LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001281.D
Acq On : 09 Dec 2019 20:45
Operator : JU
Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

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	5.622	596	601	618	rVB	267294	433682	14.86%	1.958%
2	6.222	696	703	721	rBV	1550299	2011382	68.92%	9.082%
3	7.758	957	964	979	rBV	1703247	2200247	75.39%	9.935%
4	7.946	990	996	1008	rVB	1779228	2136843	73.22%	9.649%
5	8.305	1052	1057	1066	rVB	397849	452904	15.52%	2.045%
6	8.546	1092	1098	1103	rBV	1328084	1625198	55.69%	7.339%
7	9.187	1200	1207	1211	rBV	1132422	1384567	47.44%	6.252%
8	10.340	1397	1403	1413	rBV	467236	547582	18.76%	2.473%
9	12.122	1699	1706	1710	rBV	2198756	2496662	85.55%	11.274%
10	12.787	1814	1819	1827	rBV	127965	145200	4.98%	0.656%
11	13.204	1883	1890	1903	rBV	531109	661950	22.68%	2.989%
12	14.498	2103	2110	2130	rBV	1374991	1820942	62.39%	8.222%
13	15.598	2292	2297	2308	rVB	636878	711651	24.38%	3.213%
14	16.487	2445	2448	2458	rBV2	32487	52071	1.78%	0.235%
15	17.887	2680	2686	2690	rBV	2750573	2918495	100.00%	13.178%
16	18.704	2820	2825	2828	rBV	29366	31498	1.08%	0.142%
17	19.122	2891	2896	2912	rBV2	168260	422641	14.48%	1.908%
18	19.245	2912	2917	2923	rVB	595319	676641	23.18%	3.055%
19	19.533	2962	2966	2971	rBV	49985	53988	1.85%	0.244%
20	19.922	3028	3032	3037	rBV	59245	76553	2.62%	0.346%
21	20.298	3092	3096	3101	rBV	89061	99237	3.40%	0.448%
22	20.692	3159	3163	3169	rBV	95697	127844	4.38%	0.577%
23	21.016	3212	3218	3226	rVB	477335	642922	22.03%	2.903%
24	21.133	3233	3238	3245	rVB	84820	122542	4.20%	0.553%
25	21.627	3317	3322	3328	rBV	67793	114250	3.91%	0.516%
26	21.704	3329	3335	3338	rBV7	26279	60441	2.07%	0.273%
27	22.198	3414	3419	3428	rVB2	41623	84315	2.89%	0.381%
28	22.869	3528	3533	3539	rVB2	16511	33711	1.16%	0.152%

Sum of corrected areas: 22145959

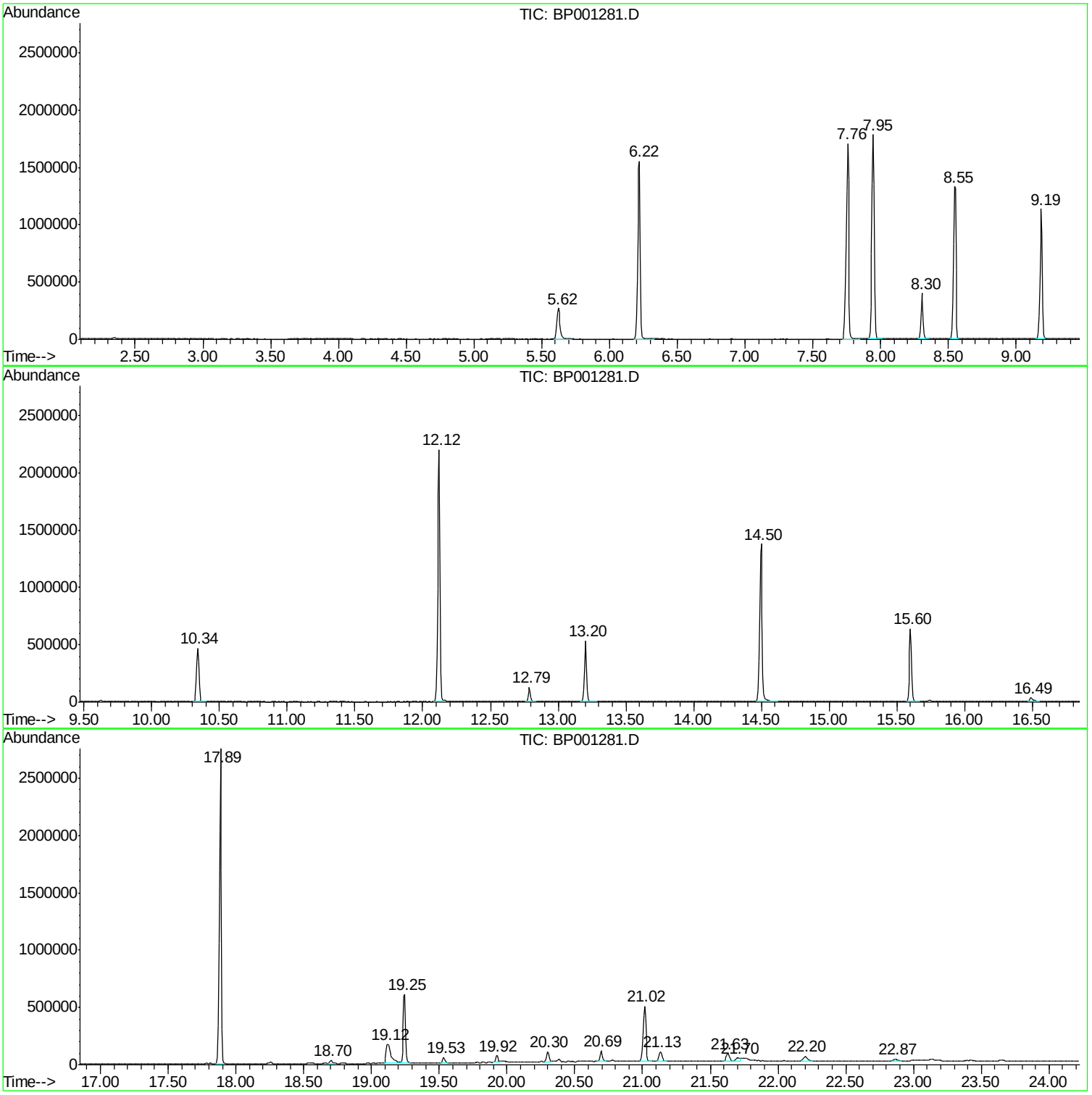
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001281.D
Acq On : 09 Dec 2019 20:45
Operator : JU
Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

