LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-2

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-BP101920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003746.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	29	34	47	rBV	1391131	1827842	19.45%	4.427%
2	3.252	51	62	72	rBV2	68945	151717	1.61%	0.367%
3	3.346	72	78	92	rVB	223896	314271	3.34%	0.761%
4	6.011	523	531	541	rBV	2152002	3238660	34.46%	7.844%
5	7.663	803	812	823	rBV	2107473	3405617	36.24%	8.248%
6	8.511	948	956	964	rBV	414011	667811	7.11%	1.617%
7	9.675	1145	1154	1162	rBV	1426523	2356215	25.07%	5.706%
8	11.352	1431	1439	1449	rBV	525936	876377	9.32%	2.122%
9	13.740	1836	1845	1852	rBV	3899494	5651415	60.13%	13.687%
10	14.528	1971	1979	1988	rBV	383386	527410	5.61%	1.277%
11	15.110	2071	2078	2092	rVB	840528	1247795	13.28%	3.022%
12	16.581	2321	2328	2344	rBV	3272941	4526348	48.16%	10.962%
13	17.828	2532	2540	2551	rBV	1136098	1564355	16.64%	3.789%
14	18.639	2673	2678	2686	rBV	161193	226594	2.41%	0.549%
15	20.298	2954	2960	2965	rBV	7897692	9398460	100.00%	22.762%
16	21.027	3080	3084	3088	rVB	100684	107341	1.14%	0.260%
17	21.469	3155	3159	3170	rBV	682945	807789	8.59%	1.956%
18	21.839	3217	3222	3228	rVB	1323880	1775296	18.89%	4.300%
19	21.927	3233	3237	3245	rVB	165831	198475	2.11%	0.481%
20	22.410	3315	3319	3328	rVB2	123669	194643	2.07%	0.471%
21	22.933	3404	3408	3413	rVB2	92669	122359	1.30%	0.296%
22	23.510	3502	3506	3512	rBV	67664	108659	1.16%	0.263%
23	24.416	3652	3660	3671	rBV	859742	1828143	19.45%	4.428%
24	25.021	3758	3763	3770	rVB3	79486	166665	1.77%	0.404%

