LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001492.D
Acq On : 28 Dec 2019 23:31
Operator : JU
Sample : K6439-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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	4.728	444	449	459	rBV2	9285	15880	1.18%	0.178%
2	5.587	590	595	606	rVB	98507	161616	11.99%	1.813%
3	6.199	692	699	709	rBV	602885	791337	58.70%	8.878%
4	7.740	954	961	983	rBV	625251	880562	65.32%	9.879%
5	7.916	985	991	1002	rVV	725629	893092	66.25%	10.020%
6	8.269	1046	1051	1060	rVB	129867	156054	11.58%	1.751%
7	8.516	1086	1093	1097	rBV	590015	688994	51.11%	7.730%
8	9.158	1195	1202	1214	rBV	415282	548645	40.70%	6.155%
9	10.305	1392	1397	1410	rBV	138331	182116	13.51%	2.043%
10	12.093	1693	1701	1720	rBV	883528	1089018	80.78%	12.218%
11	12.763	1809	1815	1827	rBV	43438	59962	4.45%	0.673%
12	13.175	1878	1885	1901	rBV	174654	226987	16.84%	2.547%
13	14.475	2099	2106	2128	rBV	628879	834563	61.91%	9.363%
14	15.581	2288	2294	2306	rBV	196796	254745	18.90%	2.858%
15	16.481	2442	2447	2455	rBV2	34146	47075	3.49%	0.528%
16	17.875	2678	2684	2688	rBV	1236574	1348064	100.00%	15.124%
17	19.233	2900	2915	2922	rBV	203444	316774	23.50%	3.554%
18	20.257	3085	3089	3093	rBV	25307	33787	2.51%	0.379%
19	20.298	3093	3096	3100	rVB	13133	15712	1.17%	0.176%
20	20.692	3159	3163	3170	rVB	19654	29046	2.15%	0.326%
21	21.004	3210	3216	3223	rVB	151234	213389	15.83%	2.394%
22	21.139	3233	3239	3248	rVB2	19248	36000	2.67%	0.404%
23	21.645	3318	3325	3335	rBV2	18324	39690	2.94%	0.445%
24	22.222	3417	3423	3431	rBV2	11975	28223	2.09%	0.317%
25	22.898	3531	3538	3546	rVB6	8551	21877	1.62%	0.245%

Sum of corrected areas: 8913208

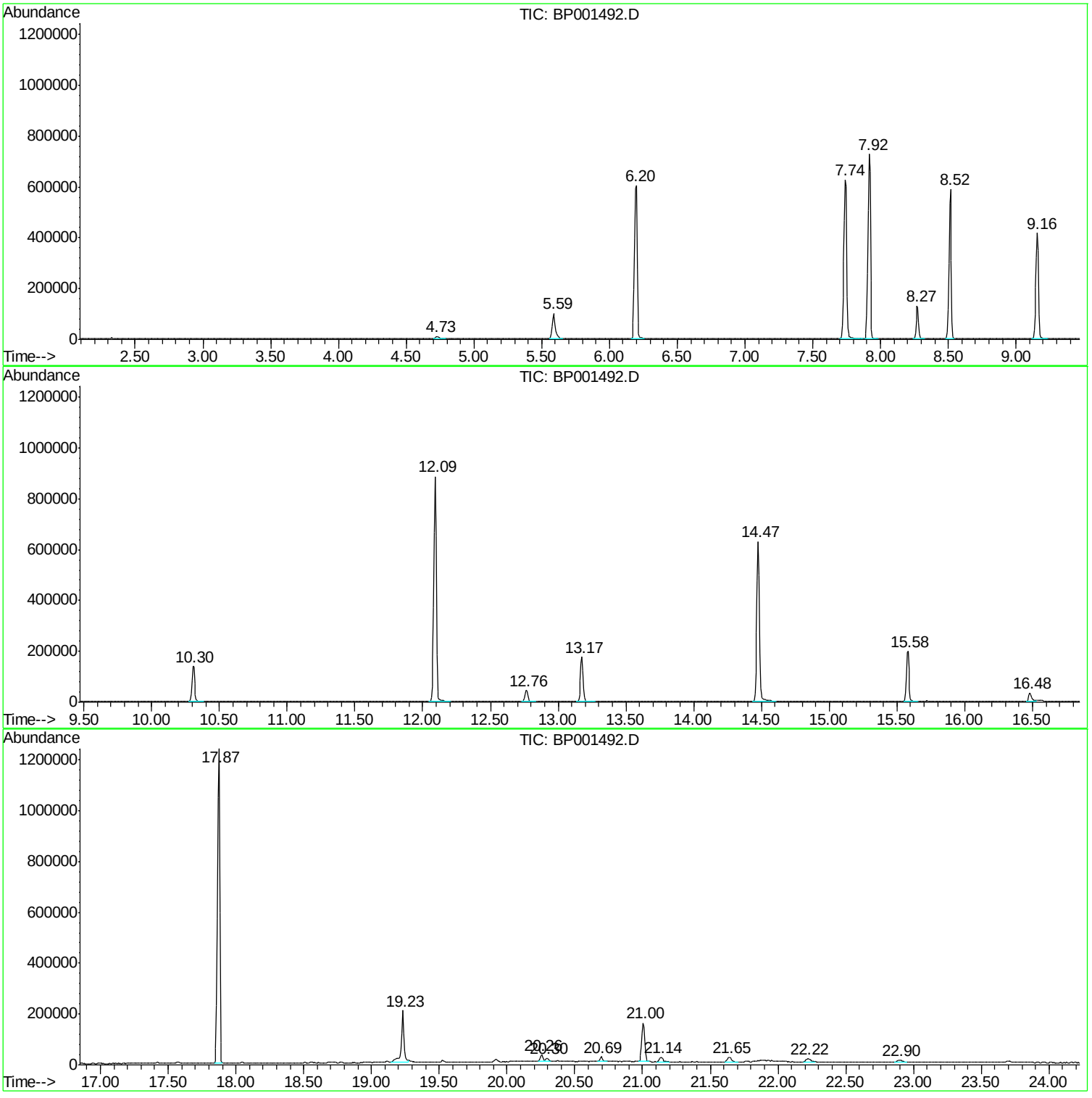
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001492.D
Acq On : 28 Dec 2019 23:31
Operator : JU
Sample : K6439-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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

