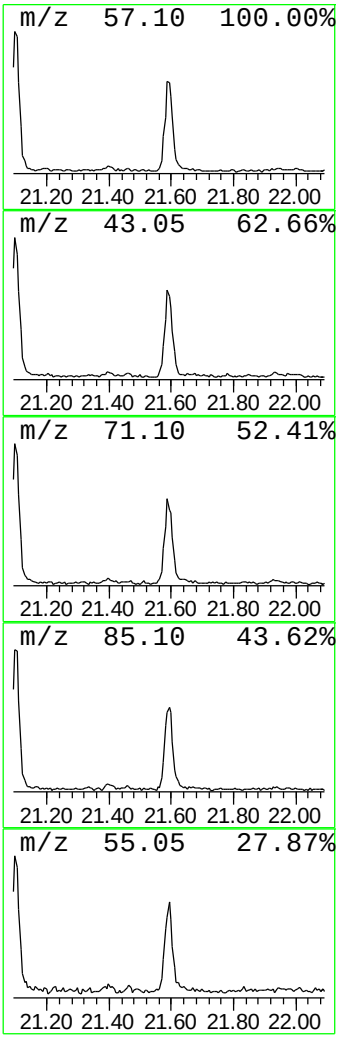
****

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	7.44 ng	111688	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

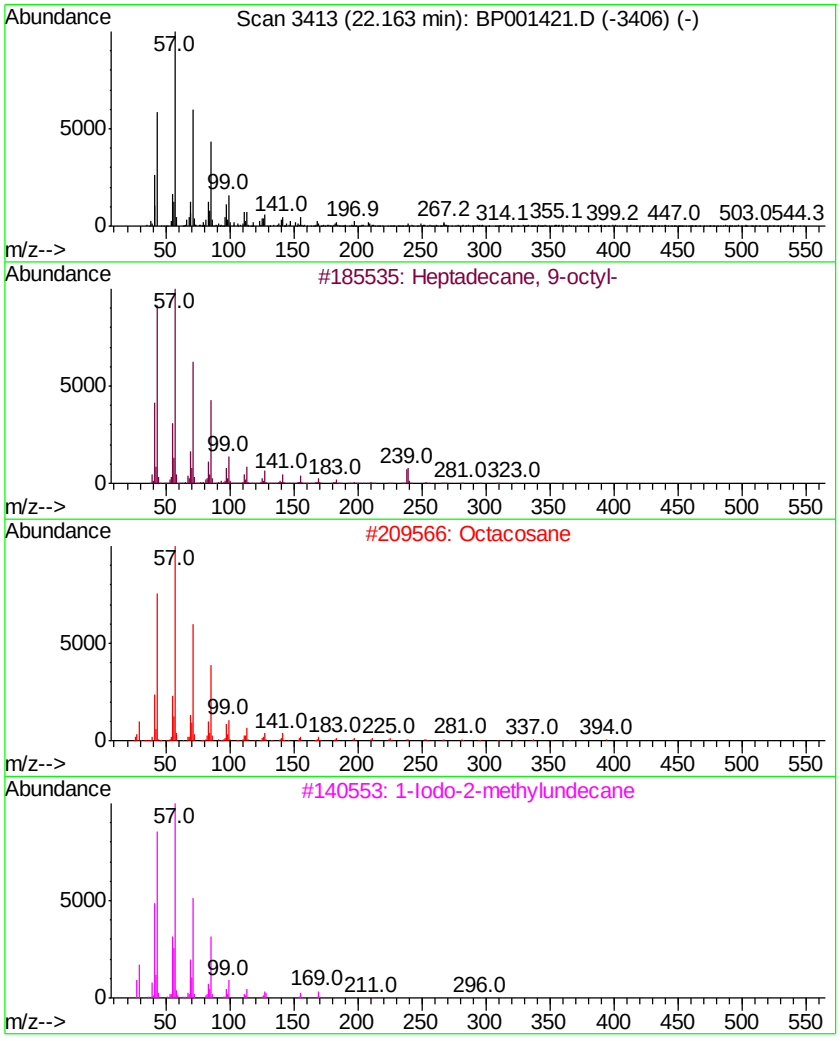
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

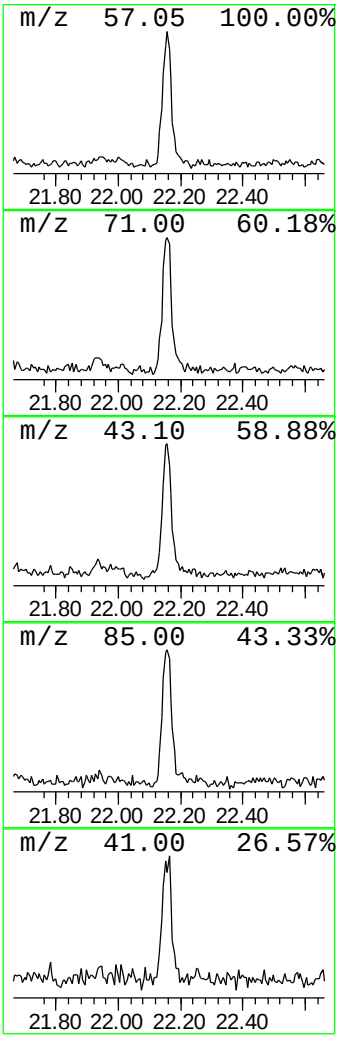
****

Peak Number 9 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	3.51 ng	52616	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Octacosane	394	C28H58	000630-02-4	93
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122619\
Data File : BP001421.D
Acq On : 26 Dec 2019 14:56
Operator : JU
Sample : PB125701BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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...	5.60	17.6	ng	205542	1	8.28	233639	20.0
unknown7.93	7.93	99.7	ng	1165100	1	8.28	233639	20.0
Eicosane, 10-methyl-	19.90	3.0	ng	50477	5	19.22	341914	20.0
2-Bromo dodecane	20.27	6.8	ng	102441	6	20.99	300171	20.0
Pentadecane, 8-he...	20.67	9.4	ng	140990	6	20.99	300171	20.0
Eicosane, 9-octyl-	21.10	9.8	ng	147822	6	20.99	300171	20.0
Heptadecane, 9-oc...	21.59	7.4	ng	111688	6	20.99	300171	20.0
Octacosane	22.16	3.5	ng	52616	6	20.99	300171	20.0