LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001277.D
Acq On : 09 Dec 2019 18:47
Operator : JU
Sample : K6177-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-6

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	5.628	597	602	616	rVB	349930	595982	15.39%	2.029%
2	6.228	696	704	708	rBV	2067126	2809588	72.54%	9.566%
3	7.763	957	965	975	rBV	2168475	3069838	79.26%	10.452%
4	7.952	990	997	1001	rBV	2382236	2983671	77.04%	10.158%
5	8.305	1052	1057	1065	rBV	422188	504279	13.02%	1.717%
6	8.552	1093	1099	1103	rBV	1957213	2273500	58.70%	7.740%
7	9.193	1200	1208	1212	rBV	1517961	1930260	49.84%	6.572%
8	10.340	1397	1403	1410	rBV	519982	600504	15.51%	2.044%
9	12.122	1698	1706	1710	rBV	2865867	3399841	87.79%	11.575%
10	12.787	1814	1819	1827	rBV	184208	207732	5.36%	0.707%
11	13.204	1883	1890	1899	rBV	559857	707605	18.27%	2.409%
12	14.498	2102	2110	2122	rBV	1901240	2460142	63.52%	8.376%
13	15.598	2289	2297	2308	rBV	660104	750708	19.38%	2.556%
14	16.486	2445	2448	2461	rBV	79419	120390	3.11%	0.410%
15	17.886	2680	2686	2690	rBV	3402442	3872901	100.00%	13.186%
16	19.116	2891	2895	2911	rBV2	247965	577480	14.91%	1.966%
17	19.239	2911	2916	2921	rVB	629448	704253	18.18%	2.398%
18	19.533	2962	2966	2970	rBV	48555	53142	1.37%	0.181%
19	19.922	3028	3032	3035	rBV	72746	85419	2.21%	0.291%
20	20.298	3092	3096	3100	rBV	119018	132293	3.42%	0.450%
21	20.692	3158	3163	3169	rBV	128533	162256	4.19%	0.552%
22	21.016	3212	3218	3225	rVB	492629	674427	17.41%	2.296%
23	21.127	3232	3237	3245	rVB	114353	170855	4.41%	0.582%
24	21.627	3316	3322	3328	rBV	93599	162838	4.20%	0.554%
25	21.710	3329	3336	3356	rVV4	42105	195230	5.04%	0.665%
26	22.198	3413	3419	3431	rVB3	55267	122950	3.17%	0.419%
27	22.868	3528	3533	3542	rVB4	19954	43826	1.13%	0.149%

Sum of corrected areas: 29371910

LSC Report - Integrated Chromatogram

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Acq On : 09 Dec 2019 18:47
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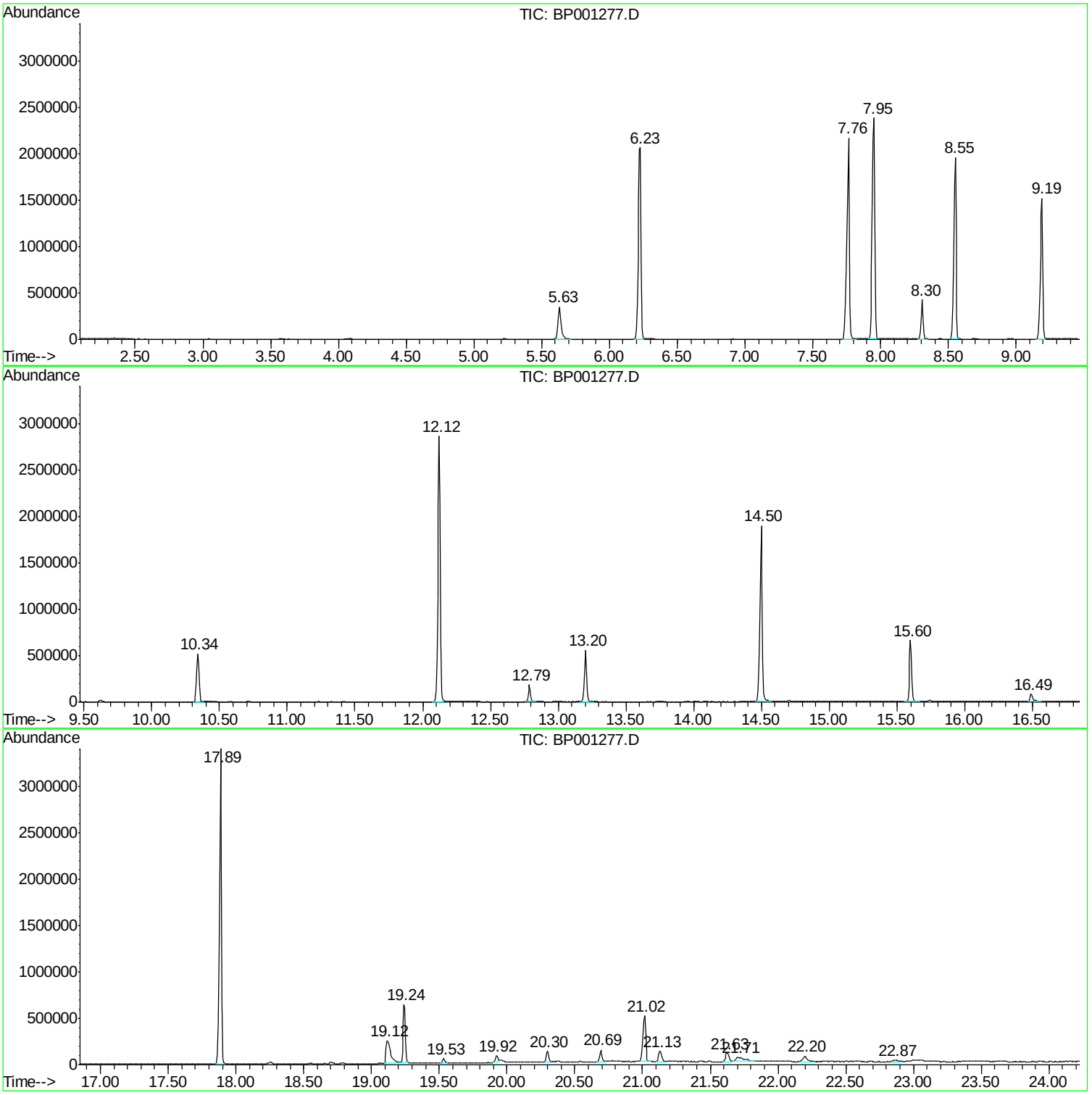
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-6

