LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001282.D
Acq On : 09 Dec 2019 21:15
Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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	2.346	41	44	56	rVB	18059	29926	1.35%	0.168%
2	5.616	595	600	614	rVB	217212	325783	14.68%	1.829%
3	6.216	694	702	714	rBV	1235181	1538176	69.30%	8.633%
4	7.752	957	963	977	rBV	1299719	1664034	74.97%	9.340%
5	7.946	990	996	1007	rVB	1315907	1622156	73.08%	9.105%
6	8.305	1052	1057	1067	rBV	374315	428068	19.29%	2.403%
7	8.546	1092	1098	1103	rBV	1082529	1241663	55.94%	6.969%
8	9.187	1200	1207	1211	rBV	884334	1035572	46.65%	5.812%
9	10.340	1397	1403	1414	rBV	444833	519240	23.39%	2.914%
10	12.122	1699	1706	1710	rBV	1569192	1863189	83.94%	10.458%
11	12.787	1814	1819	1828	rBV	93149	106434	4.80%	0.597%
12	13.204	1884	1890	1901	rBV	496400	621703	28.01%	3.489%
13	14.493	2103	2109	2128	rBV	1077616	1354430	61.02%	7.602%
14	14.698	2137	2144	2151	rBV	77528	103687	4.67%	0.582%
15	15.598	2288	2297	2308	rBV	602587	685944	30.90%	3.850%
16	16.486	2445	2448	2460	rBV3	28323	45625	2.06%	0.256%
17	17.886	2680	2686	2690	rBV	2078138	2219667	100.00%	12.458%
18	19.122	2891	2896	2911	rBV2	138654	363000	16.35%	2.037%
19	19.239	2912	2916	2921	rVV	564497	644694	29.04%	3.618%
20	19.533	2962	2966	2971	rBV	28997	32803	1.48%	0.184%
21	19.922	3029	3032	3036	rBV	40907	48110	2.17%	0.270%
22	20.298	3092	3096	3100	rBV	77432	84531	3.81%	0.474%
23	20.692	3159	3163	3169	rBV	94055	115379	5.20%	0.648%
24	21.016	3212	3218	3227	rVB	475401	631305	28.44%	3.543%
25	21.133	3233	3238	3247	rVB	87455	129932	5.85%	0.729%
26	21.627	3317	3322	3329	rBV	77889	125326	5.65%	0.703%
27	21.710	3329	3336	3340	rBV7	23805	64646	2.91%	0.363%
28	22.204	3413	3420	3434	rVB	50355	111859	5.04%	0.628%
29	22.863	3527	3532	3540	rVB3	26938	59868	2.70%	0.336%

Sum of corrected areas: 17816750

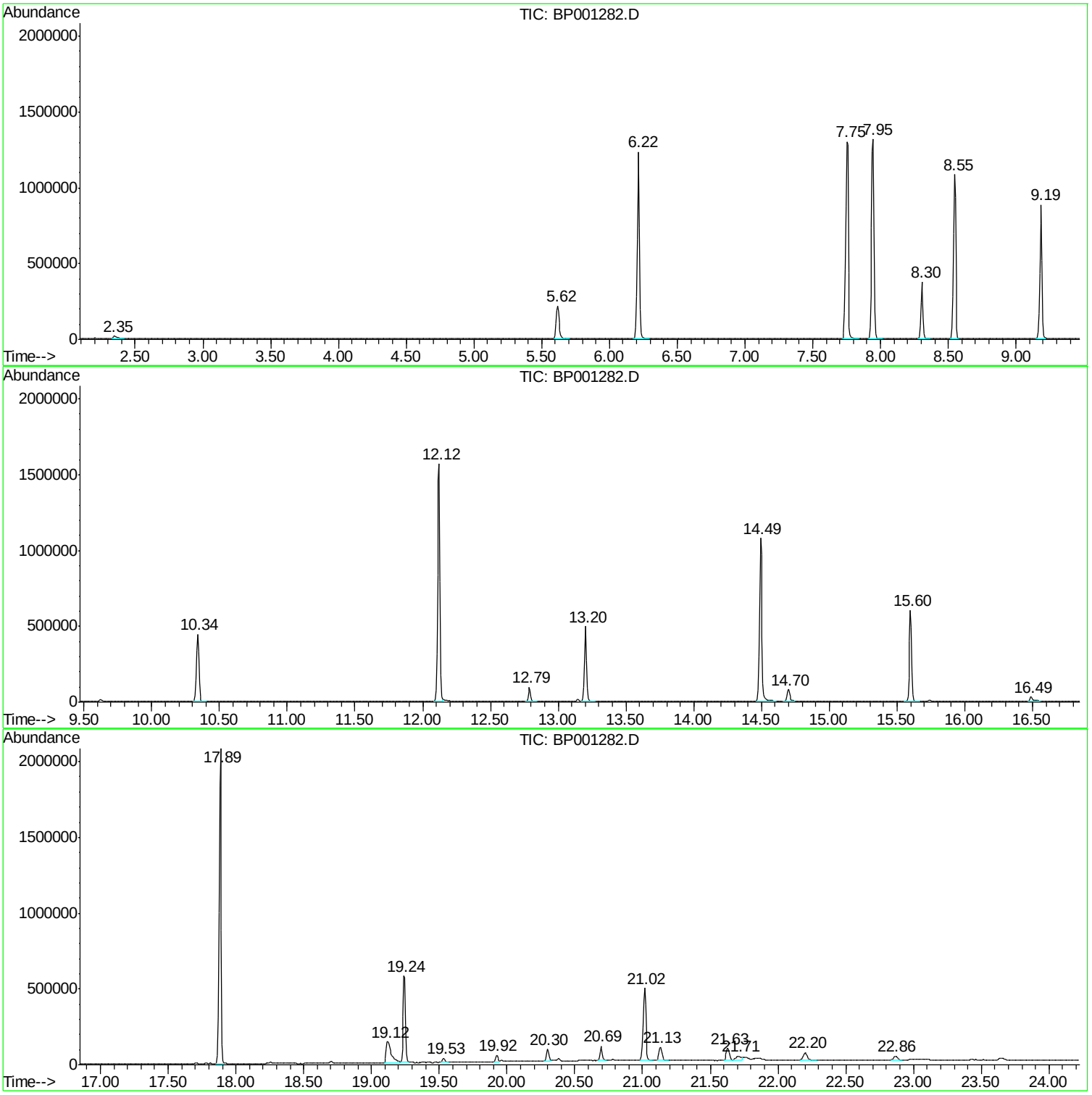
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001282.D
Acq On : 09 Dec 2019 21:15
Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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