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\BP120919\
Data File : BP001281.D
Acq On : 09 Dec 2019 20:45
Operator : JU
Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

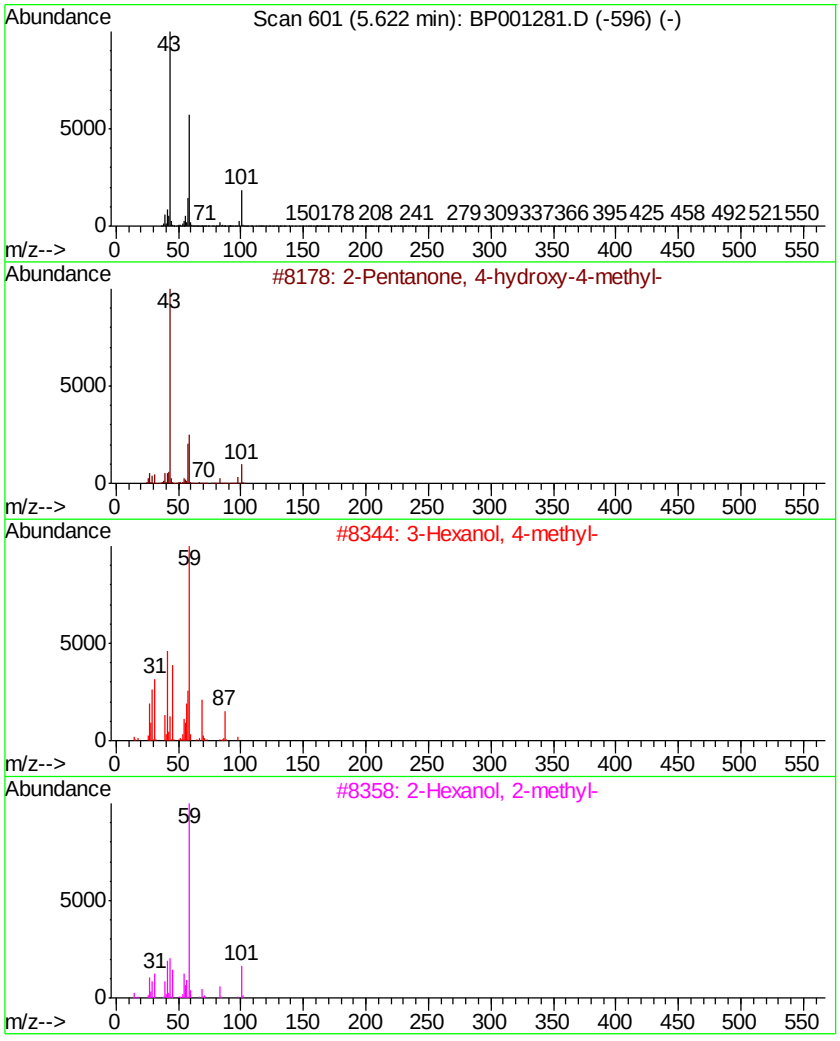
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

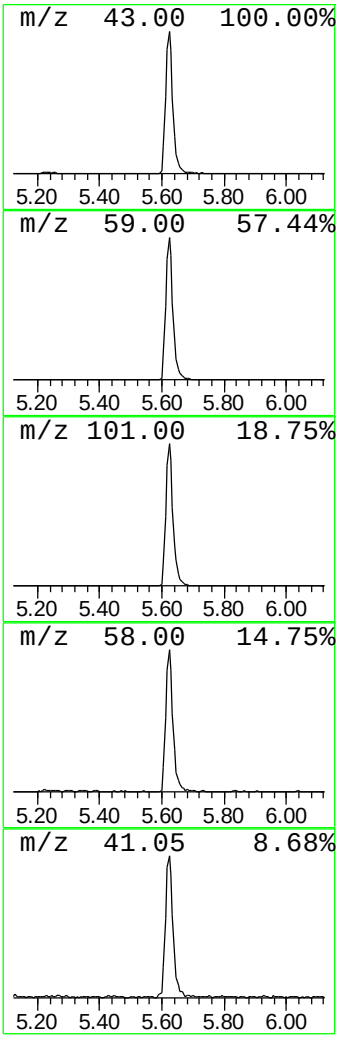
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	19.15 ng	433682	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001281.D
Acq On : 09 Dec 2019 20:45
Operator : JU
Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