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

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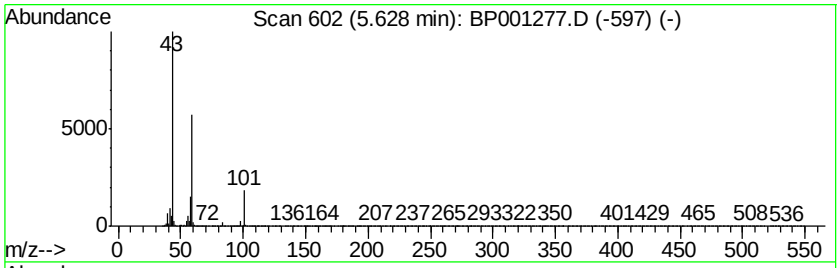
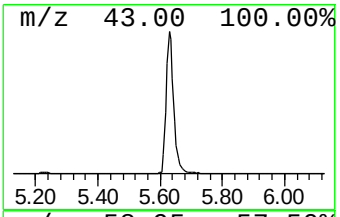
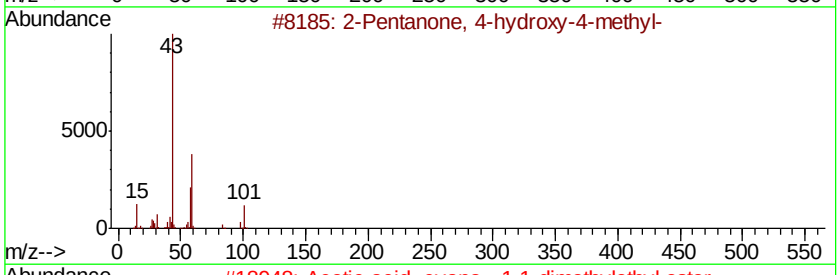
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

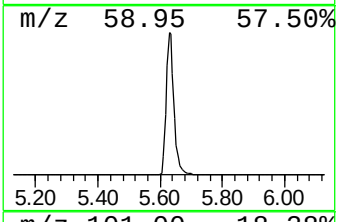
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	23.64 ng	595982	1,4-Dichlorobenzene-d4	8.31

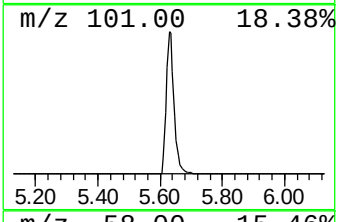
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9

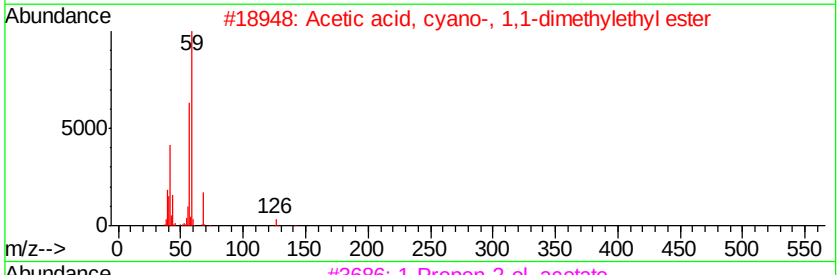


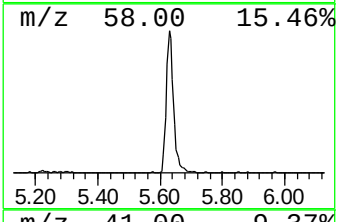


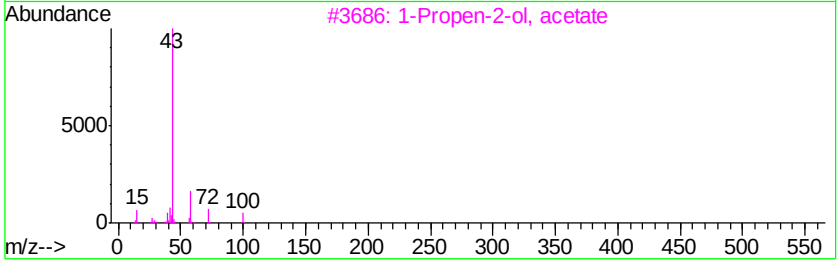


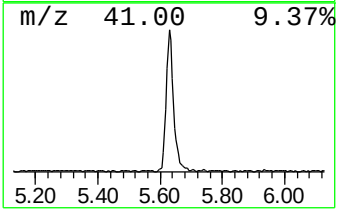












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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-6

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

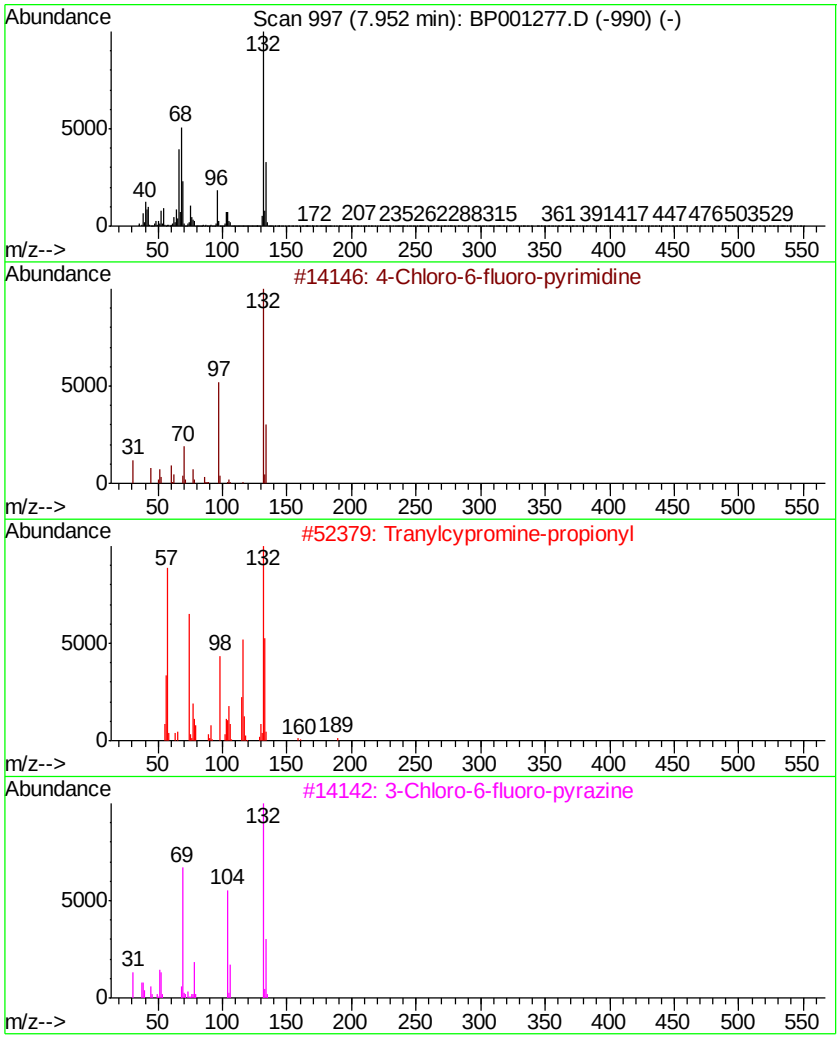
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