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Data File : BP001282.D
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Operator : JU
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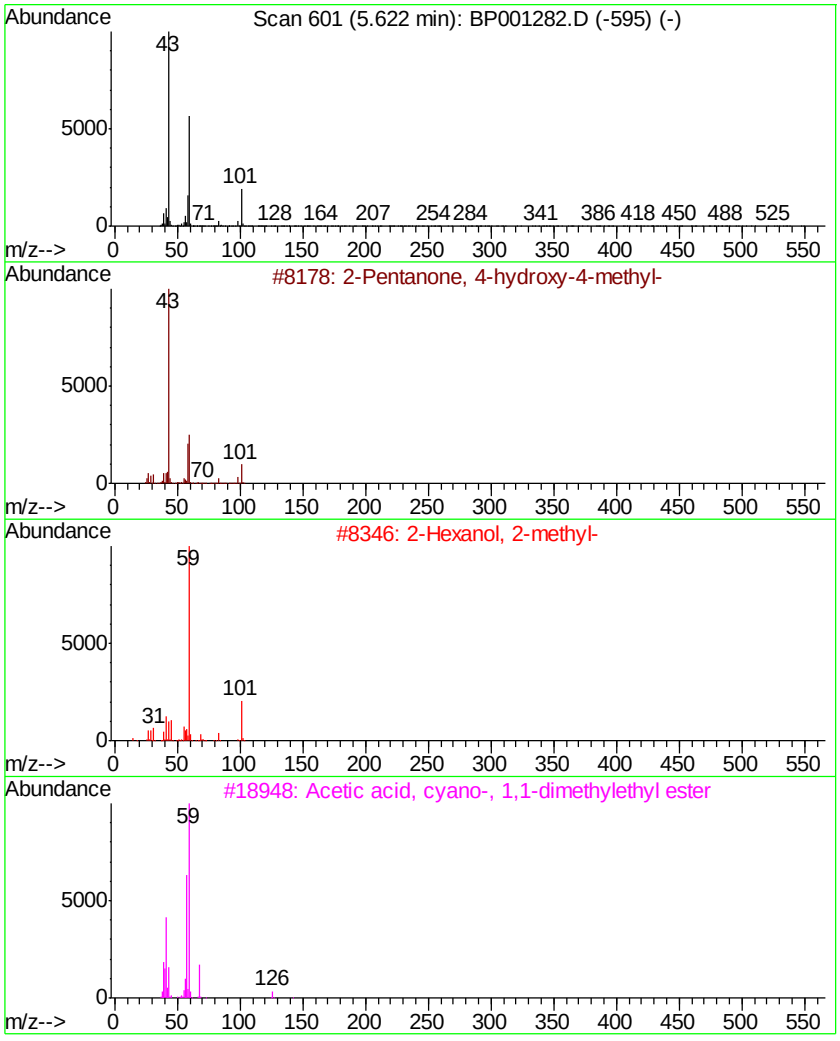
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