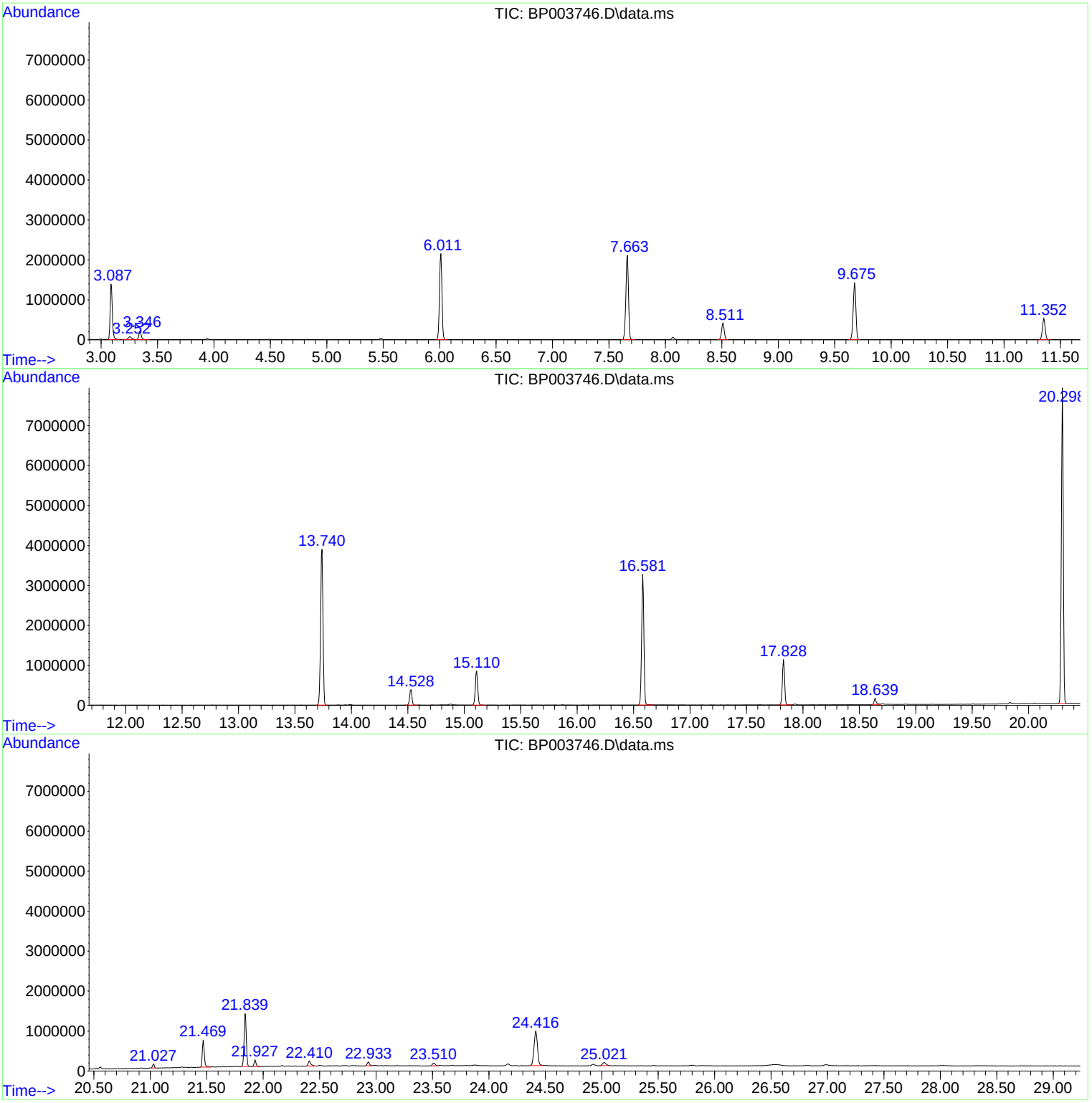
Sum of corrected areas: 41290257

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2

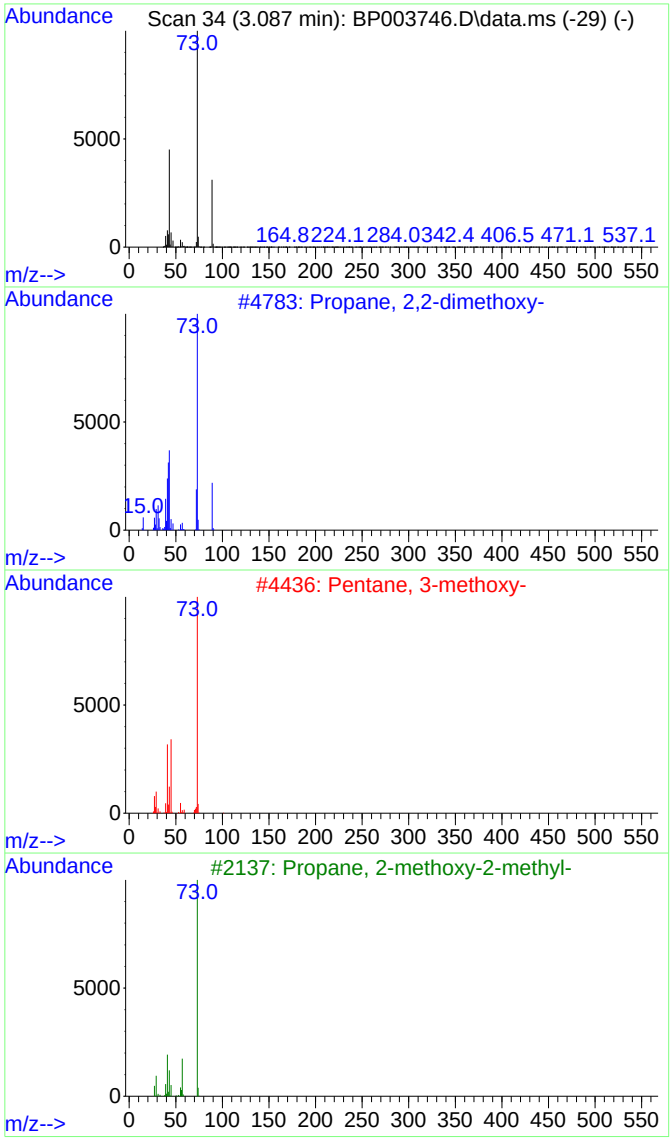
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