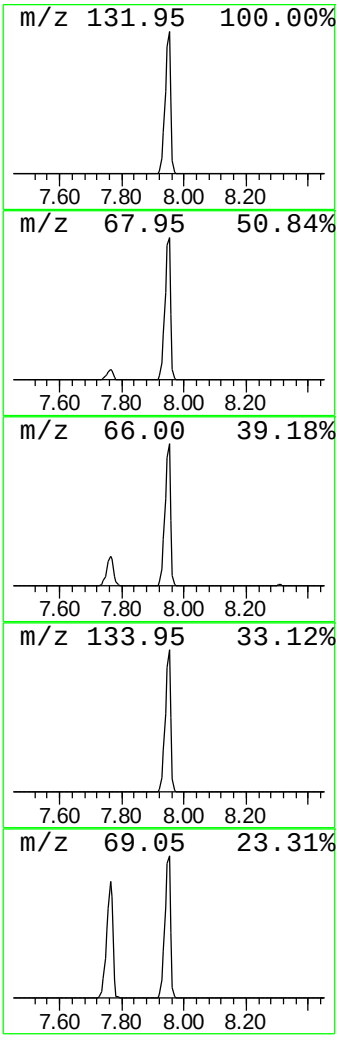
****

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	118.33 ng	2983670	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : EP-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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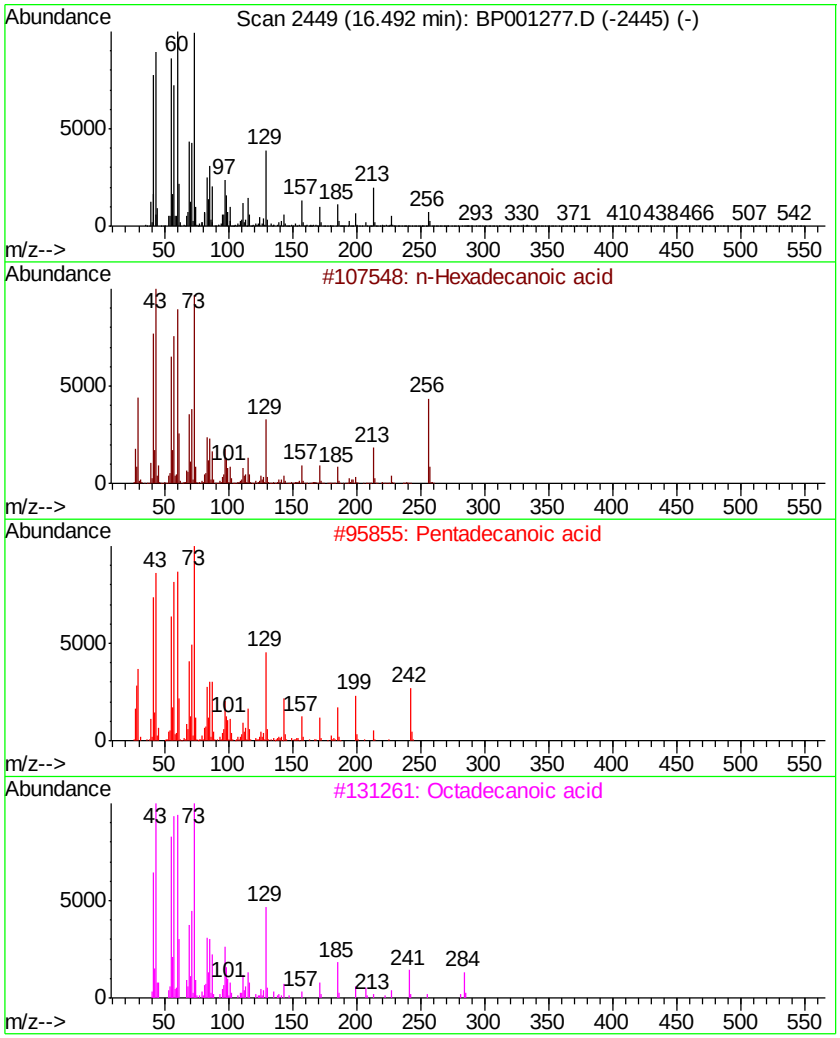
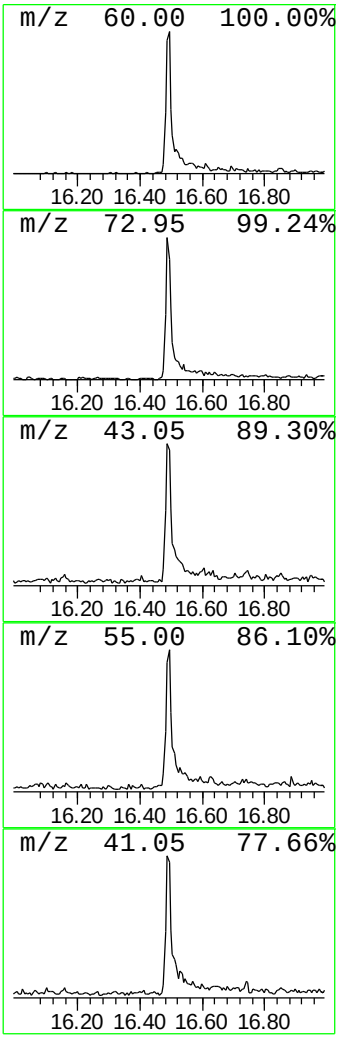
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.21 ng	120390	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Library Search Compound Report

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Sample : K6177-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-6