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

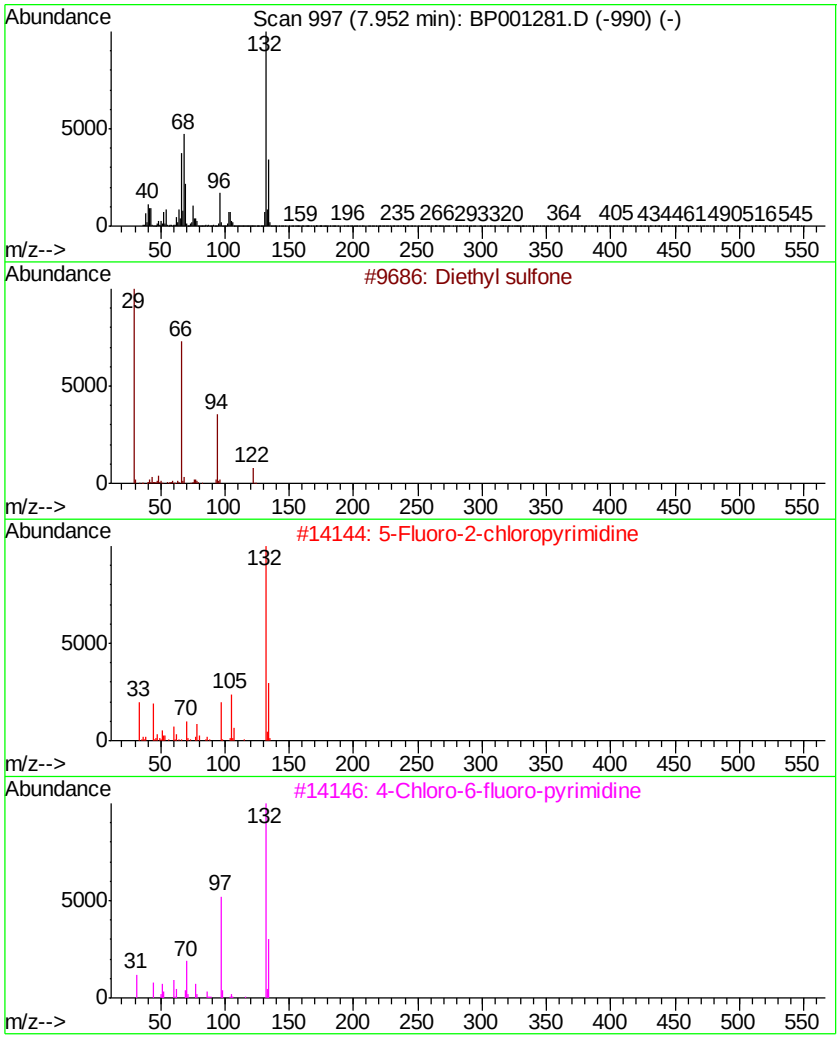
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

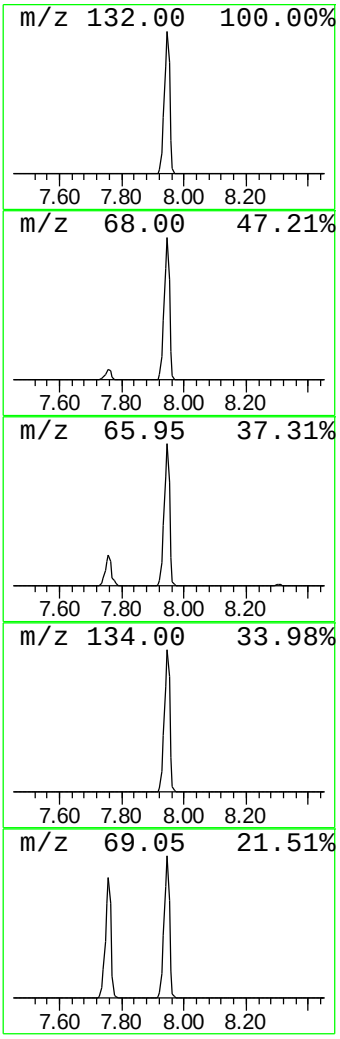
****

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	94.36 ng	2136840	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfone	122	C4H10O2S	000597-35-3	23
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
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Acq On : 09 Dec 2019 20:45
Operator : JU
Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

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

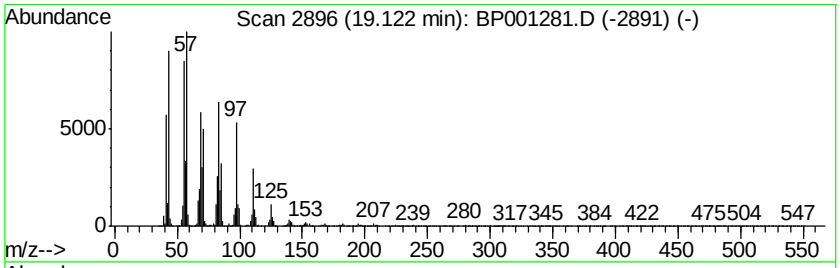
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