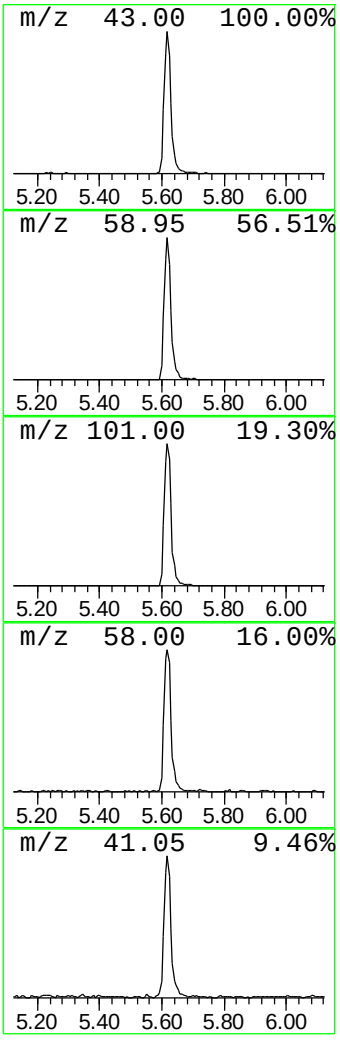
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	15.22 ng	325783	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Acq On : 09 Dec 2019 21:15
Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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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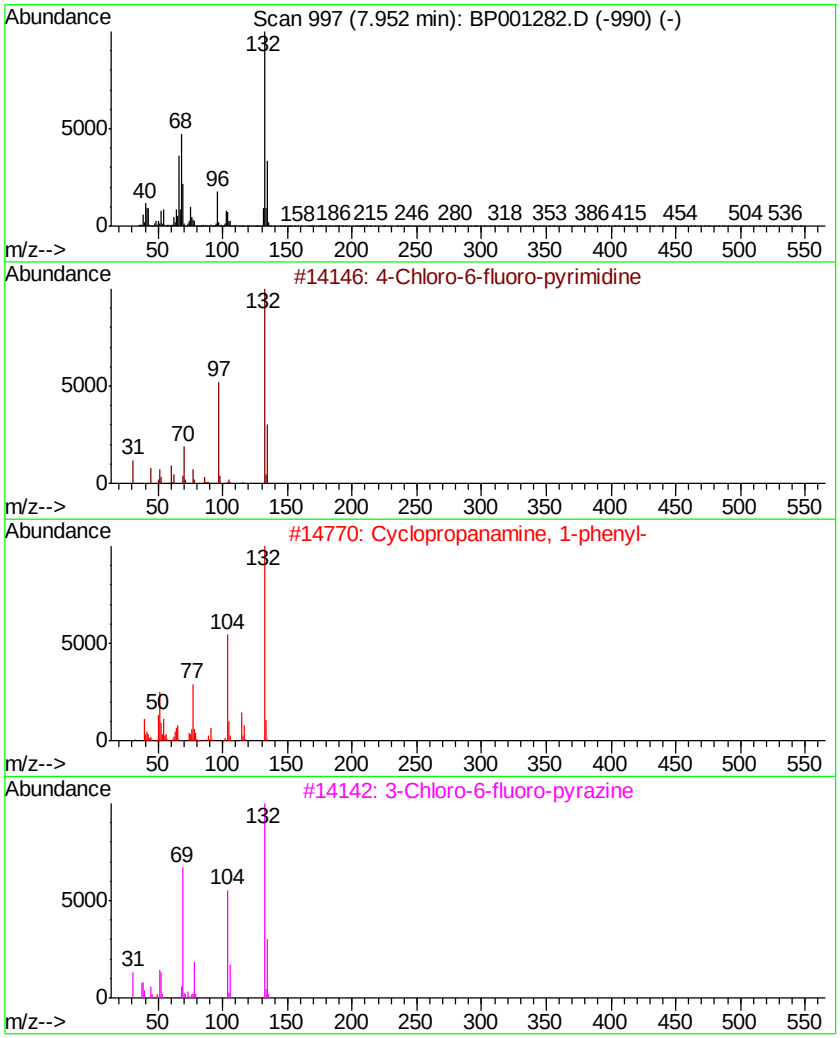
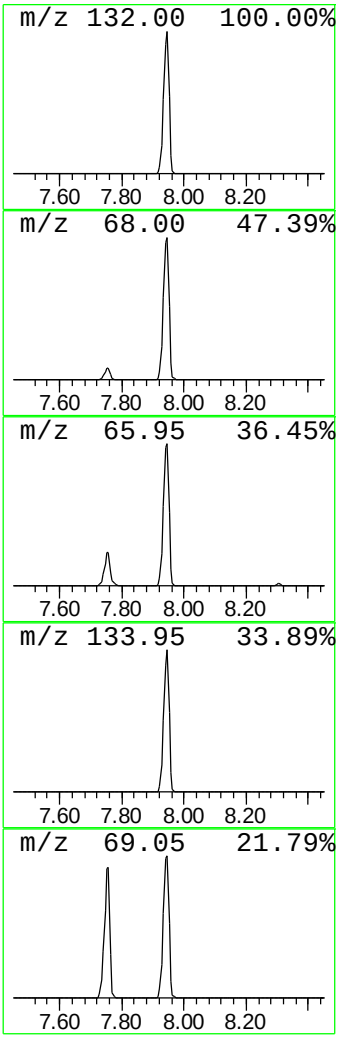
Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	75.79 ng	1622160	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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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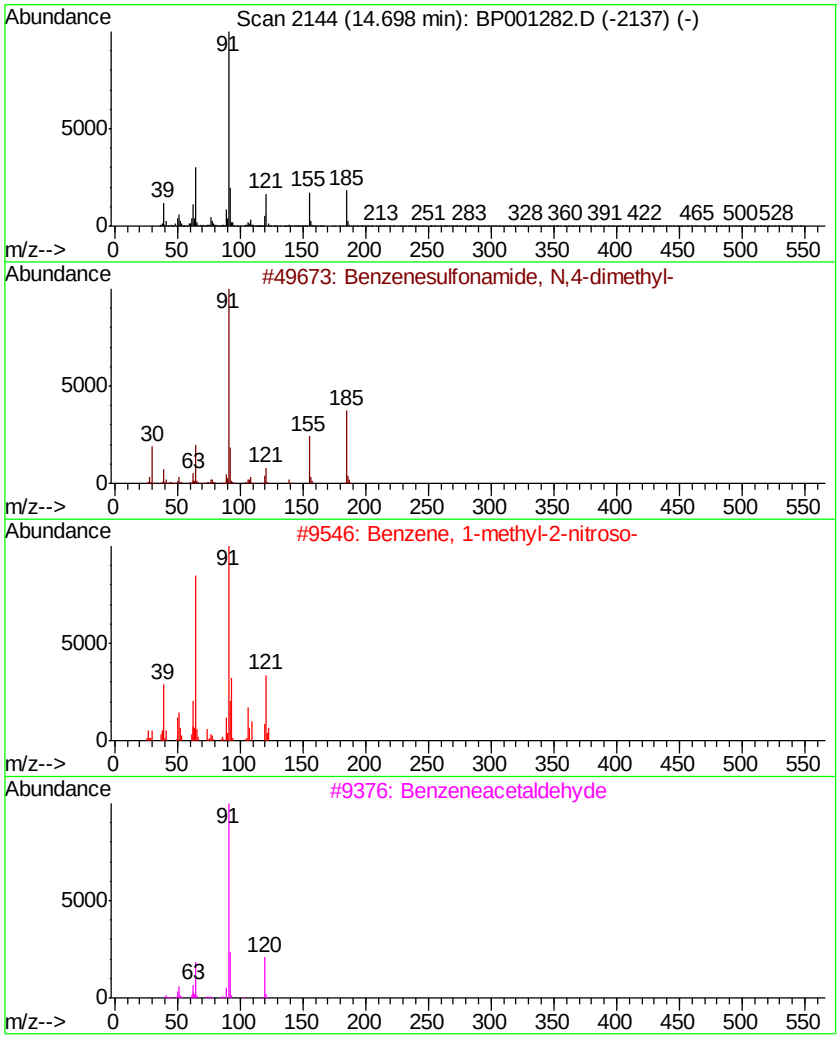
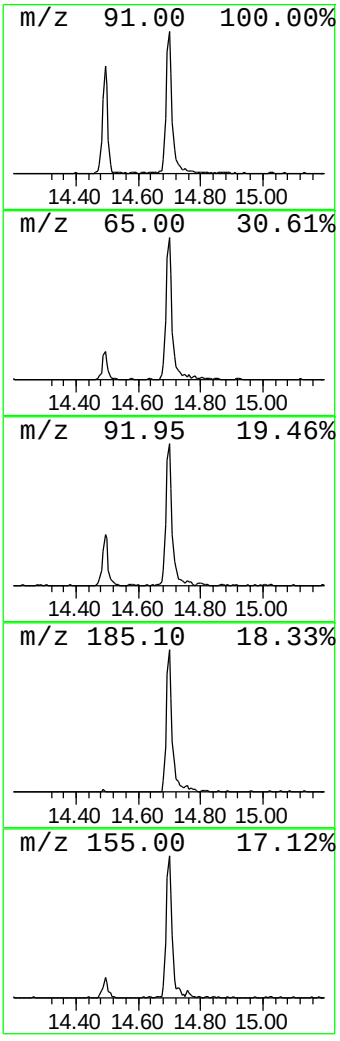
Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.02 ng	103687	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	74
2	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	62
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	47
4	Benzene, [(methylsulfonyl)methyl]-	170	C8H10O2S	003112-90-1	43
5	Benzene, 1-methyl-4-nitroso-	121	C7H7NO	000623-11-0	43