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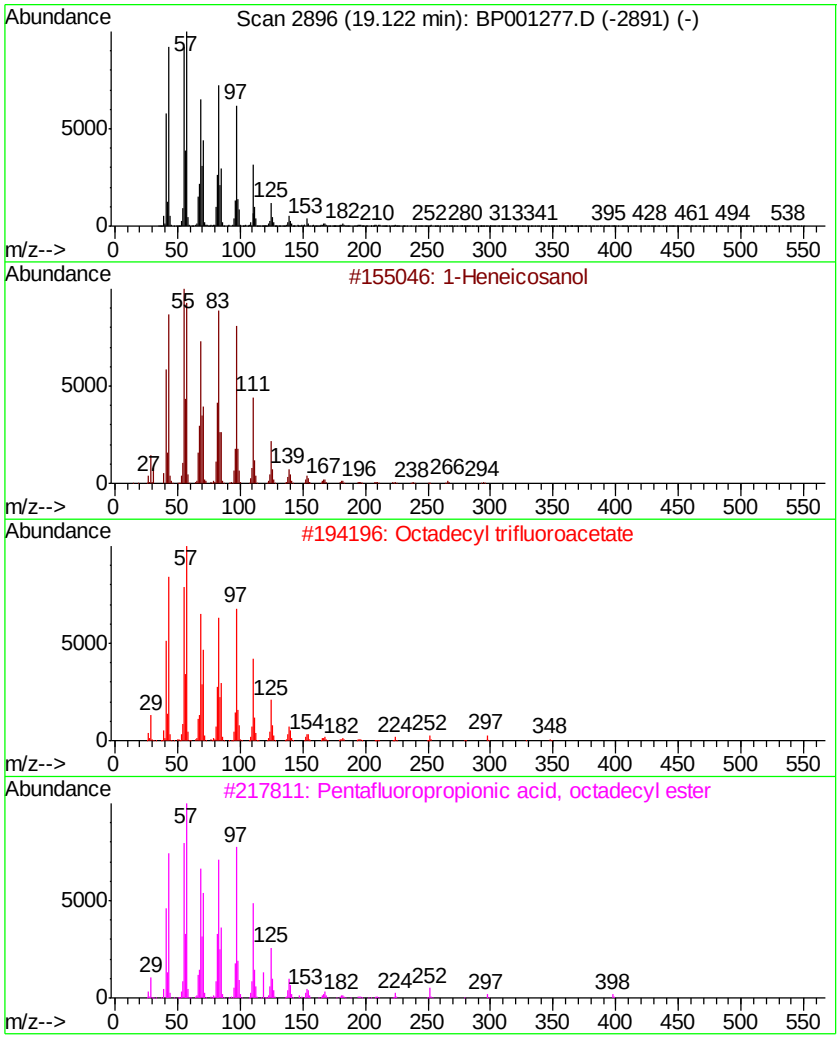
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

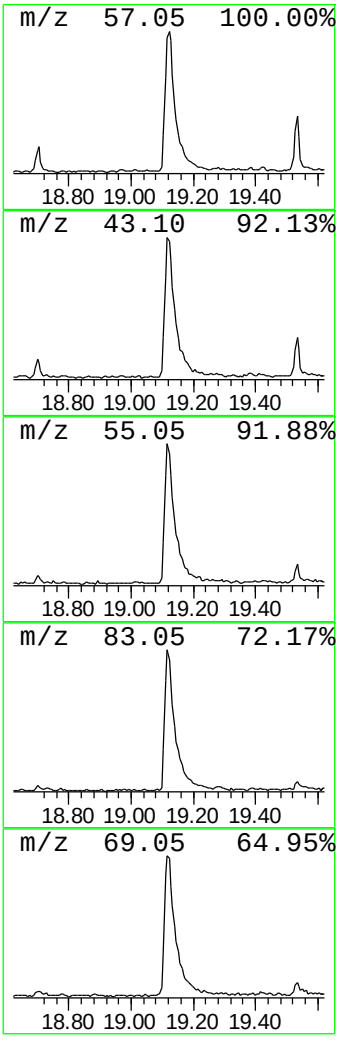
****

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	16.40 ng	577480	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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TIC Library : C:\DATABASE\NIST11.L
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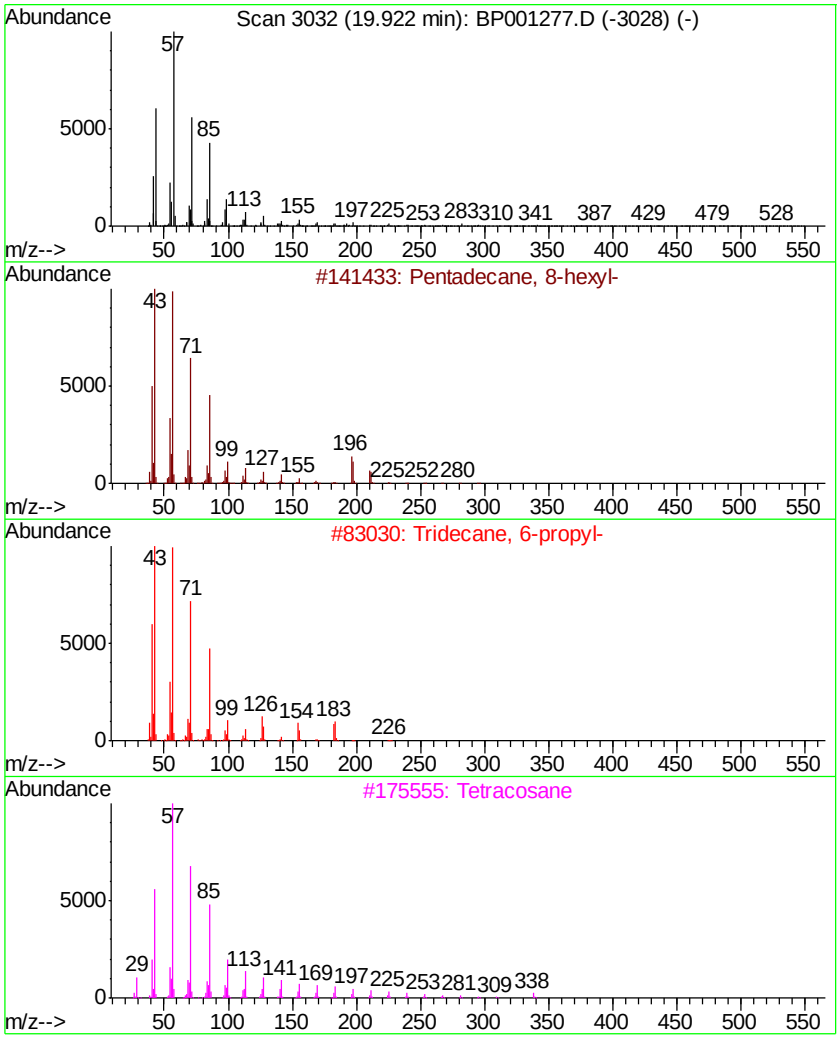
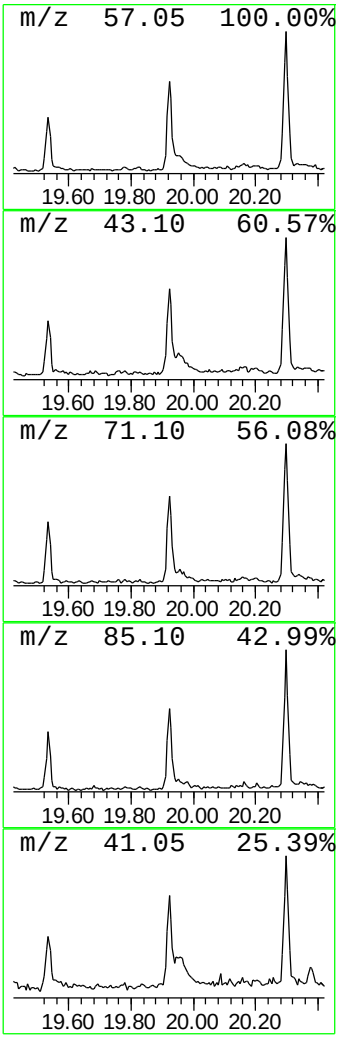
****