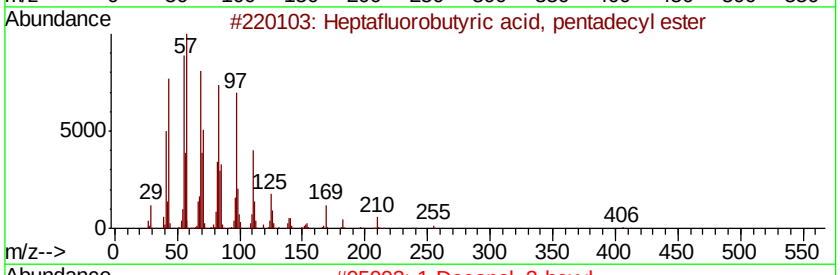
****

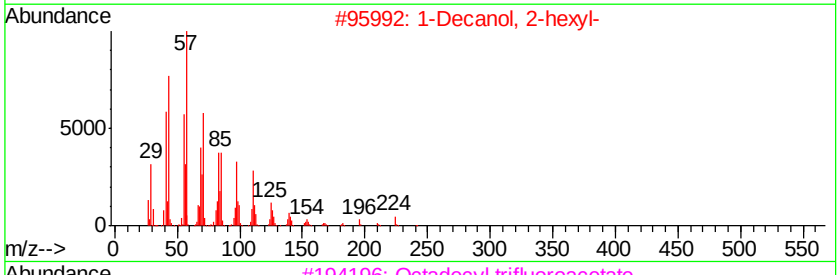
Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 4

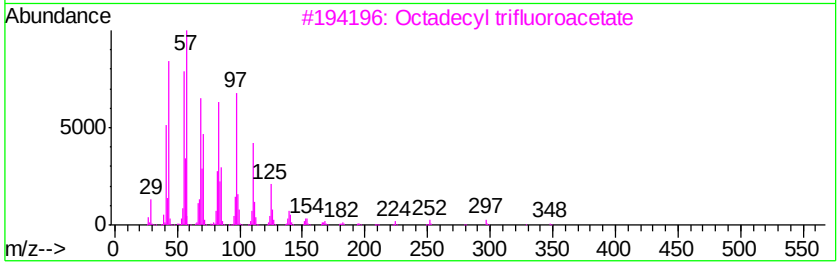
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	12.49 ng	422641	Chrysene-d12	19.25

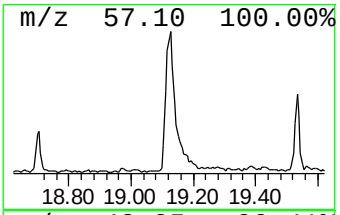
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	93
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91

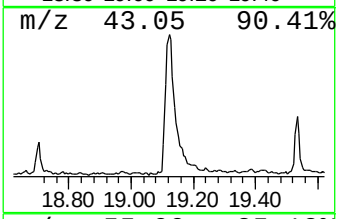


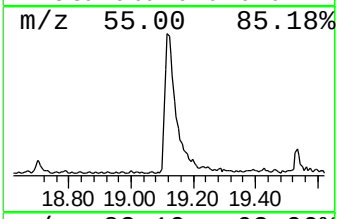


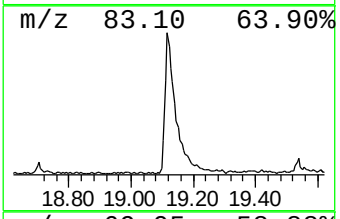


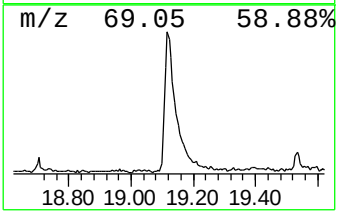












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001281.D
Acq On : 09 Dec 2019 20:45
Operator : JU
Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

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

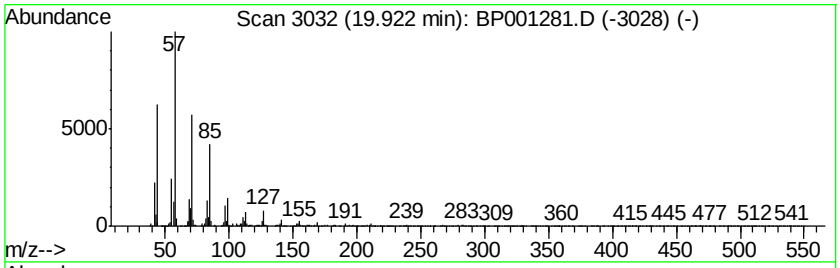
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