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Data File : BP001492.D
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Operator : JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
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TIC Integration Parameters: LSCINT.P

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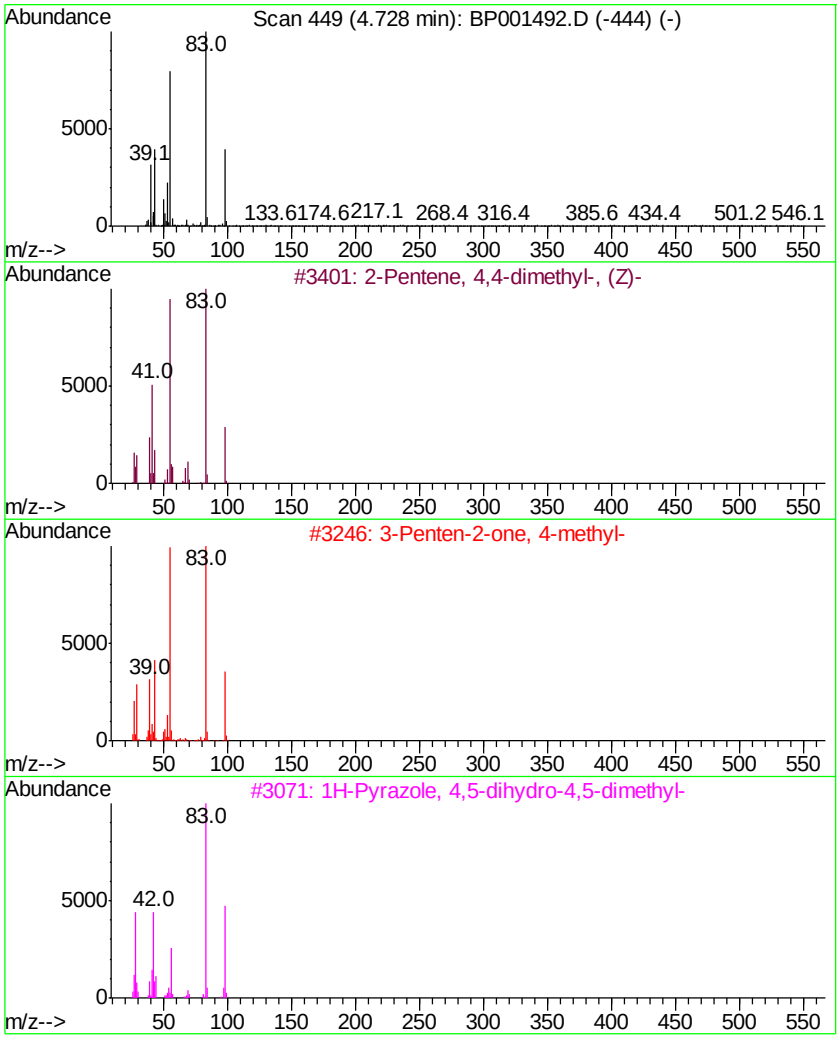
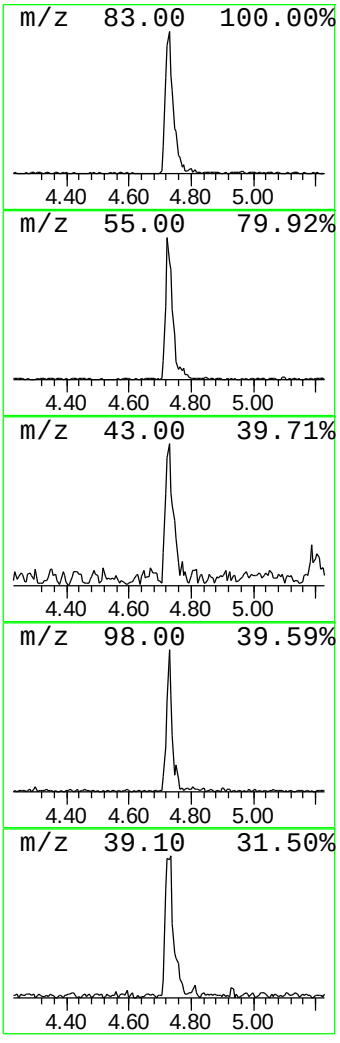
Peak Number 1 2-Pentene, 4,4-dimethyl-, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	2.04 ng	15880	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	80
3	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	80
4	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	80
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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