Peak Number 6 Pentadecane, 8-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.43 ng	85419	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80





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TIC Library : C:\DATABASE\NIST11.L
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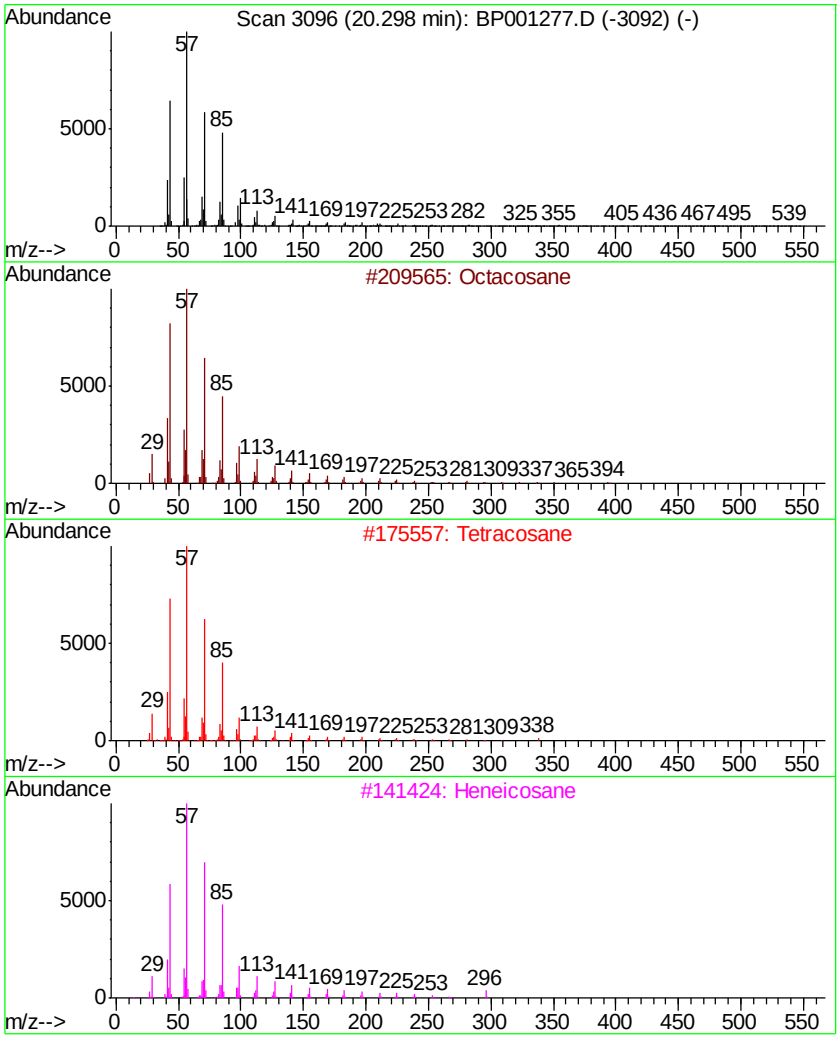
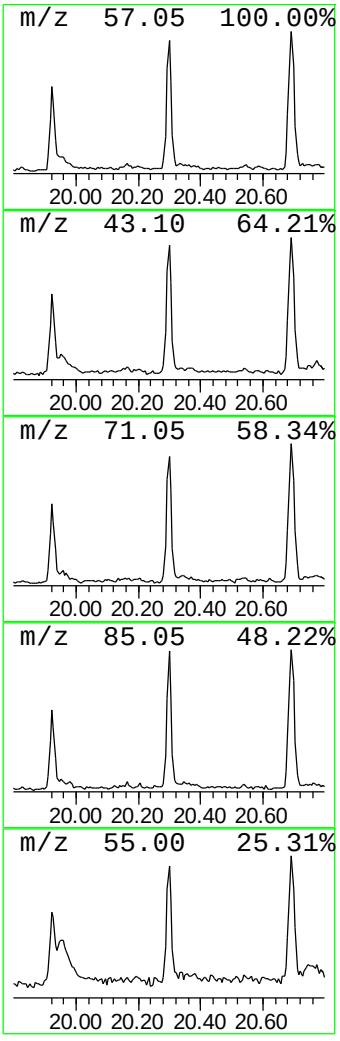
****

Peak Number 7 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	3.92 ng	132293	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Tetracosane	338	C24H50	000646-31-1	94
3	Heneicosane	296	C21H44	000629-94-7	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	92





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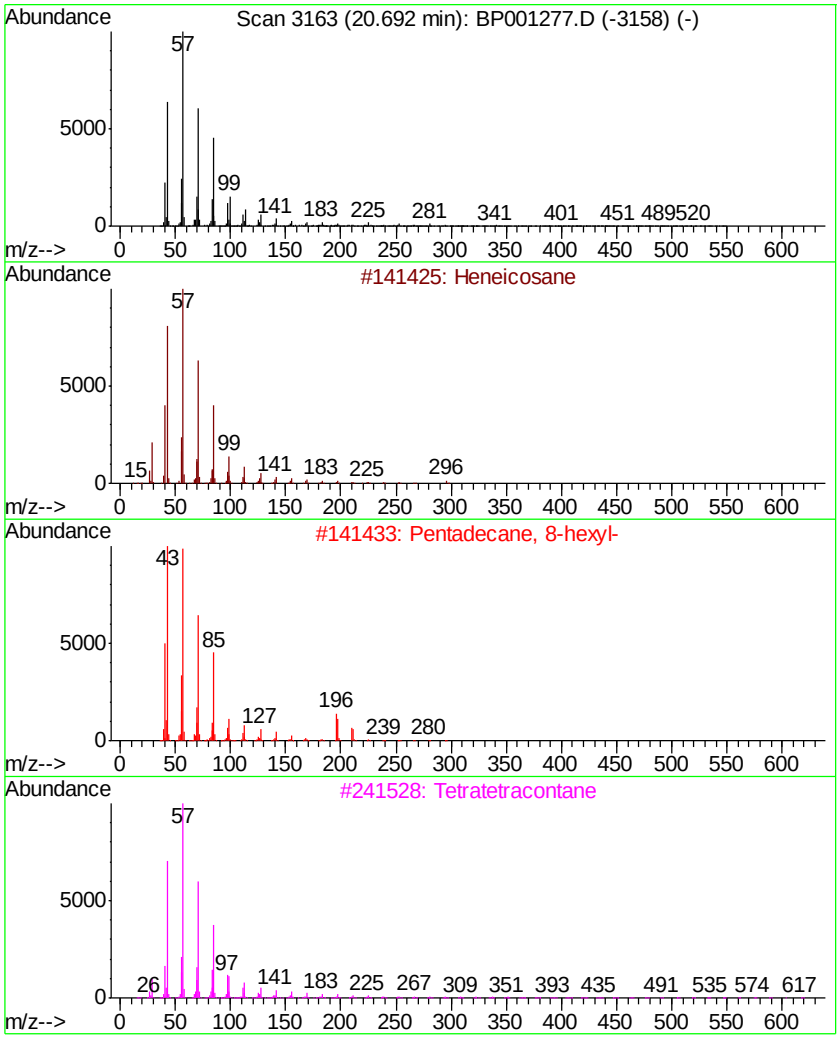
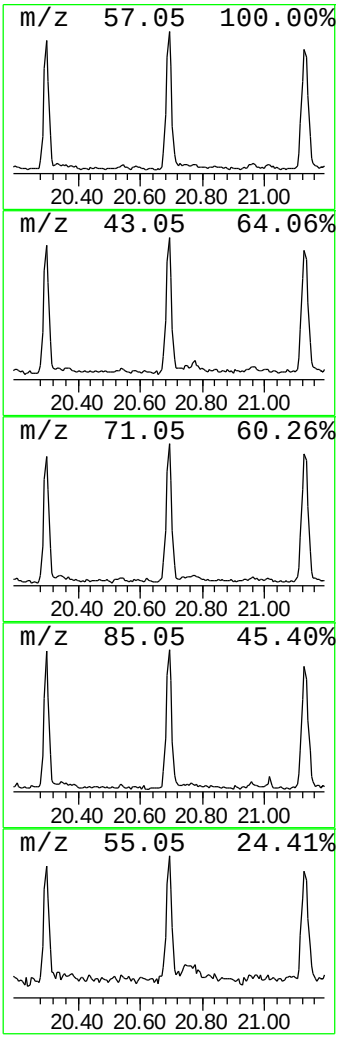
Peak Number 8 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	4.81 ng	162256	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	95
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Instrument : BNA_P
ClientSampleId : EP-6