Library Search Compound Report

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Acq On : 09 Dec 2019 21:15
Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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

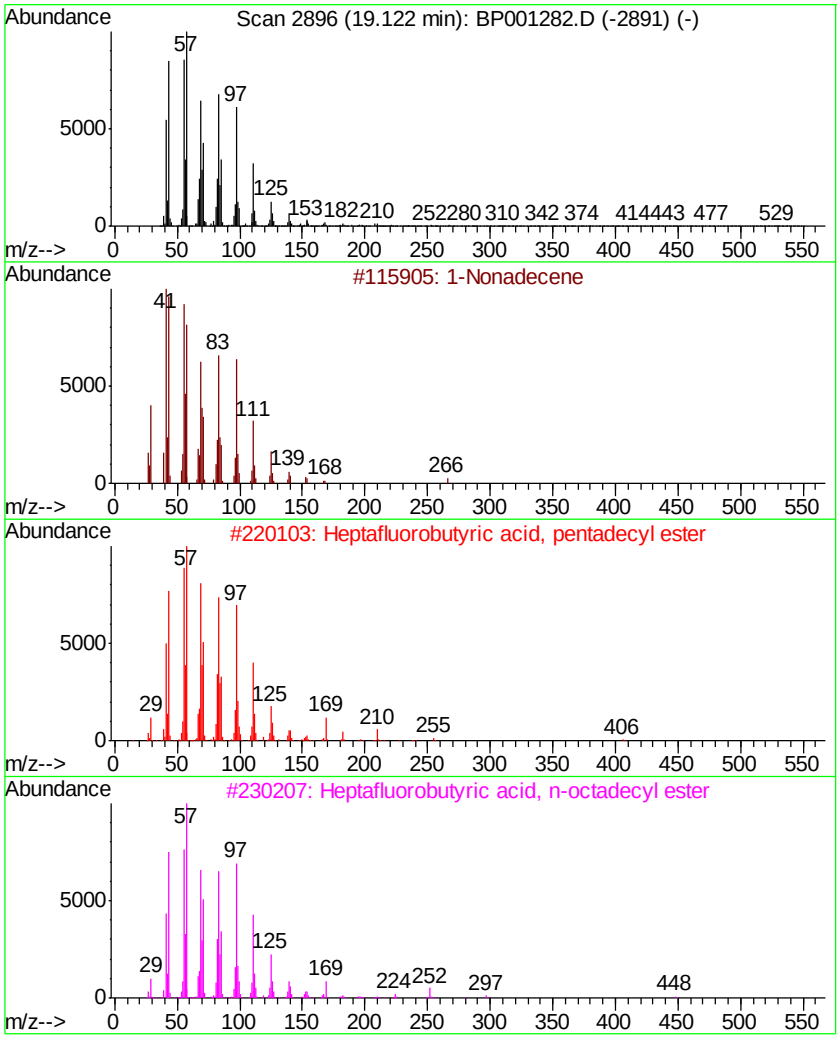
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

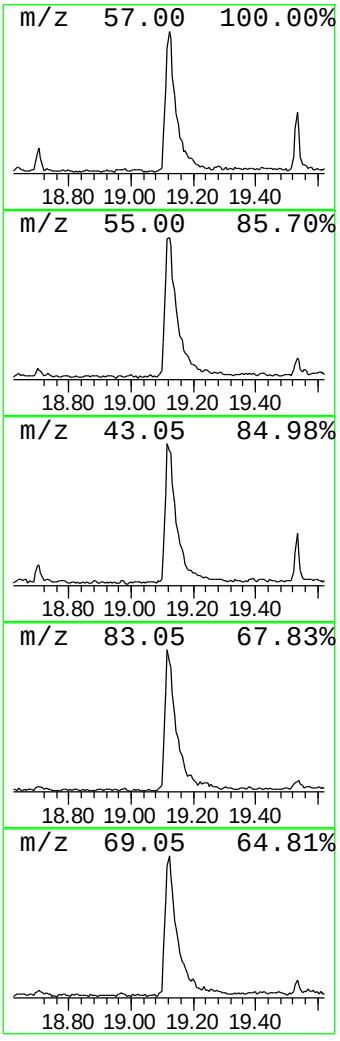
****

Peak Number 5 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	11.26 ng	363000	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Library Search Compound Report

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Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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