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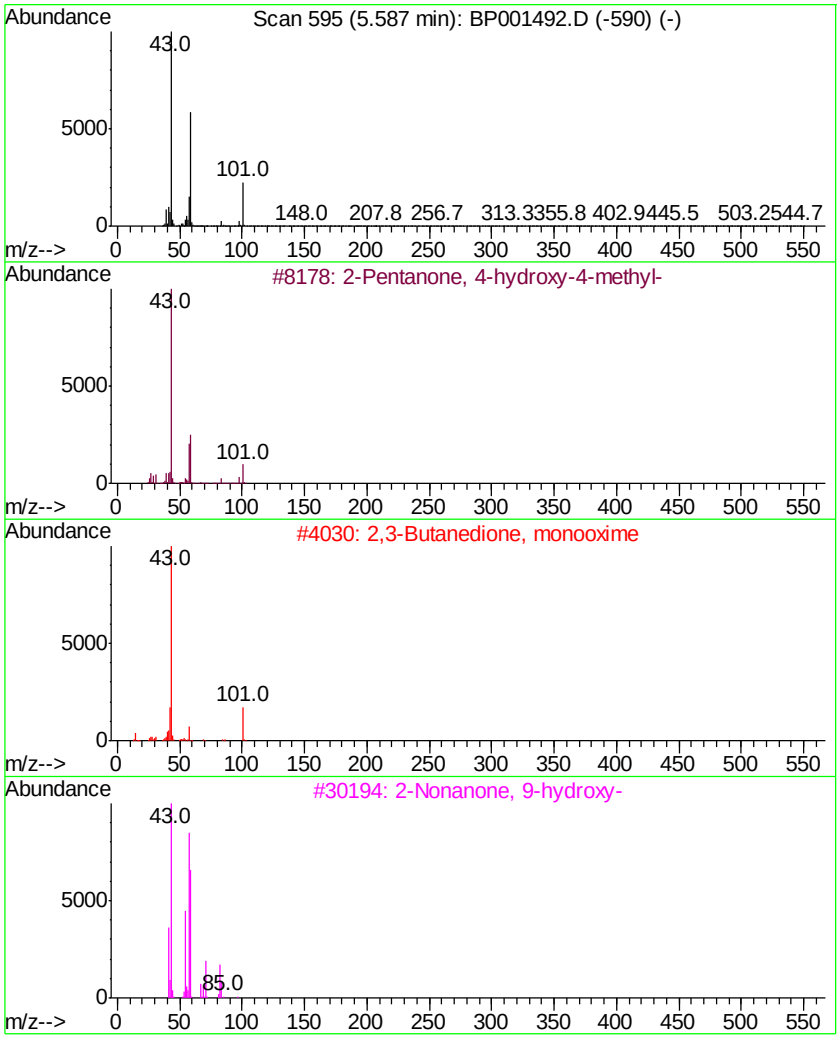
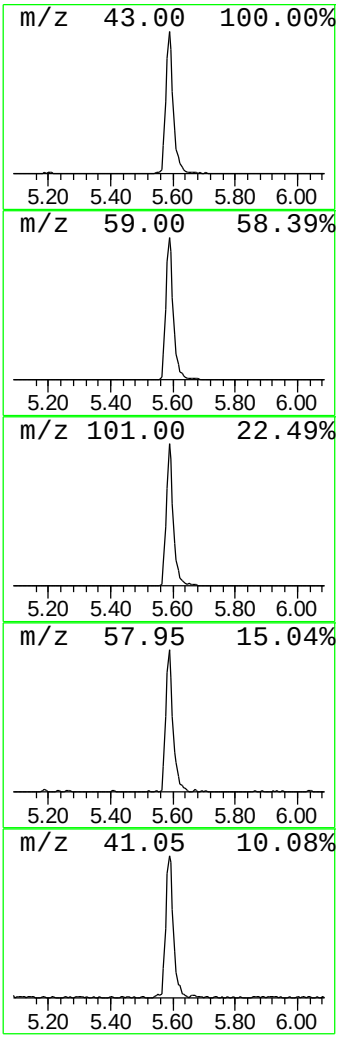
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	20.71 ng	161616	1,4-Dichlorobenzene-d4	8.27

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	35
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001492.D
Acq On : 28 Dec 2019 23:31
Operator : JU
Sample : K6439-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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

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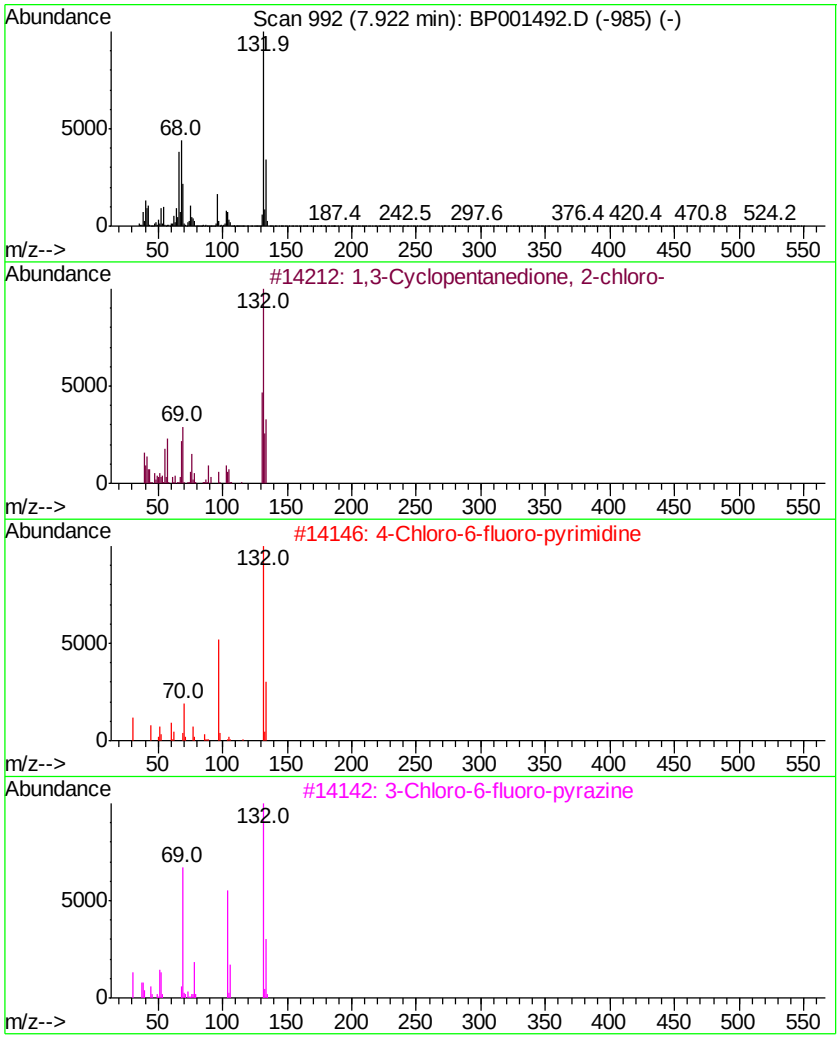
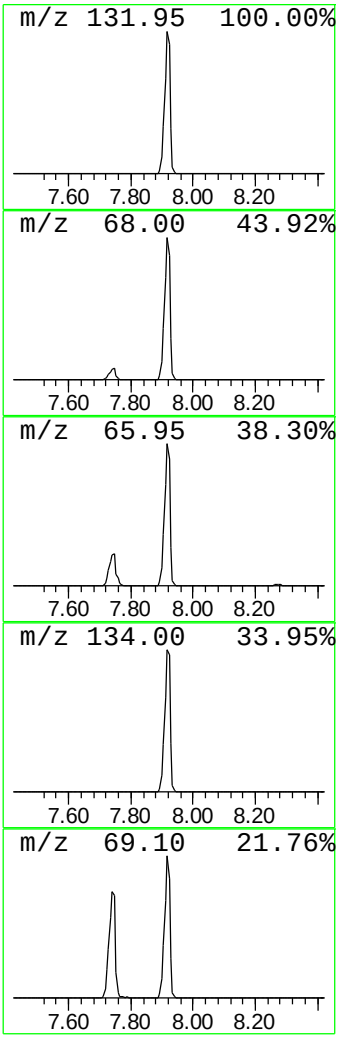
Peak Number 3 unknown7.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	114.46 ng	893092	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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
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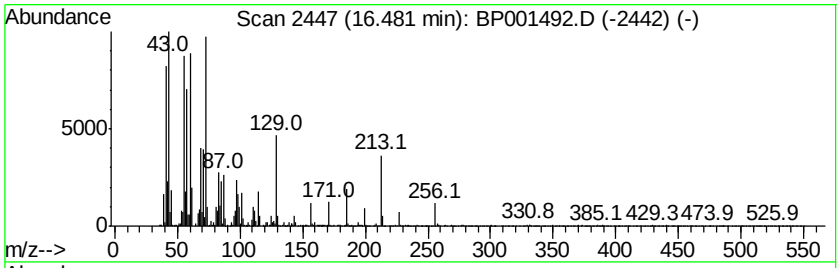
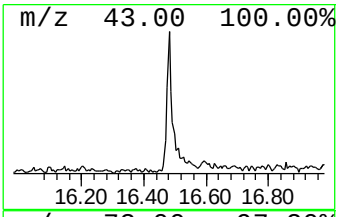
****