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

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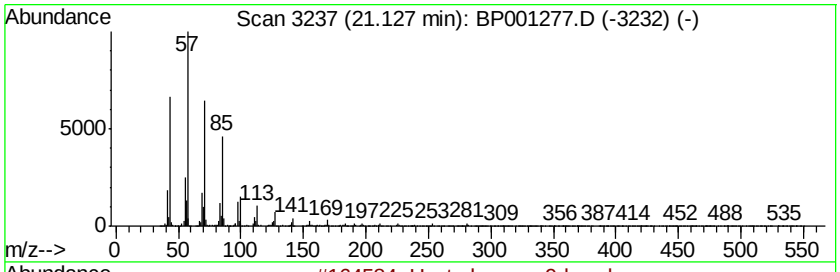
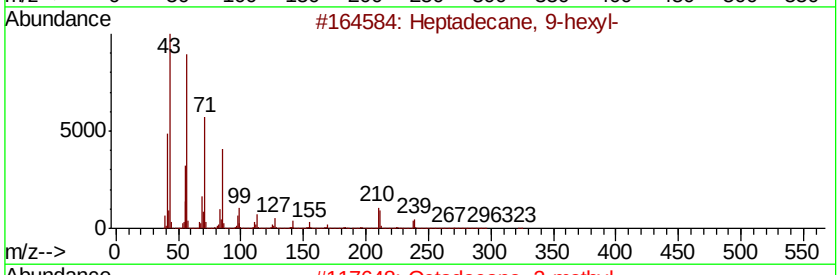
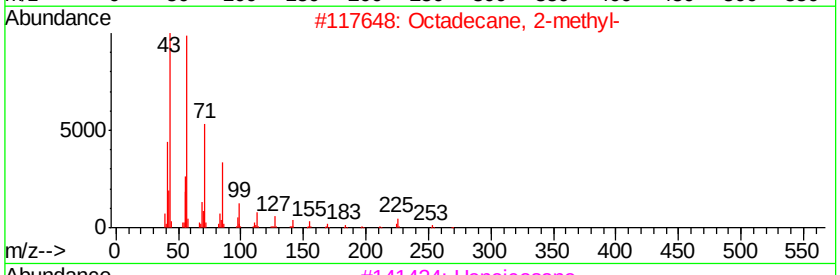
Peak Number 9 Heptadecane, 9-hexyl- Concentration Rank 6

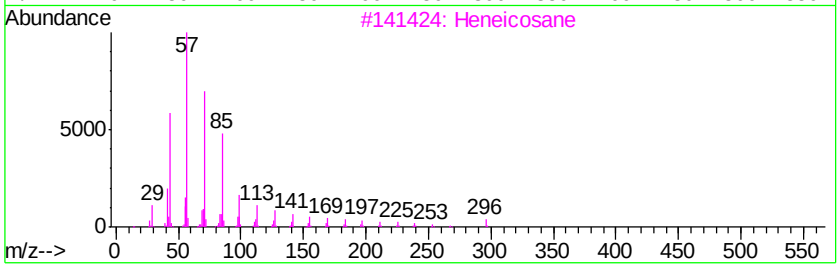
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	5.07 ng	170855	Perylene-d12	21.02

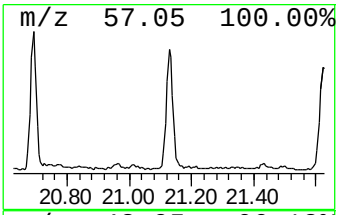
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Heneicosane	296	C21H44	000629-94-7	92
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91

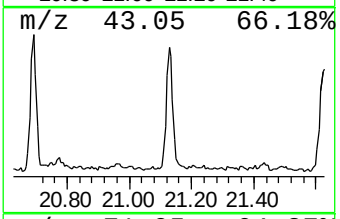


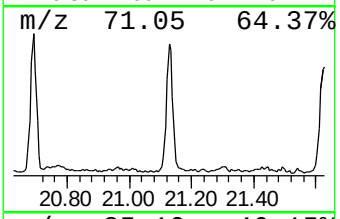


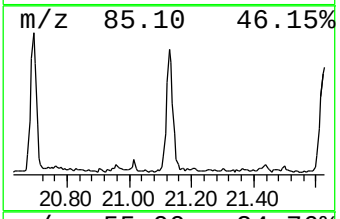


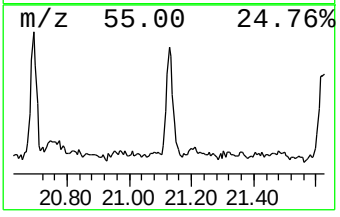












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001277.D
Acq On : 09 Dec 2019 18:47
Operator : JU
Sample : K6177-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-6