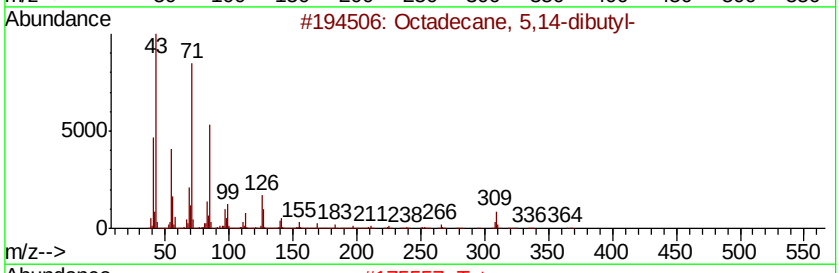
****

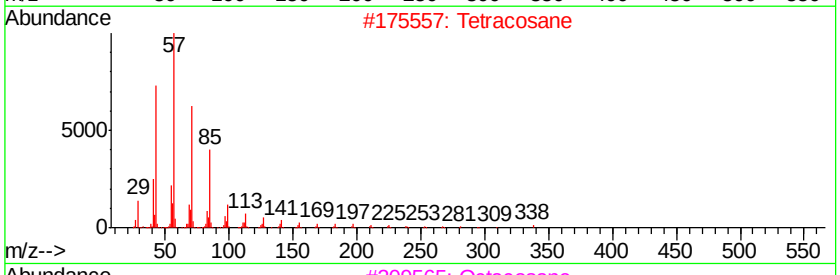
Peak Number 5 Eicosane, 7-hexyl- Concentration Rank 10

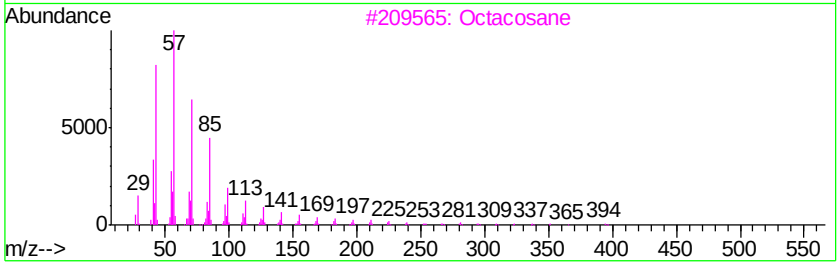
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.26 ng	76553	Chrysene-d12	19.25

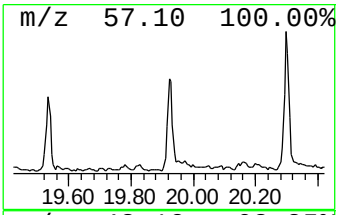
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90

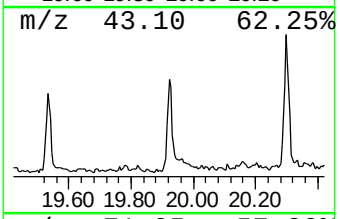


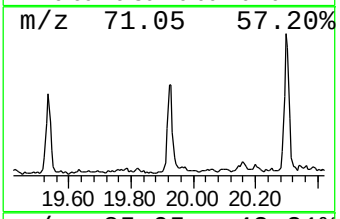


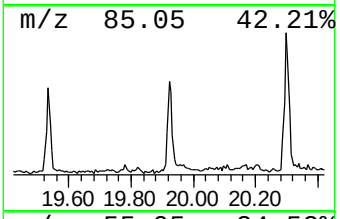


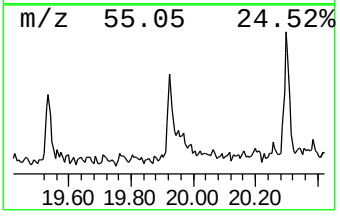












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001281.D
Acq On : 09 Dec 2019 20:45
Operator : JU
Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

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

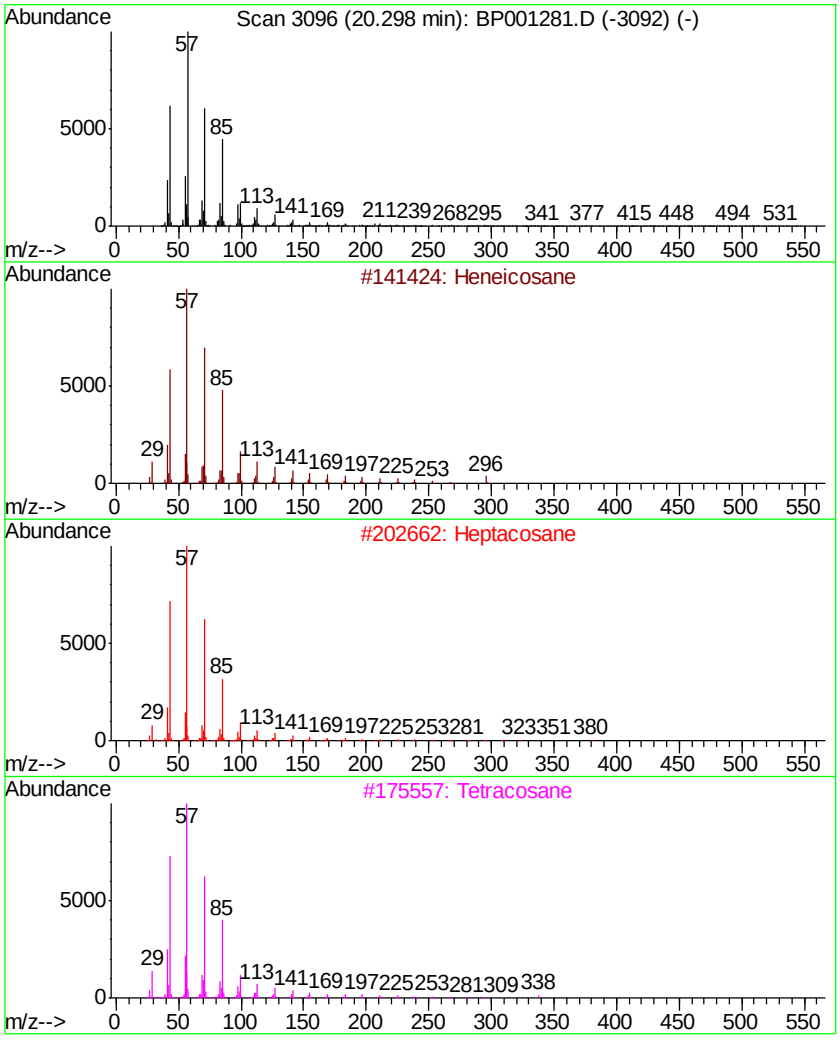
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