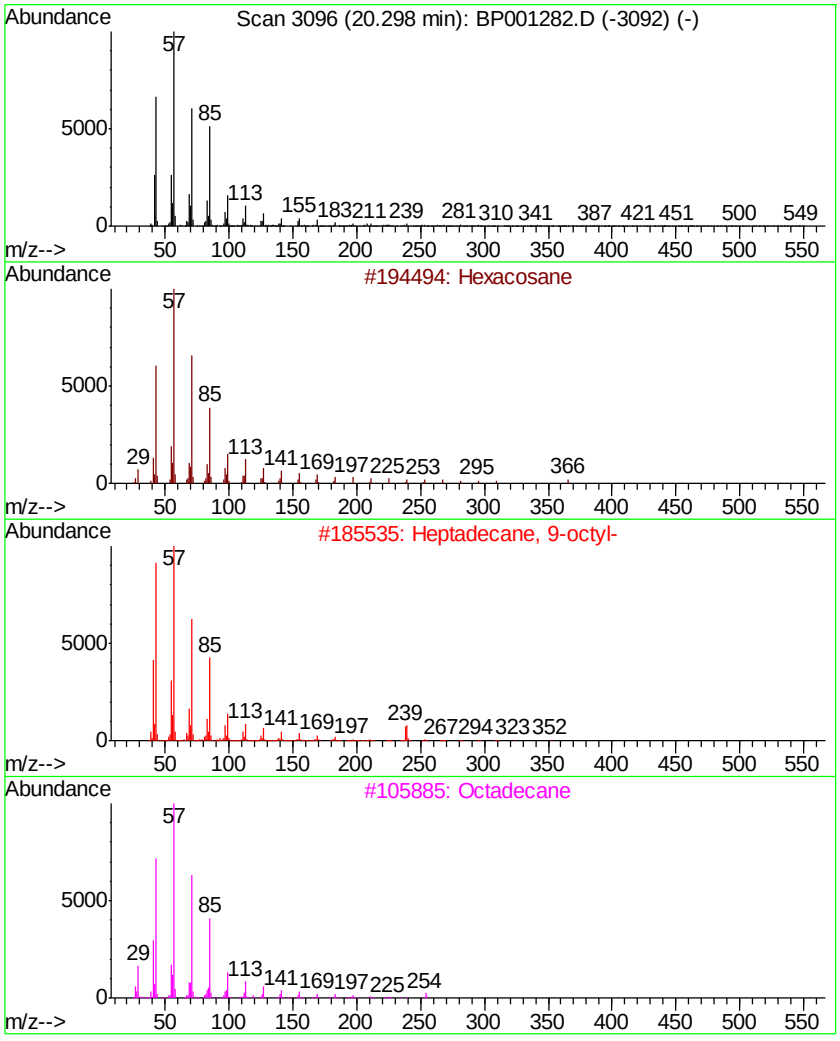
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

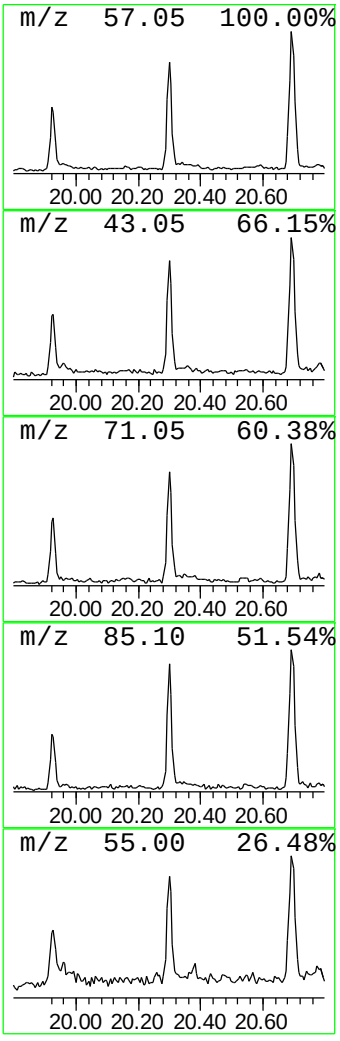
****

Peak Number 6 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.68 ng	84531	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Octadecane	254	C18H38	000593-45-3	91
4	Docosane	310	C22H46	000629-97-0	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Library Search Compound Report

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Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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

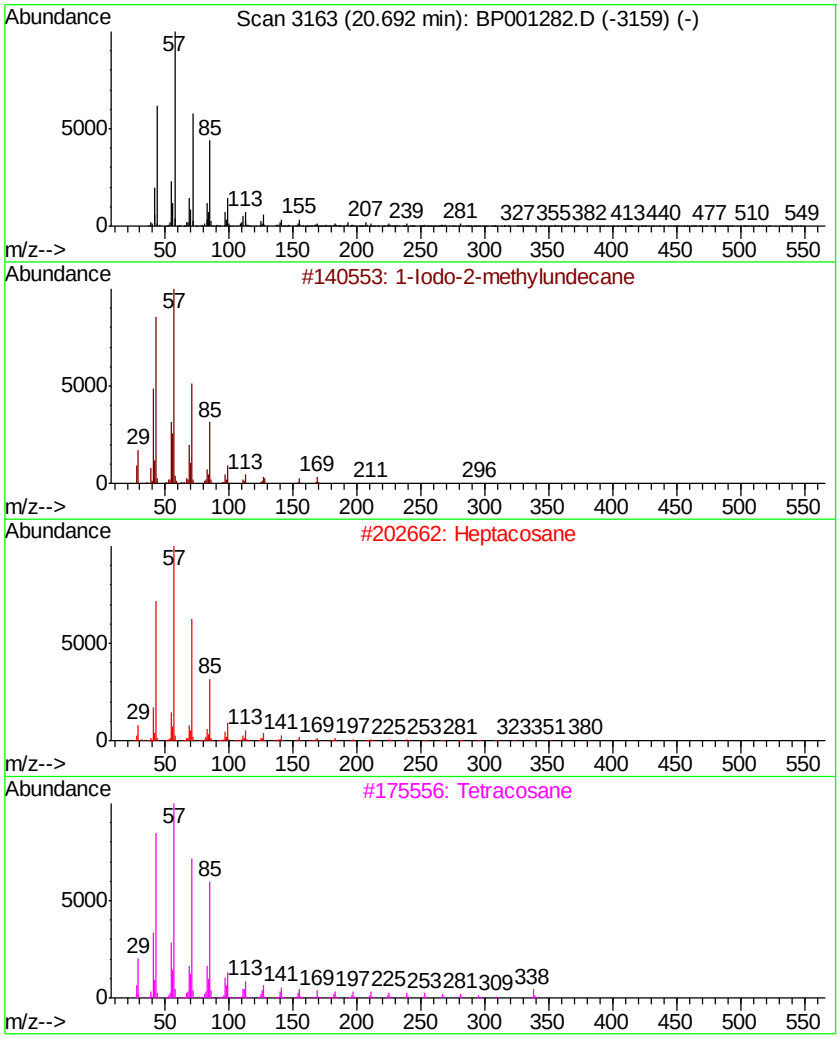
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