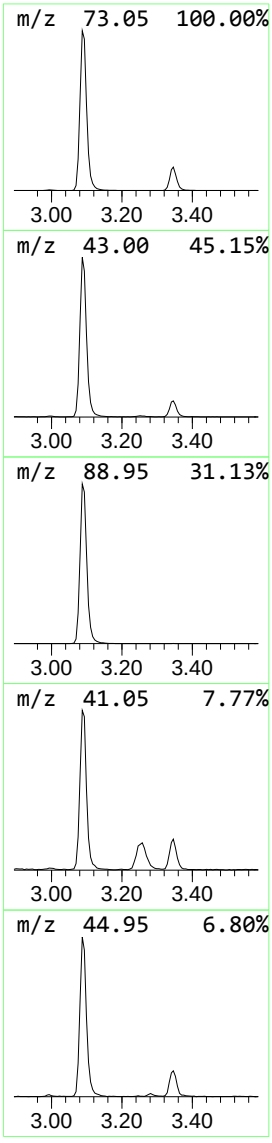
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.087	54.74 ng	1827840	1,4-Dichlorobenzene-d4	8.511

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

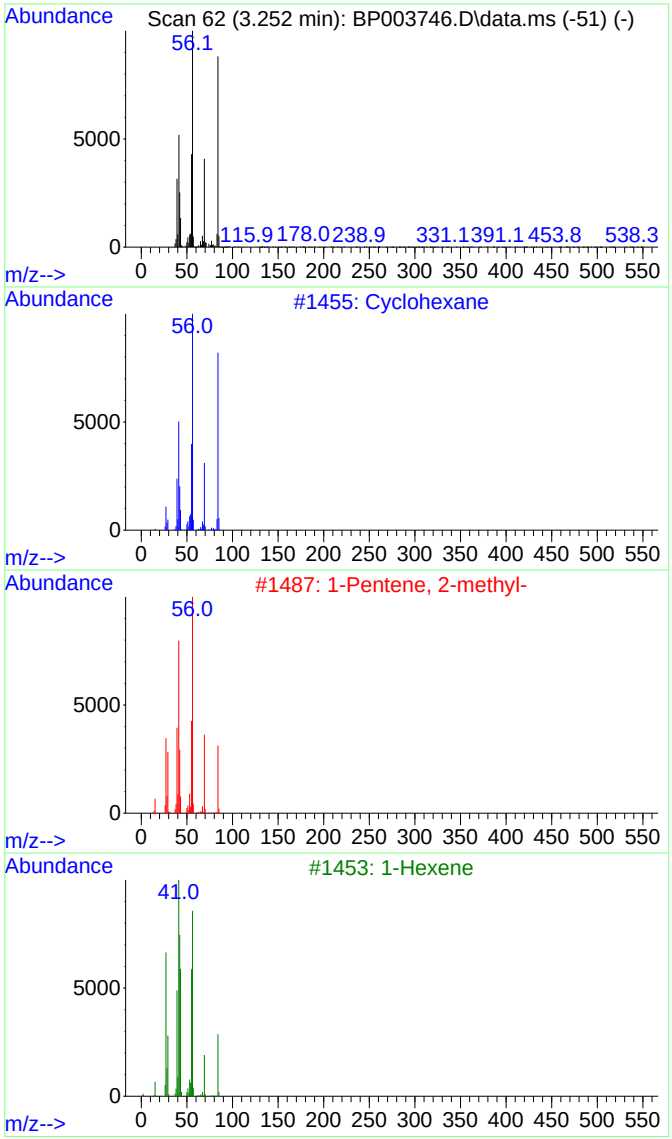
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