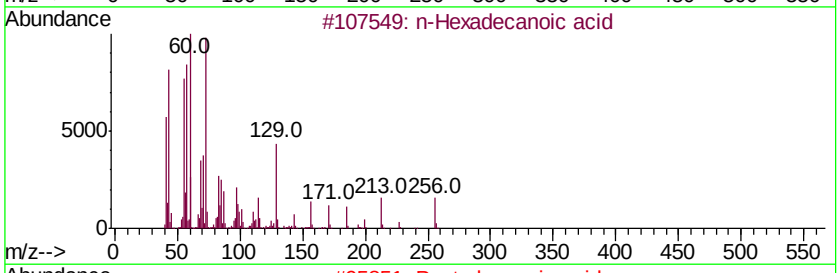
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

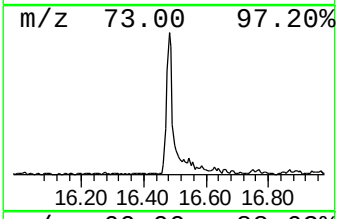
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	3.70 ng	47075	Phenanthrene-d10	15.58

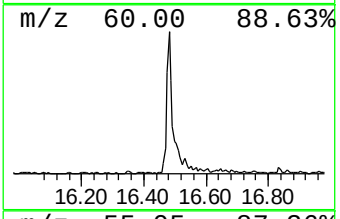
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76

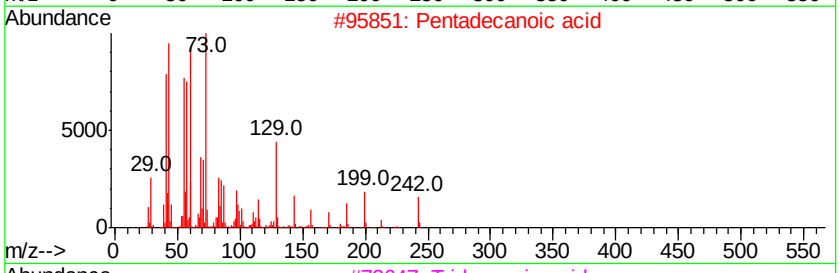


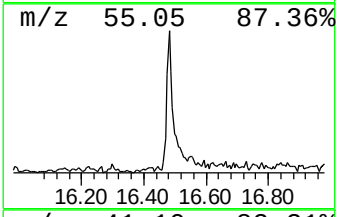


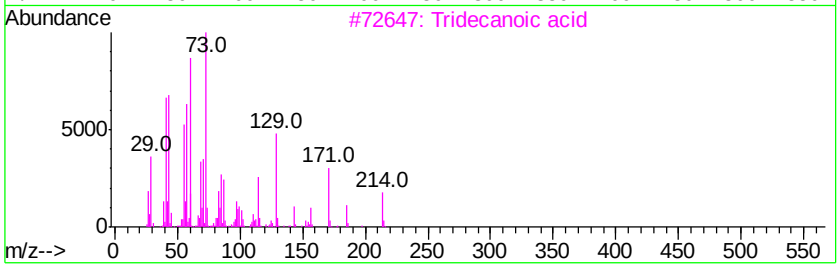


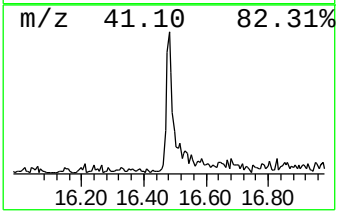












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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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

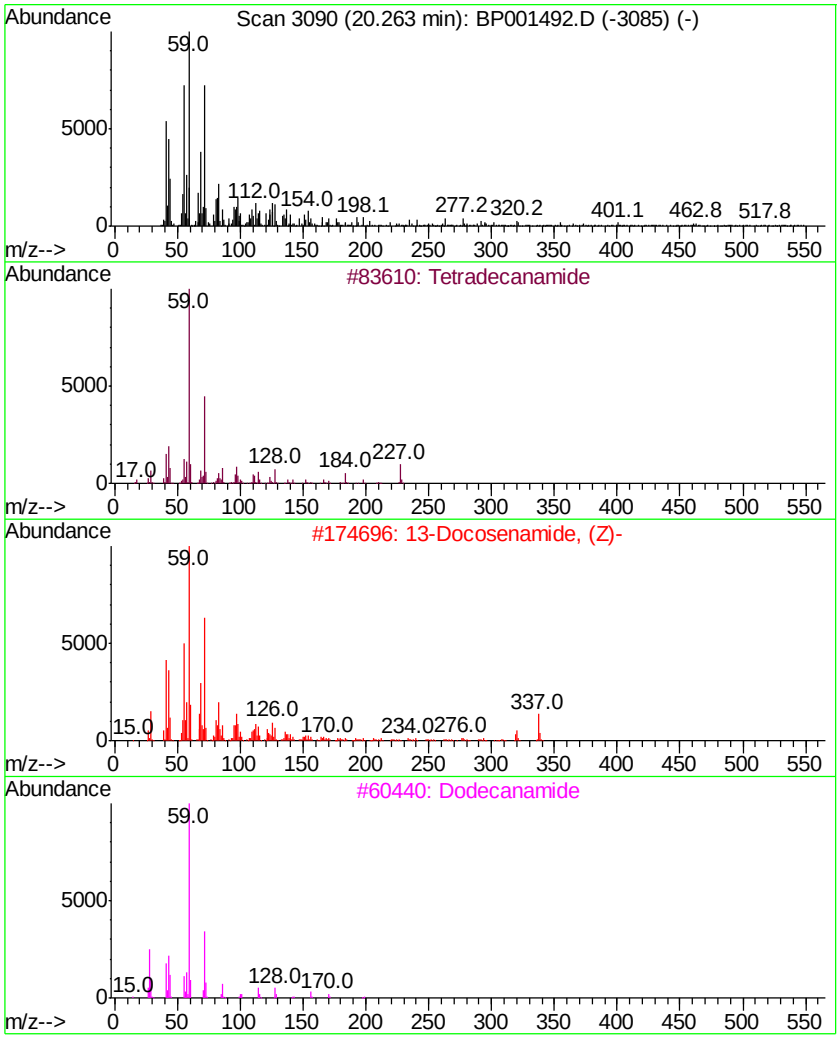
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