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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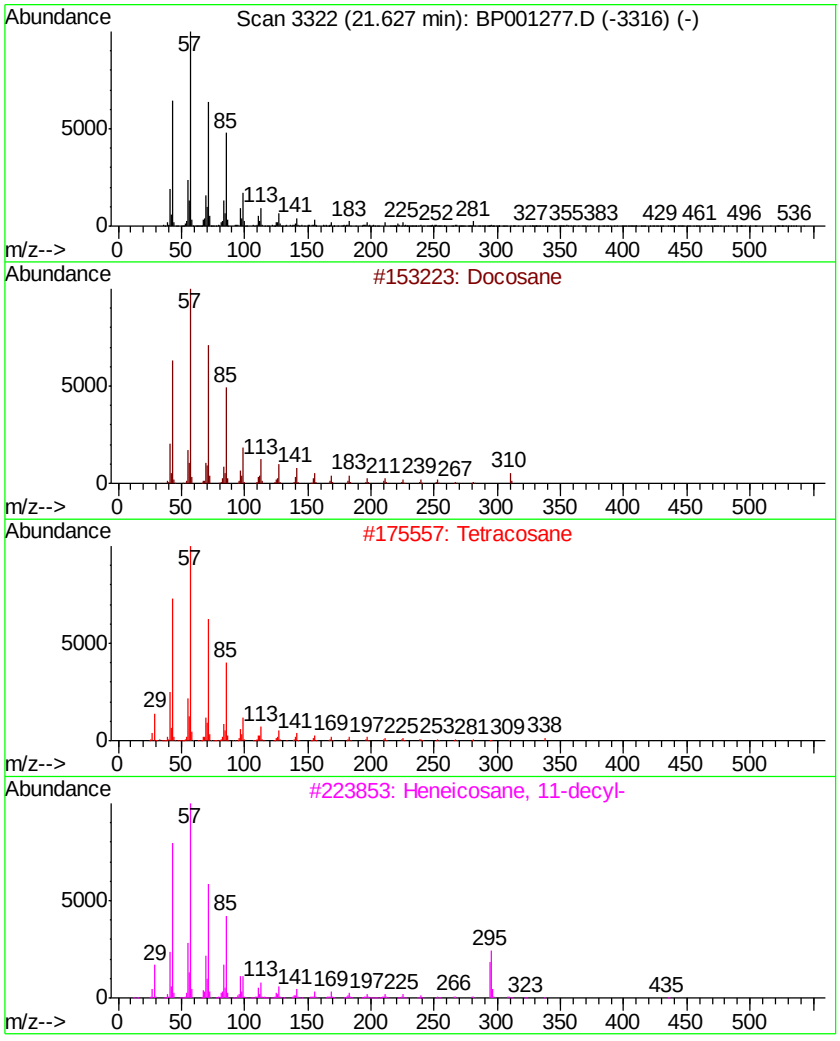
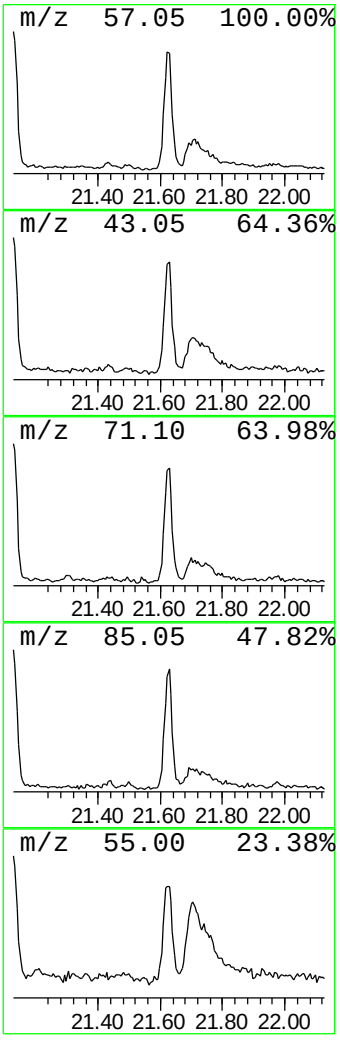
Peak Number 10 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	4.83 ng	162838	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001277.D
Acq On : 09 Dec 2019 18:47
Operator : JU
Sample : K6177-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-6

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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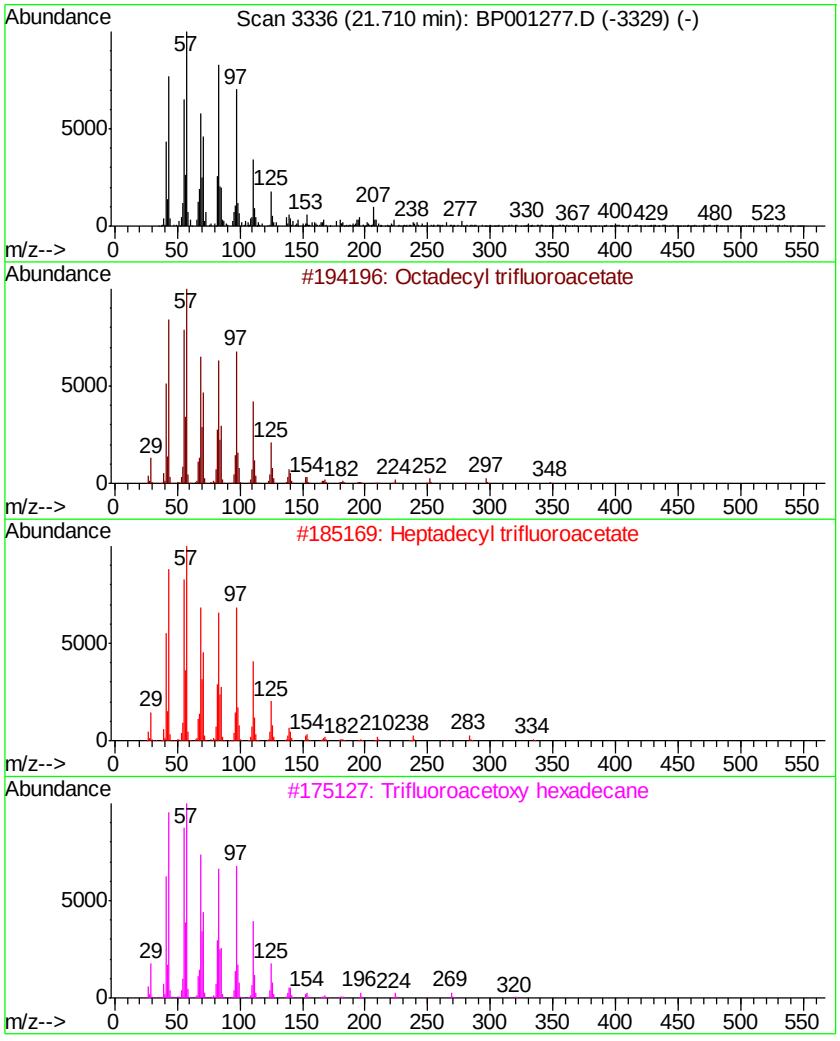
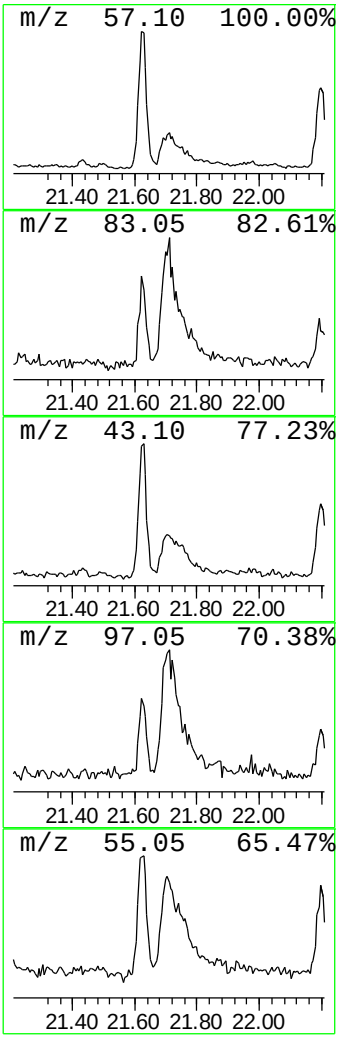
Peak Number 11 Octadecyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	5.79 ng	195230	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	70
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	70
5	1-Heneicosanol	312	C21H44O	015594-90-8	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001277.D
Acq On : 09 Dec 2019 18:47
Operator : JU
Sample : K6177-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-6