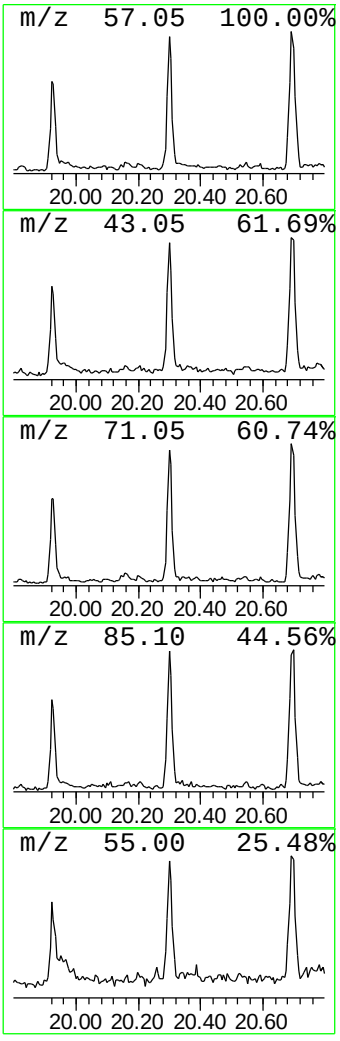
****

Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	3.09 ng	99237	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tricosane	324	C23H48	000638-67-5	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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

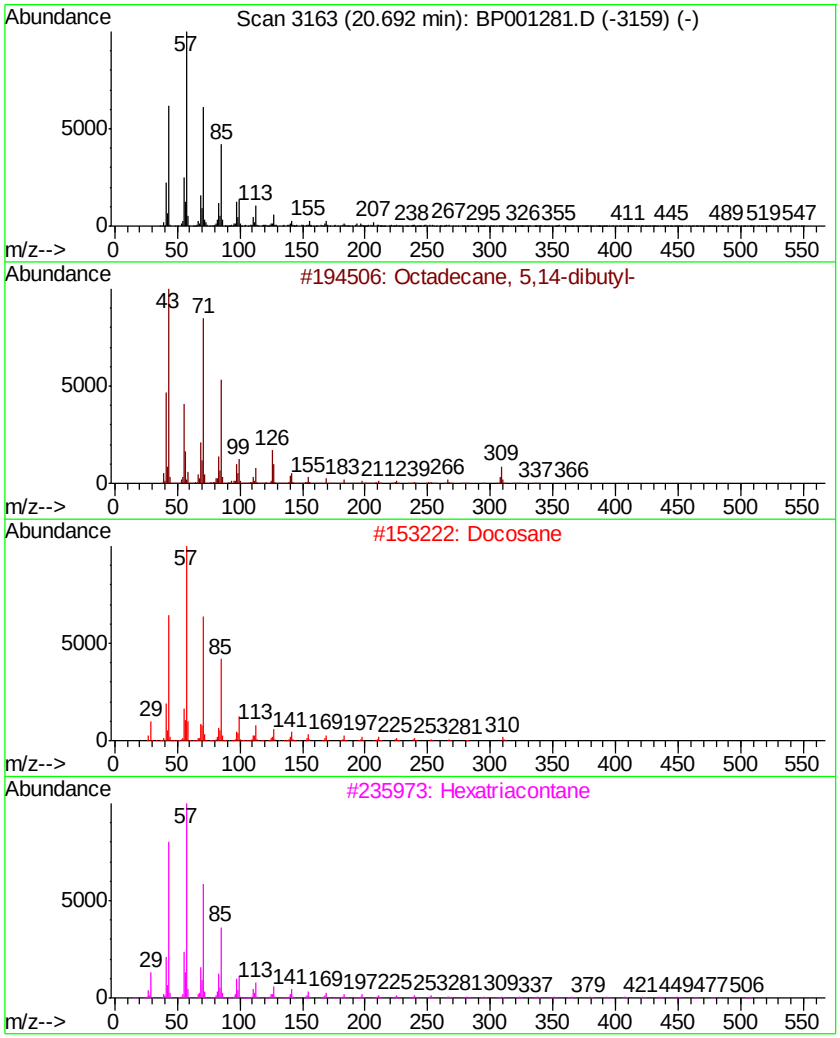
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