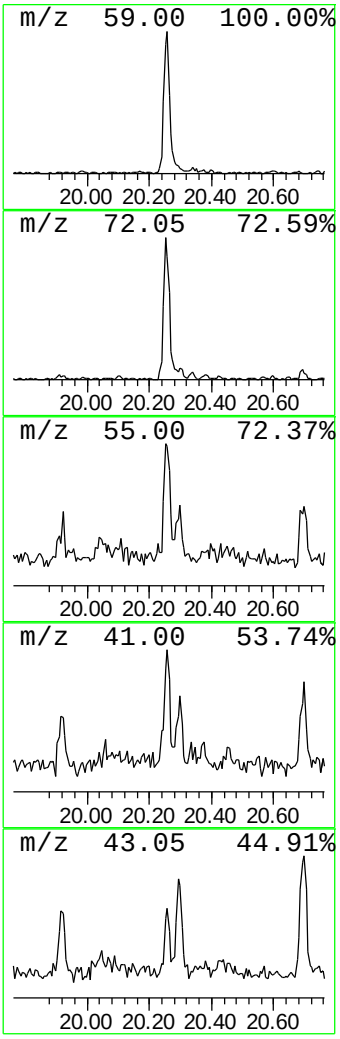
****

Peak Number 6 Tetradecanamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.17 ng	33787	Perylene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	80
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
3	Dodecanamide	199	C12H25NO	001120-16-7	68
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
5	Octadecanamide	283	C18H37NO	000124-26-5	59





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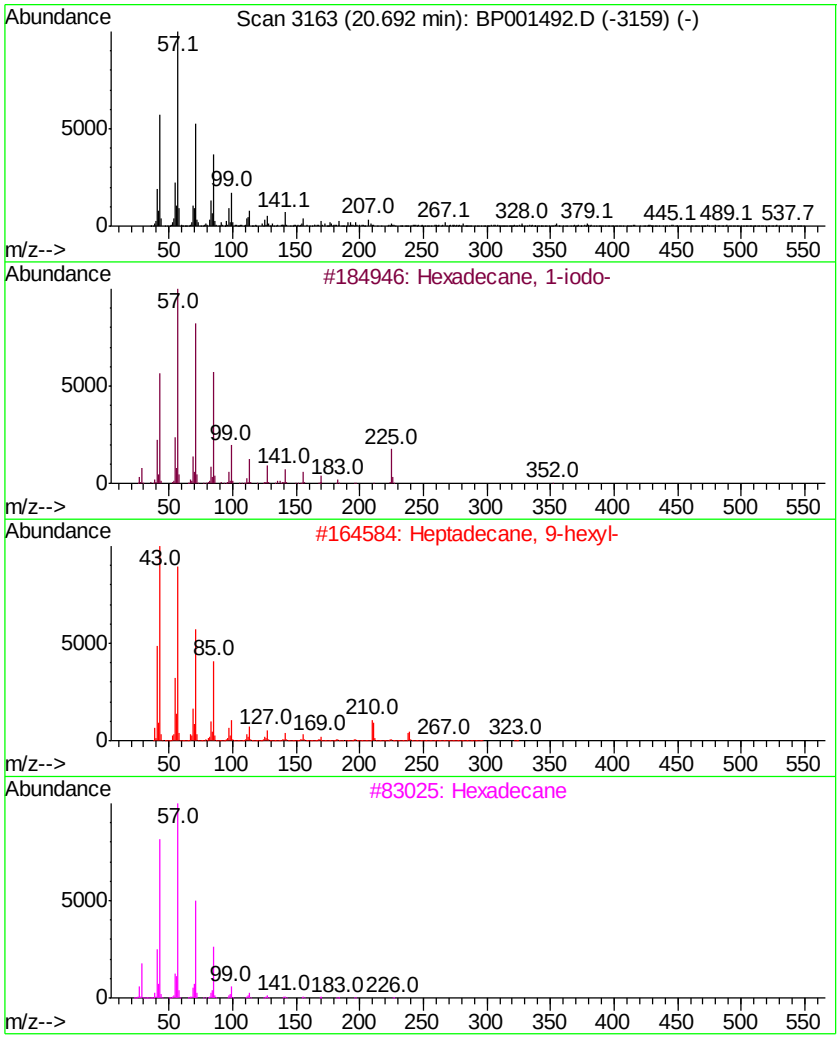
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

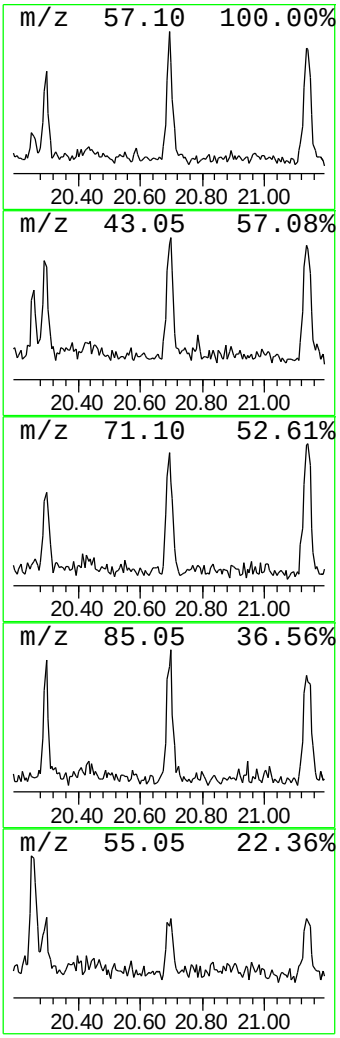
****

Peak Number 7 Hexadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.72 ng	29046	Perylene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	89
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87