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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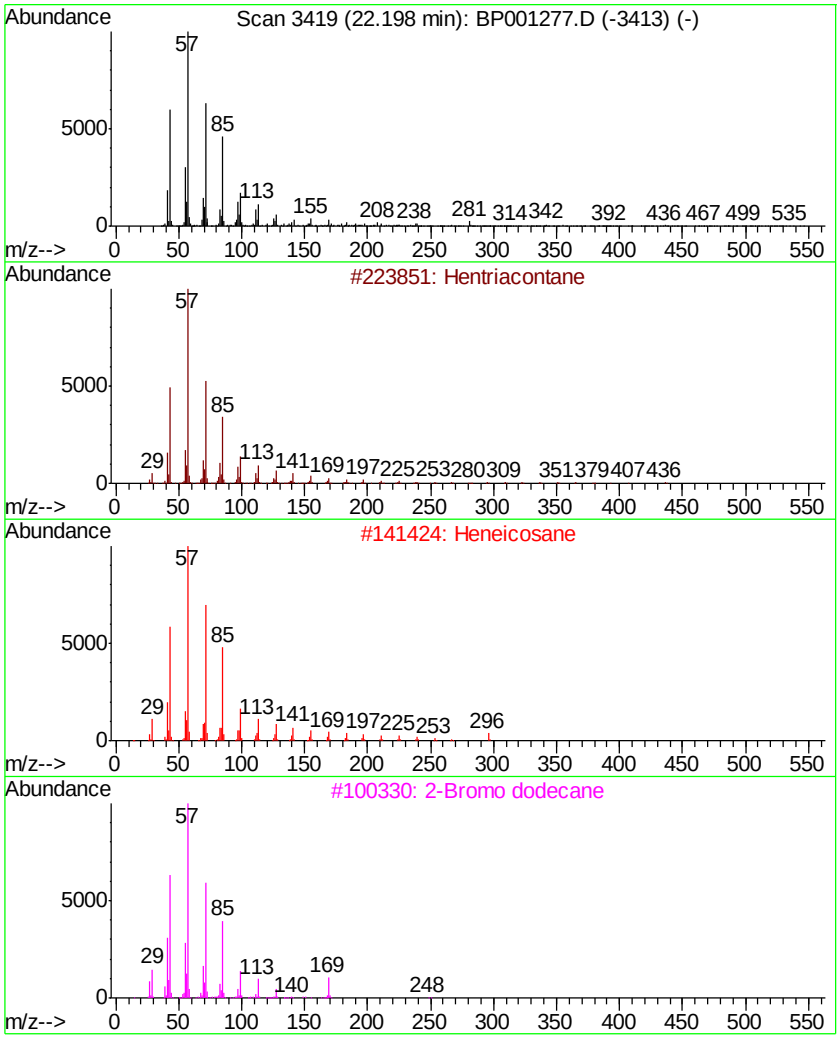
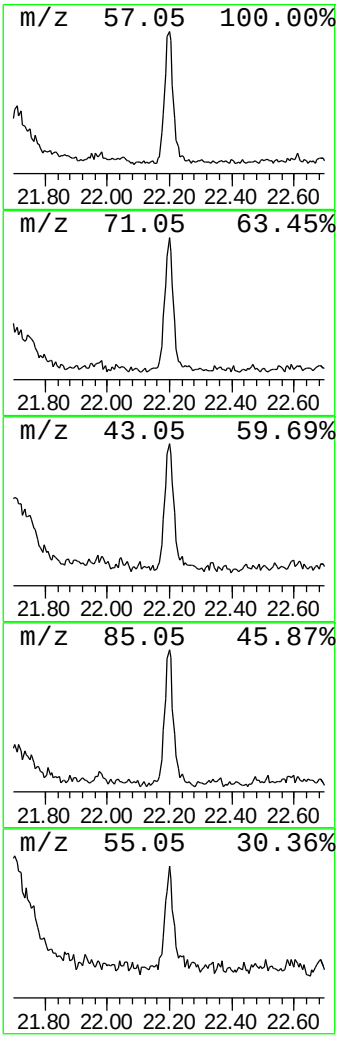
Peak Number 12 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.65 ng	122950	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	93
2	Heneicosane	296	C21H44	000629-94-7	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120919\
Data File : BP001277.D
Acq On : 09 Dec 2019 18:47
Operator : JU
Sample : K6177-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-6

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...	5.63	23.6	ng	595982	1	8.31	504279	20.0
unknown7.95	7.95	118.3	ng	2983670	1	8.31	504279	20.0
n-Hexadecanoic acid	16.49	3.2	ng	120390	4	15.60	750708	20.0
1-Heneicosanol	19.12	16.4	ng	577480	5	19.24	704253	20.0
Pentadecane, 8-he...	19.92	2.4	ng	85419	5	19.24	704253	20.0
Octacosane	20.30	3.9	ng	132293	6	21.02	674427	20.0
Tetratetracontane	20.69	4.8	ng	162256	6	21.02	674427	20.0
Heptadecane, 9-he...	21.13	5.1	ng	170855	6	21.02	674427	20.0
Docosane	21.63	4.8	ng	162838	6	21.02	674427	20.0
Octadecyl trifluo...	21.71	5.8	ng	195230	6	21.02	674427	20.0
Hentriacontane	22.20	3.6	ng	122950	6	21.02	674427	20.0