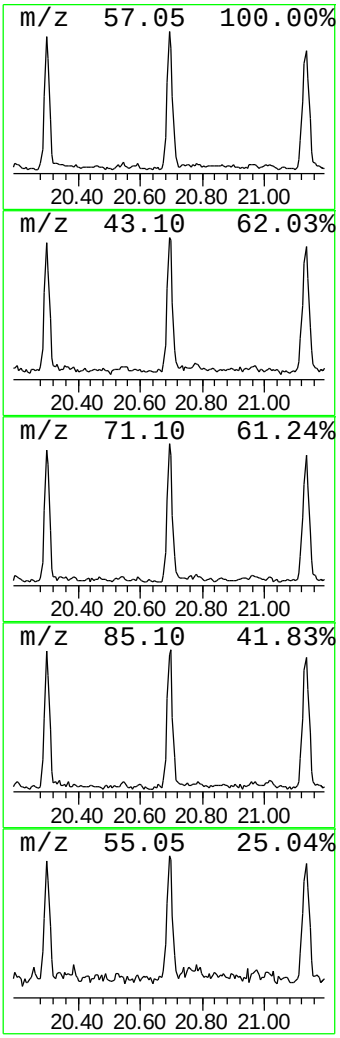
****

Peak Number 7 Octadecane, 5,14-dibutyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	3.98 ng	127844	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
2	Docosane	310	C22H46	000629-97-0	93
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

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Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
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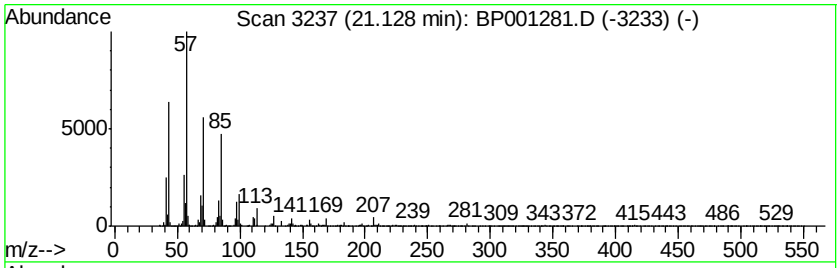
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

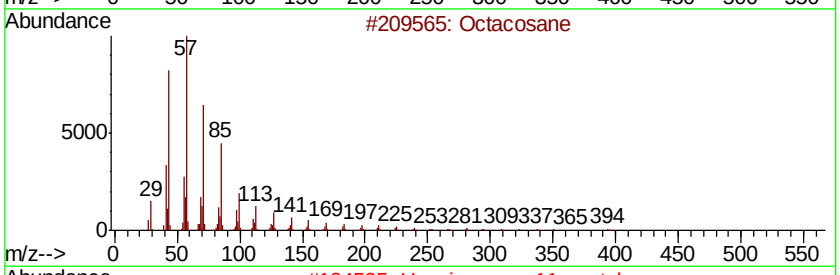
****

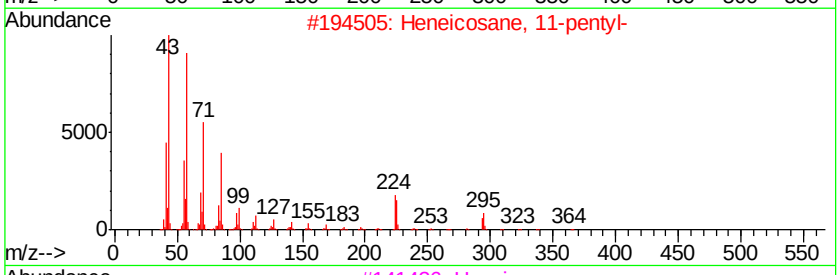
Peak Number 8 Octacosane Concentration Rank 6

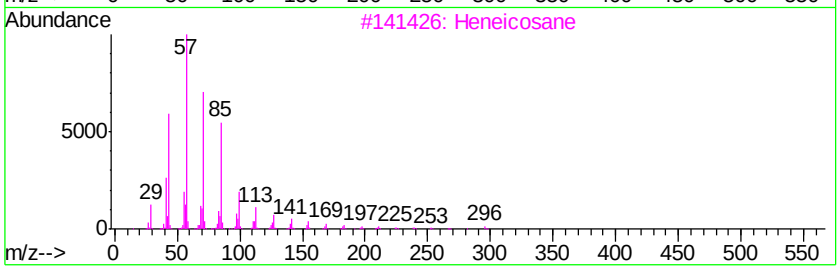
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	3.81 ng	122542	Perylene-d12	21.02

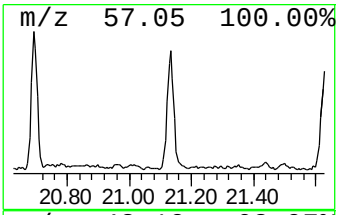
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexacosane	366	C26H54	000630-01-3	91

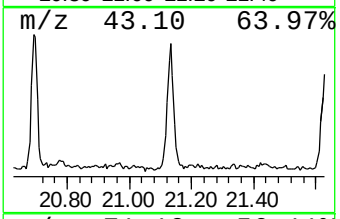


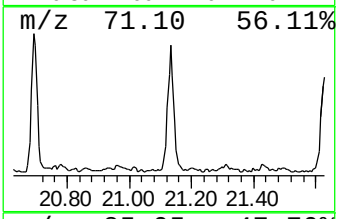


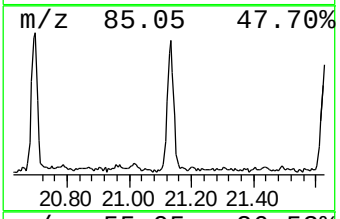


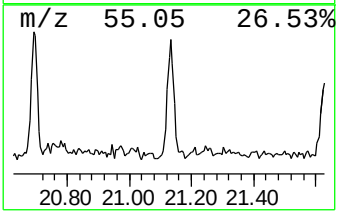












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001281.D
Acq On : 09 Dec 2019 20:45
Operator : JU
Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