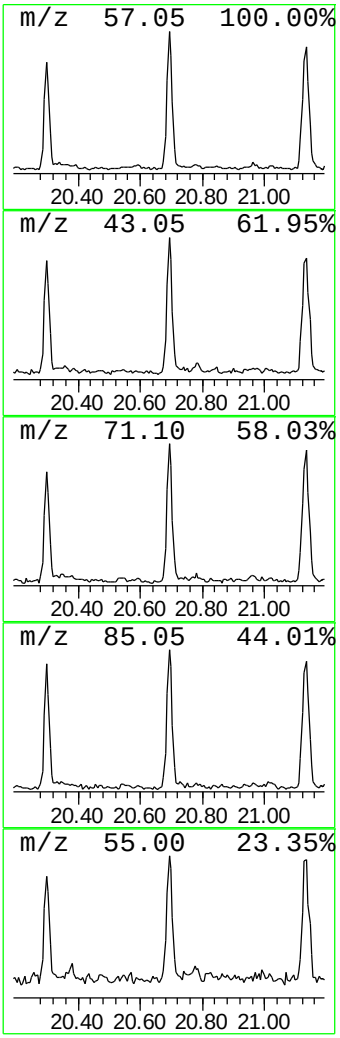
****

Peak Number 7 1-Iodo-2-methylundecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	3.66 ng	115379	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Data File : BP001282.D
Acq On : 09 Dec 2019 21:15
Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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

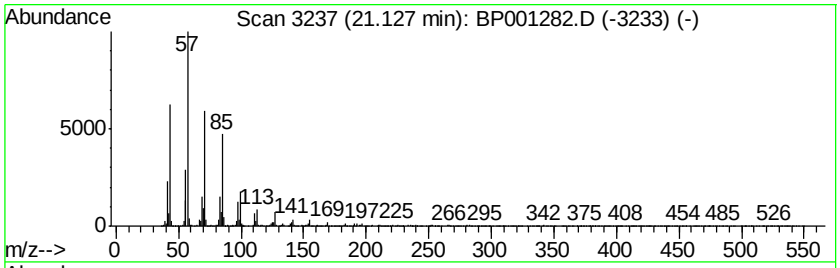
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

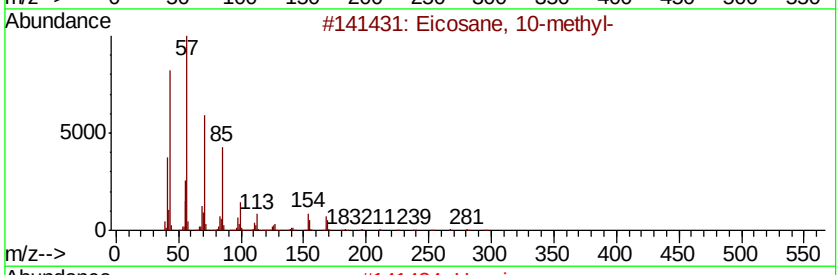
****

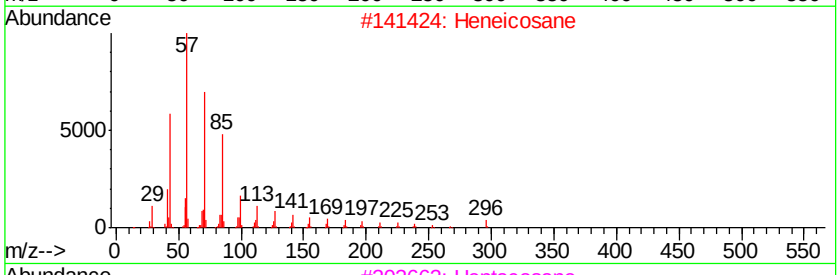
Peak Number 8 Eicosane, 10-methyl- Concentration Rank 5

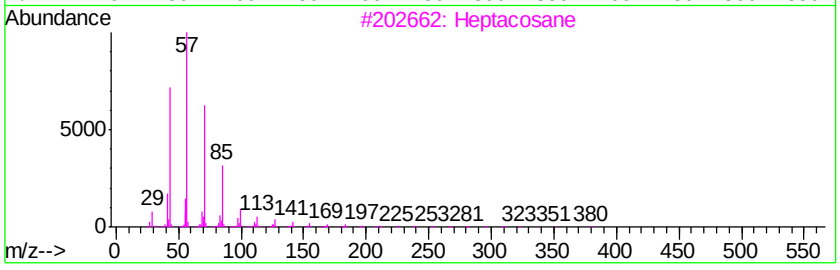
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	4.12 ng	129932	Perylene-d12	21.02

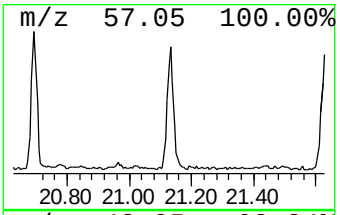
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Heneicosane	296	C21H44	000629-94-7	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91