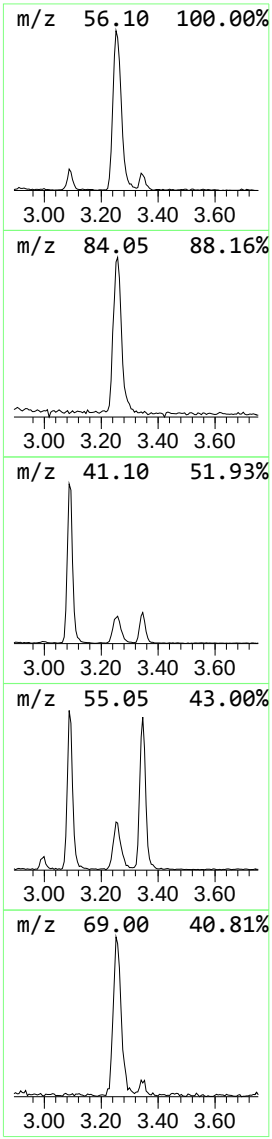
****

Peak Number 2 Cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.252	4.54 ng	151717	1,4-Dichlorobenzene-d4	8.511

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	1-Hexene	84	C6H12	000592-41-6	53
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	47
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2

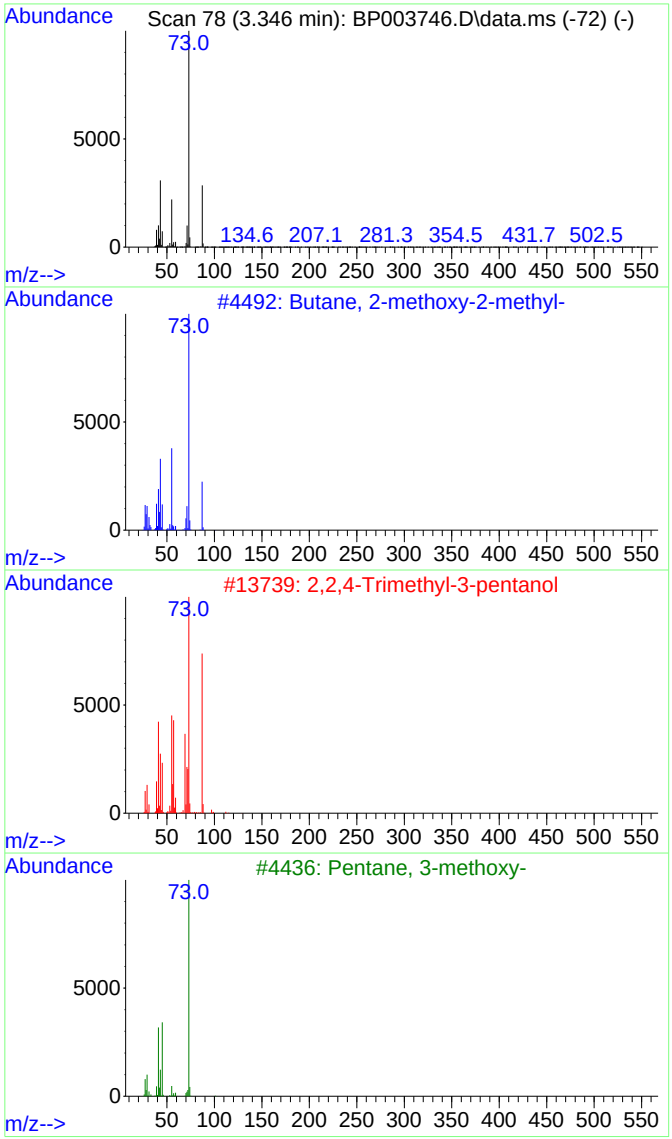
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