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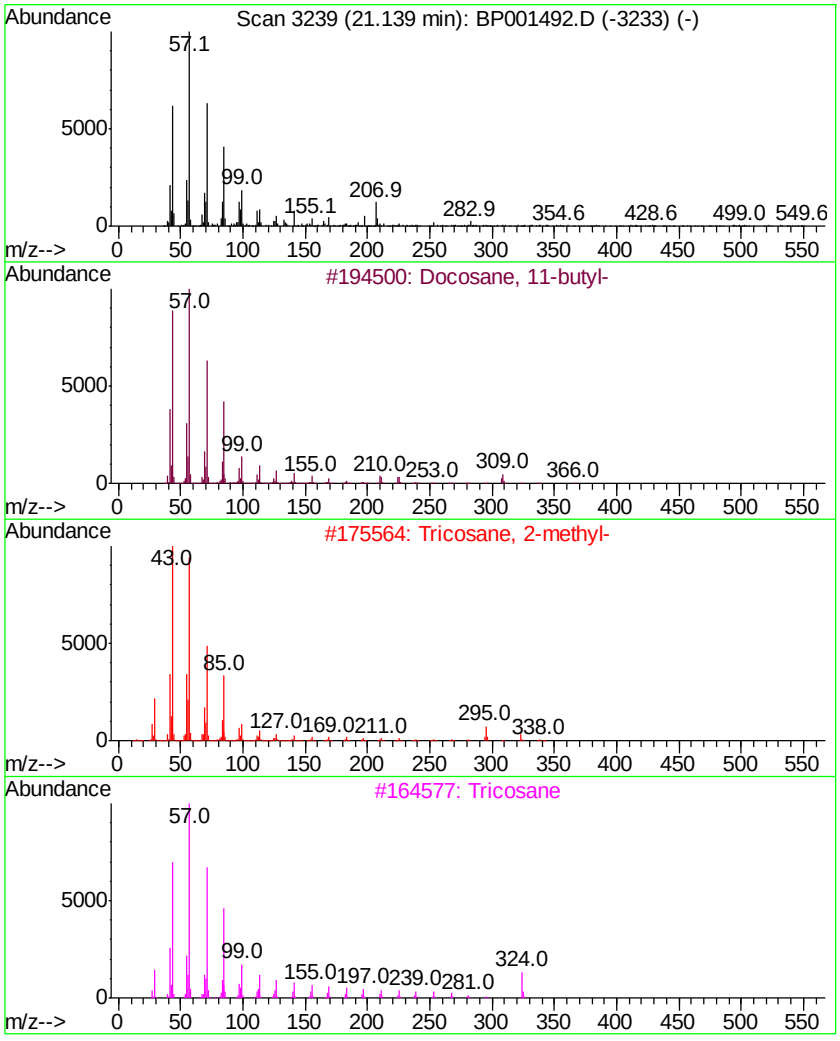
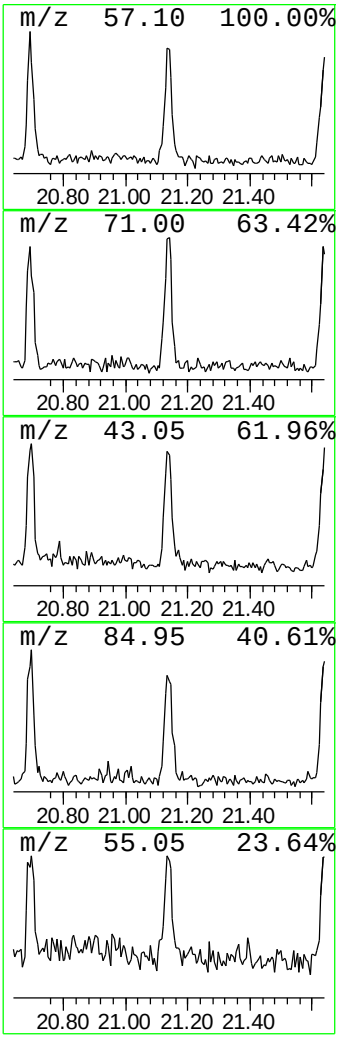
****

Peak Number 8 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.37 ng	36000	Perylene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	89
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
3	Tricosane	324	C23H48	000638-67-5	76
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	76
5	Behenyl chloride	344	C22H45Cl	042217-03-8	76





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Data File : BP001492.D
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Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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