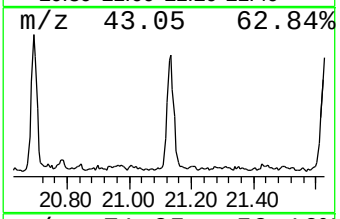


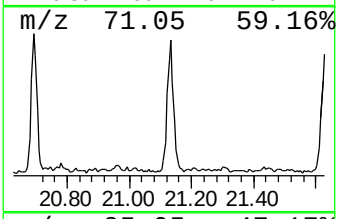


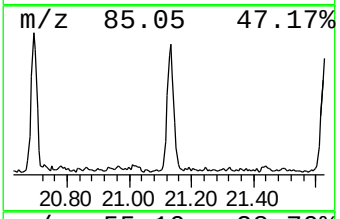


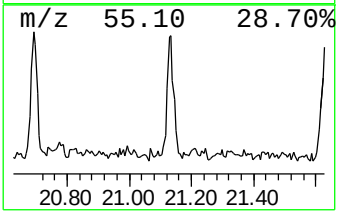












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Data File : BP001282.D
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ALS Vial : 13 Sample Multiplier: 1

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

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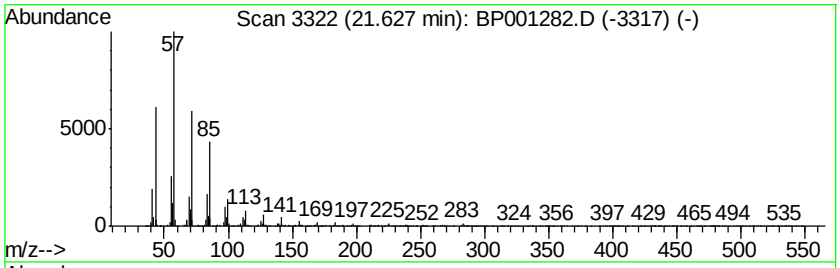
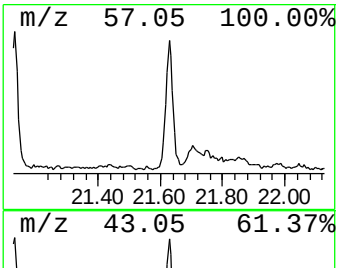
Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	3.97 ng	125326	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Nonacosane	408	C29H60	000630-03-5	94
3	Tricosane	324	C23H48	000638-67-5	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





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Data File : BP001282.D
Acq On : 09 Dec 2019 21:15
Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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

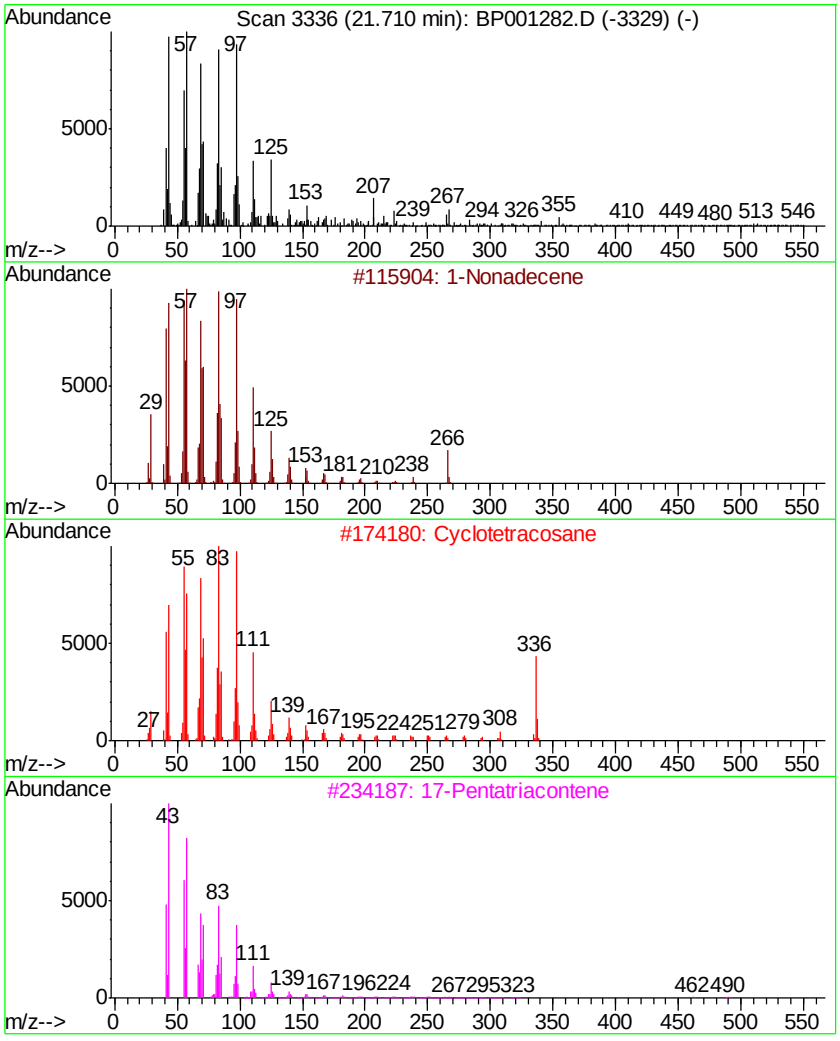
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