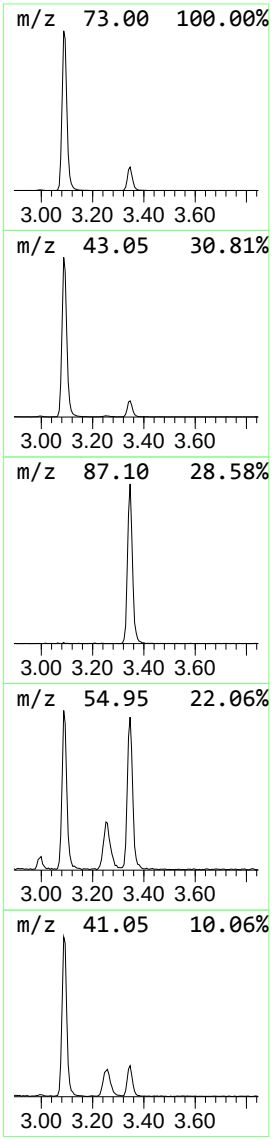
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.346	9.41 ng	314271	1,4-Dichlorobenzene-d4	8.511

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

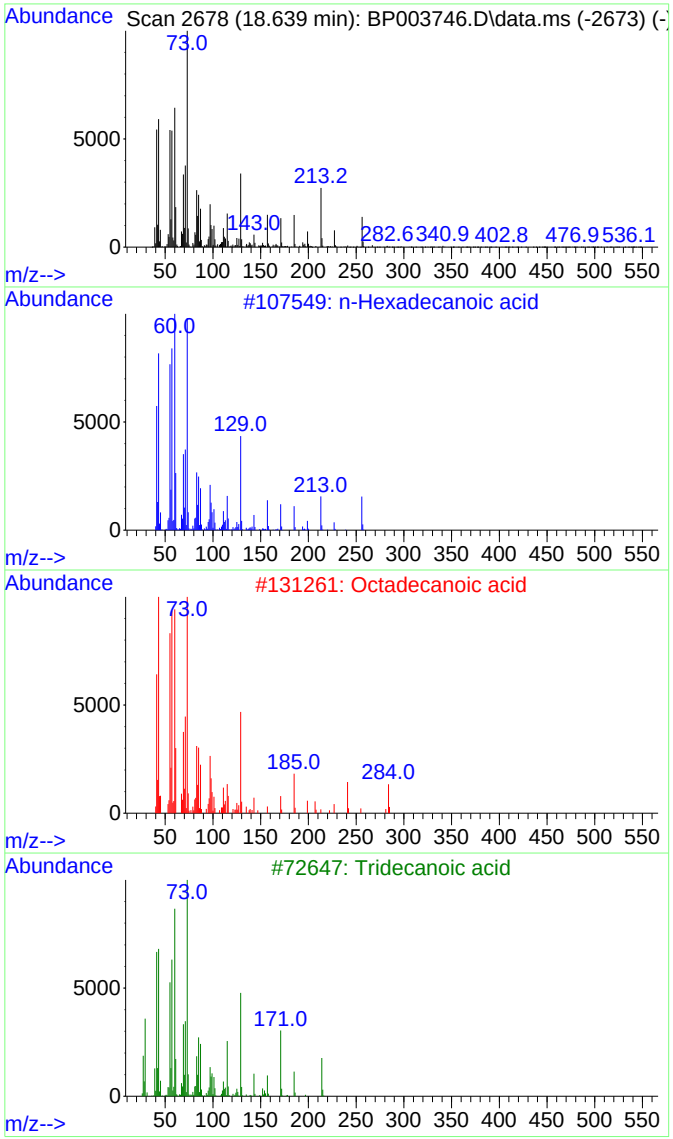
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