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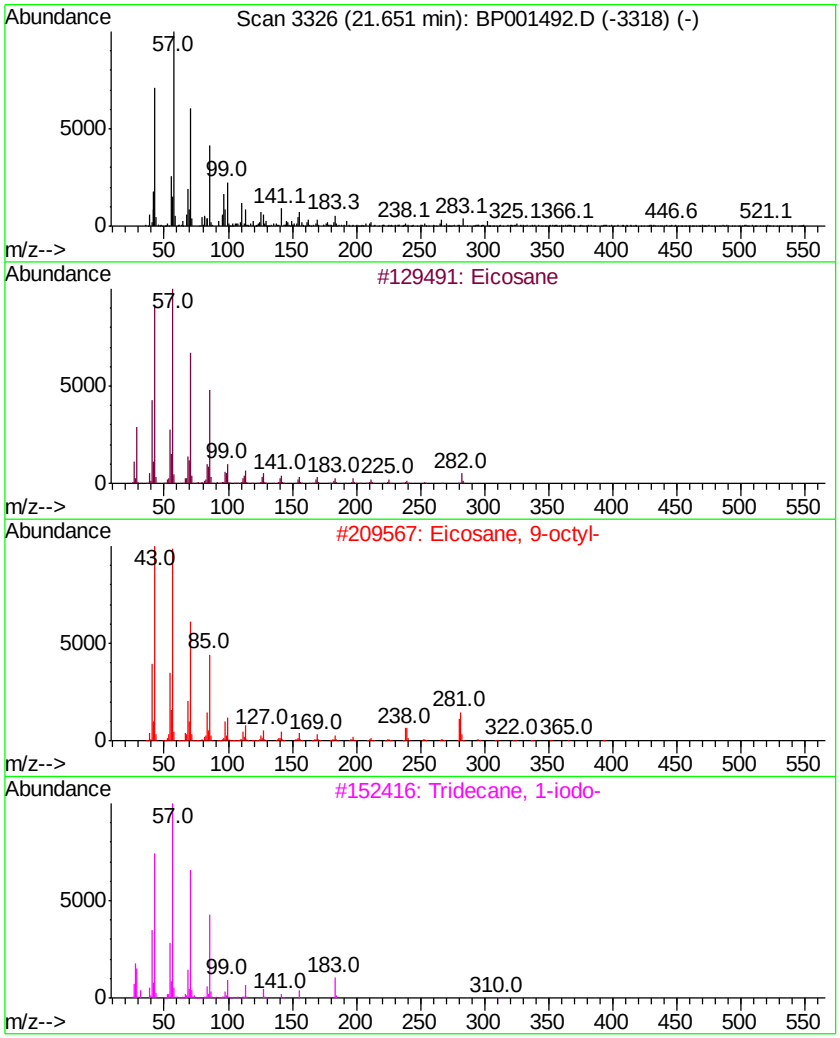
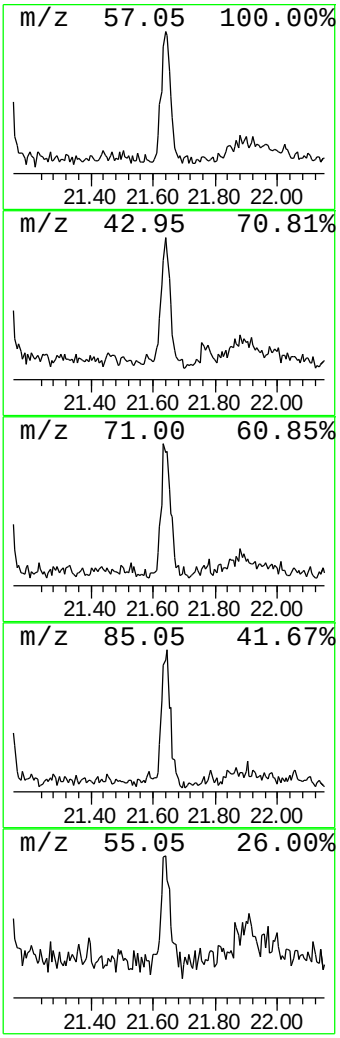
Peak Number 9 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	3.72 ng	39690	Perylene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
5	Heneicosane, 5-methyl-	310	C22H46	025117-37-7	70





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Operator : JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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

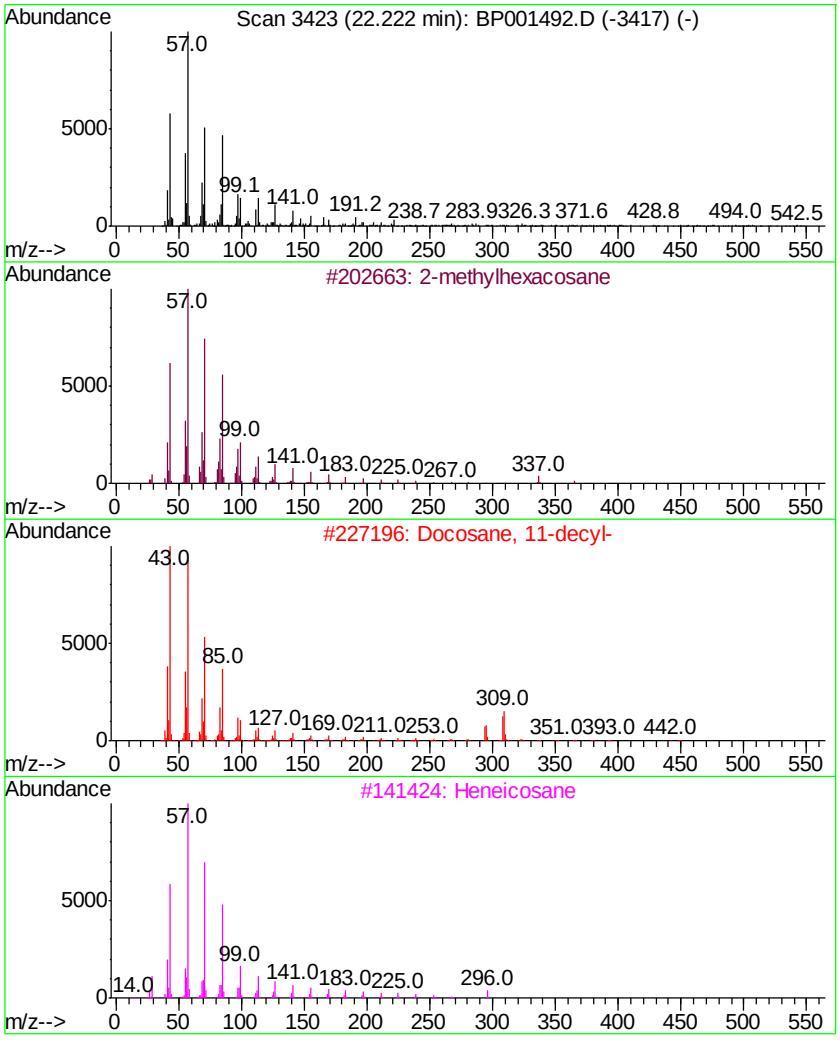
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