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

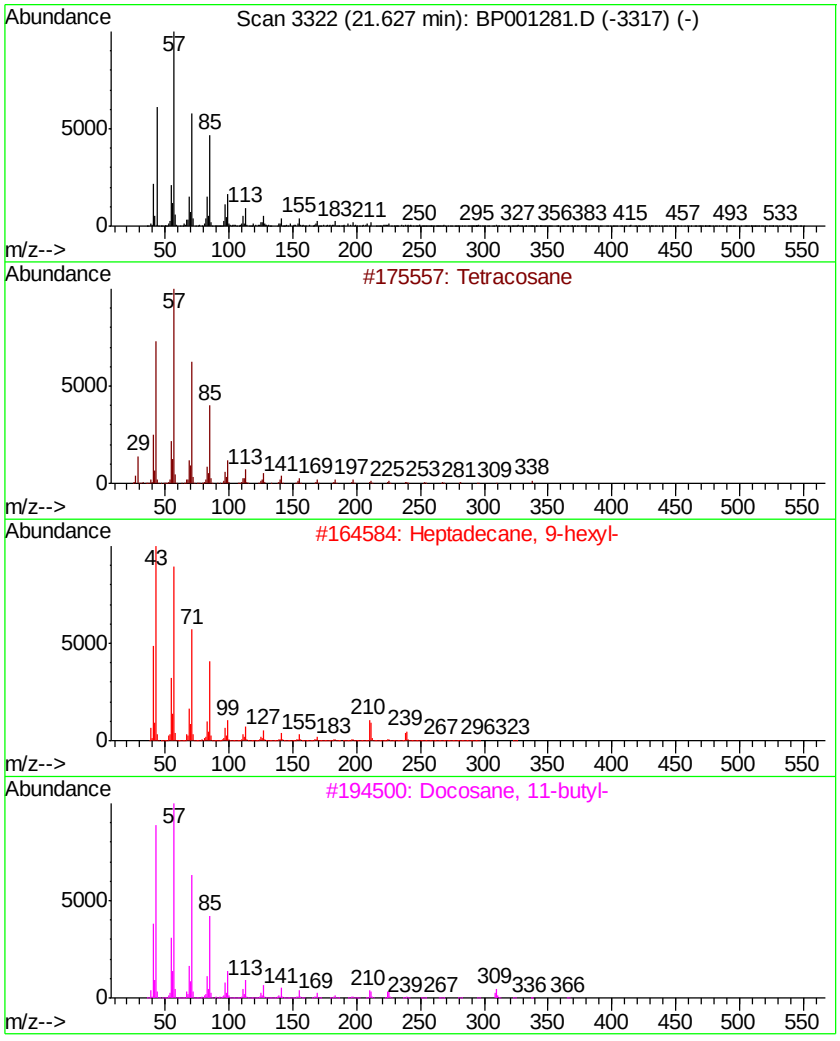
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

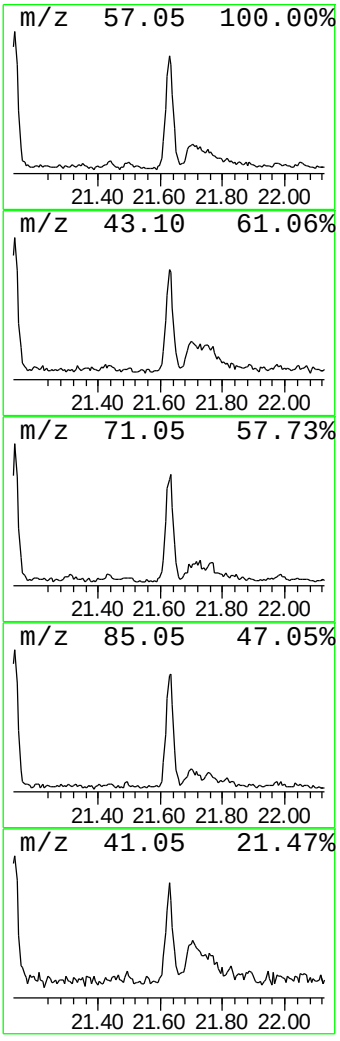
****

Peak Number 9 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	3.55 ng	114250	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120919\
Data File : BP001281.D
Acq On : 09 Dec 2019 20:45
Operator : JU
Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-7

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	19.1	ng	433682	1	8.30	452904	20.0
unknown7.95	7.95	94.4	ng	2136840	1	8.30	452904	20.0
Heptafluorobutyri...	19.12	12.5	ng	422641	5	19.25	676641	20.0
Eicosane, 7-hexyl-	19.92	2.3	ng	76553	5	19.25	676641	20.0
Heneicosane	20.30	3.1	ng	99237	6	21.02	642922	20.0
Octadecane, 5,14-...	20.69	4.0	ng	127844	6	21.02	642922	20.0
Octacosane	21.13	3.8	ng	122542	6	21.02	642922	20.0
Tetracosane	21.63	3.5	ng	114250	6	21.02	642922	20.0