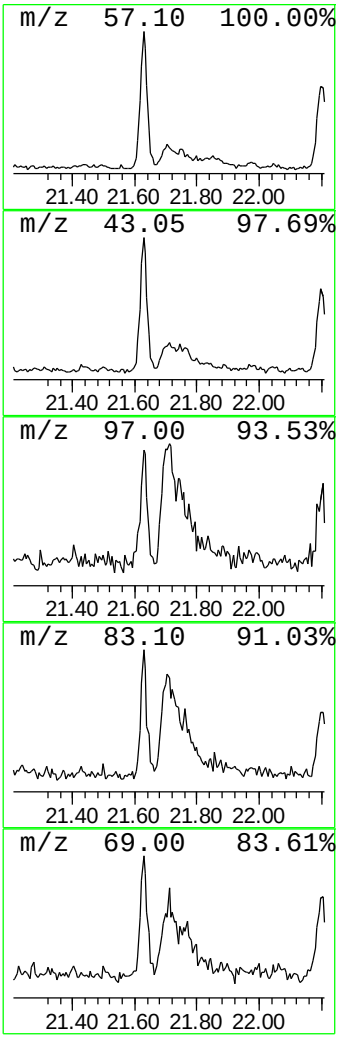
****

Peak Number 10 17-Pentatriacontene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	2.05 ng	64646	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Cyclotetracosane	336	C24H48	000297-03-0	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001282.D
Acq On : 09 Dec 2019 21:15
Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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

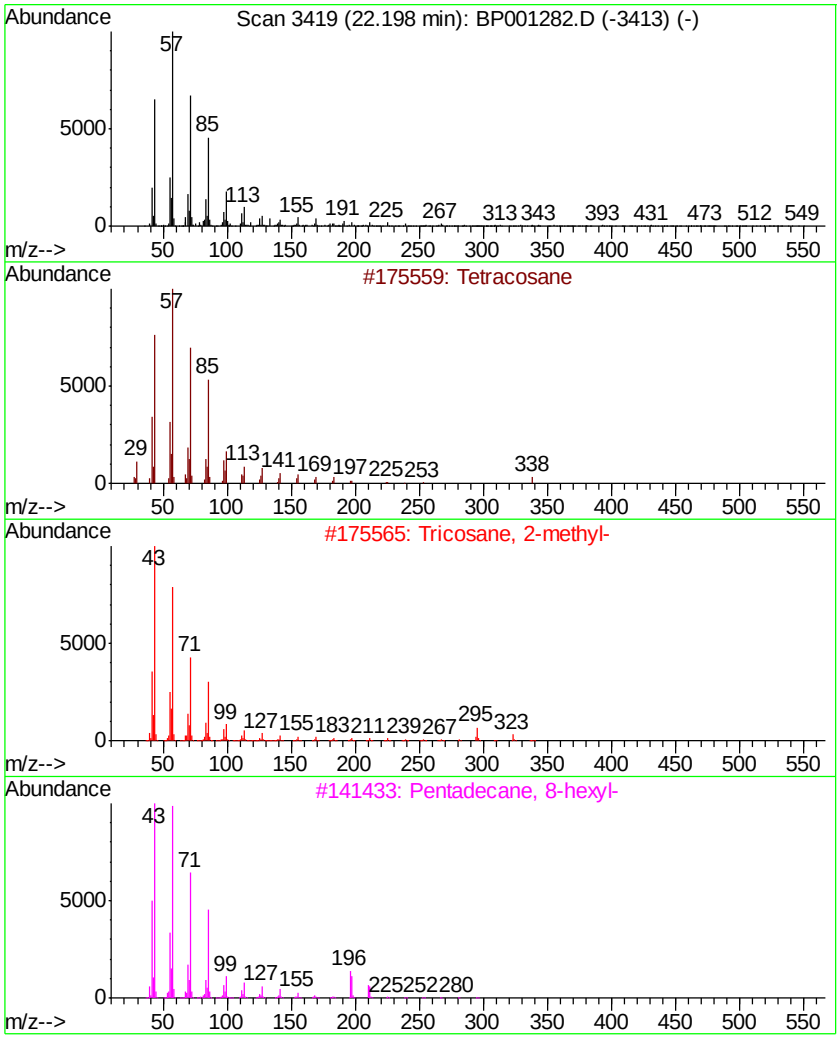
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

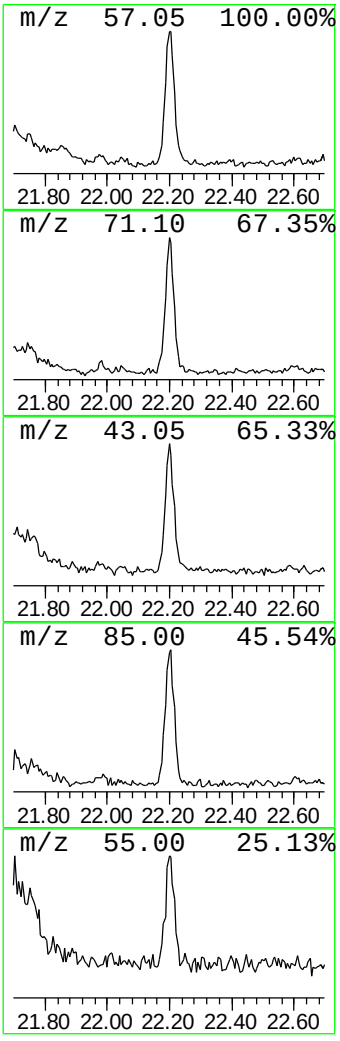
****

Peak Number 11 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.54 ng	111859	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120919\
Data File : BP001282.D
Acq On : 09 Dec 2019 21:15
Operator : JU
Sample : K6177-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-4

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	15.2	ng	325783	1	8.30	428068	20.0
unknown7.95	7.95	75.8	ng	1622160	1	8.30	428068	20.0
Benzenesulfonamid...	14.70	3.0	ng	103687	4	15.60	685944	20.0
1-Nonadecene	19.12	11.3	ng	363000	5	19.24	644694	20.0
Hexacosane	20.30	2.7	ng	84531	6	21.02	631305	20.0
1-Iodo-2-methylun...	20.69	3.7	ng	115379	6	21.02	631305	20.0
Eicosane, 10-methyl-	21.13	4.1	ng	129932	6	21.02	631305	20.0
Octacosane	21.63	4.0	ng	125326	6	21.02	631305	20.0
17-Pentatriacontene	21.71	2.0	ng	64646	6	21.02	631305	20.0
Tetracosane	22.20	3.5	ng	111859	6	21.02	631305	20.0