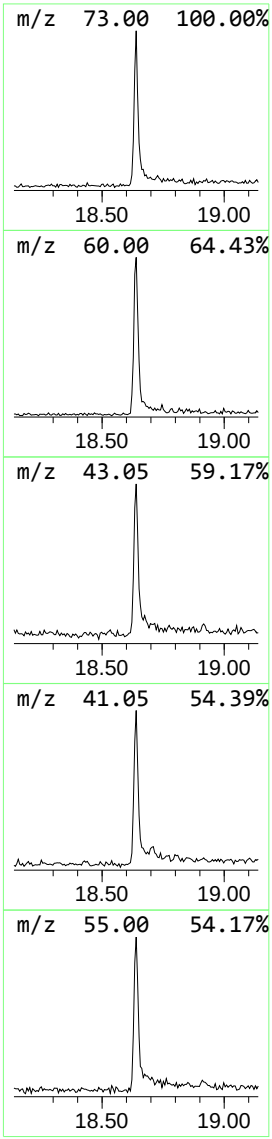
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	2.90 ng	226594	Phenanthrene-d10	17.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

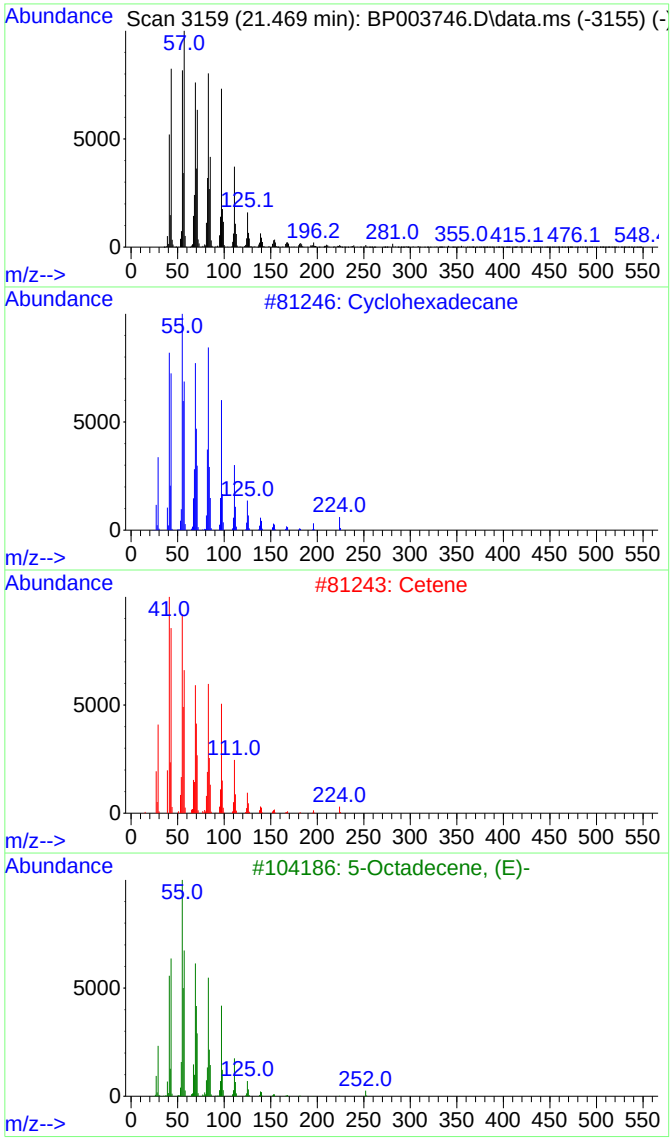
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

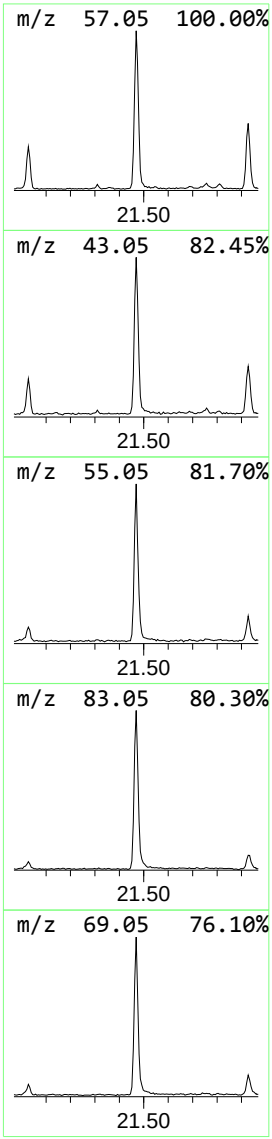
****

Peak Number 5 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.469	9.10 ng	807789	Chrysene-d12	21.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	Cetene	224	C16H32	000629-73-2	95
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