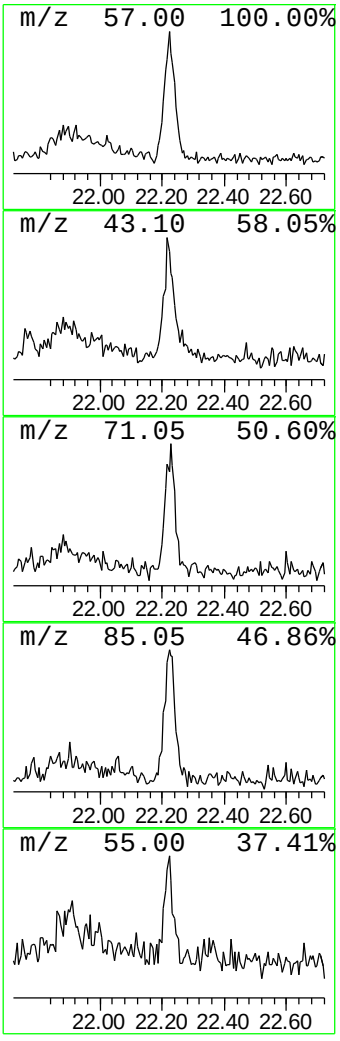
****

Peak Number 10 2-methylhexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.65 ng	28223	Perylene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methylhexacosane	380	C27H56	1000376-72-7	83
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	80
3	Heneicosane	296	C21H44	000629-94-7	80
4	Triacontane	422	C30H62	000638-68-6	80
5	Docosane	310	C22H46	000629-97-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001492.D
Acq On : 28 Dec 2019 23:31
Operator : JU
Sample : K6439-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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

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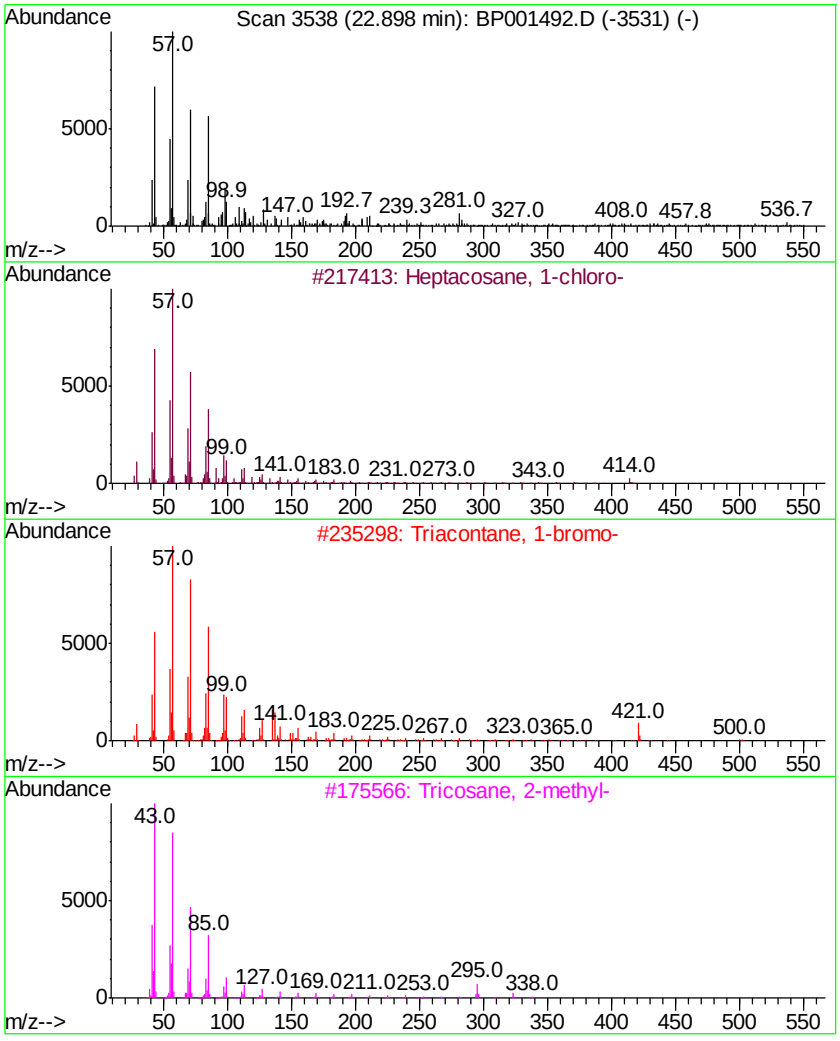
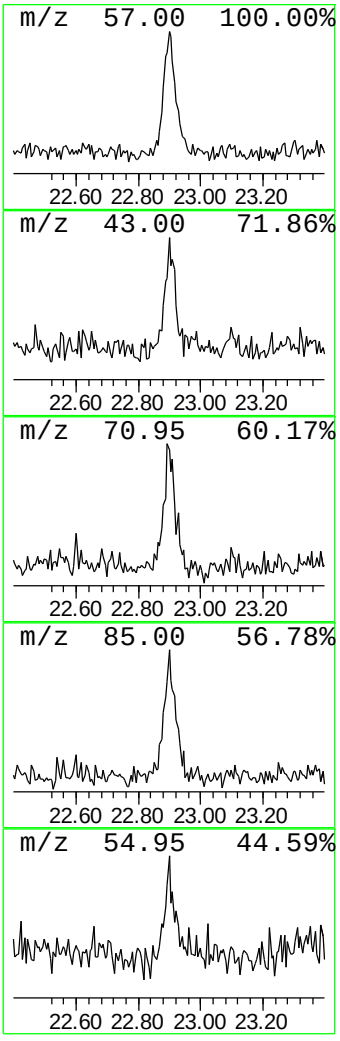
Peak Number 11 Heptacosane, 1-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	2.05 ng	21877	Perylene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
2	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	80
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	70
4	Triacontane	422	C30H62	000638-68-6	70
5	Eicosane	282	C20H42	000112-95-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122819\
Data File : BP001492.D
Acq On : 28 Dec 2019 23:31
Operator : JU
Sample : K6439-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF006-01

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-Pentene, 4,4-di...	4.73	2.0	ng	15880	1	8.27	156054	20.0
2-Pentanone, 4-hy...	5.59	20.7	ng	161616	1	8.27	156054	20.0
unknown7.92	7.92	114.5	ng	893092	1	8.27	156054	20.0
n-Hexadecanoic acid	16.48	3.7	ng	47075	4	15.58	254745	20.0
Tetradecanamide	20.26	3.2	ng	33787	6	21.00	213389	20.0
Hexadecane, 1-iodo-	20.69	2.7	ng	29046	6	21.00	213389	20.0
Docosane, 11-butyl-	21.14	3.4	ng	36000	6	21.00	213389	20.0
Eicosane	21.65	3.7	ng	39690	6	21.00	213389	20.0
2-methylhexacosane	22.22	2.6	ng	28223	6	21.00	213389	20.0
Heptacosane, 1-ch...	22.90	2.0	ng	21877	6	21.00	213389	20.0