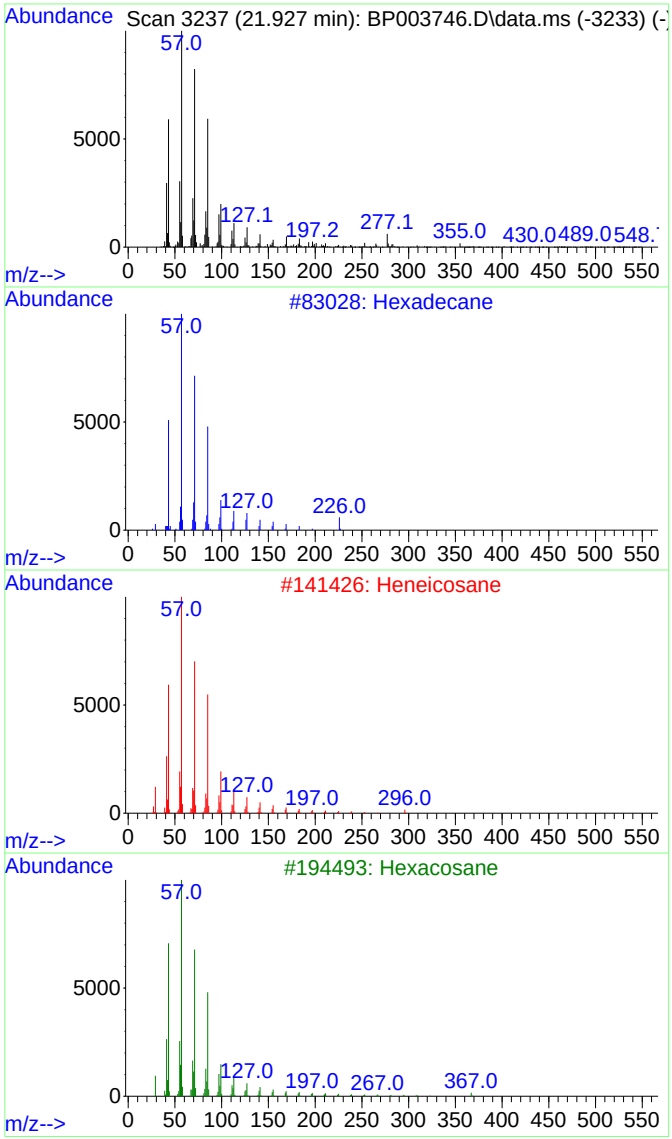
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

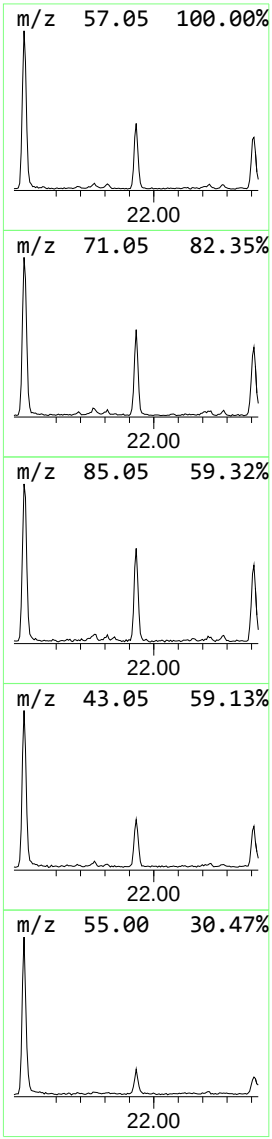
****

Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.927	2.24 ng	198475	Chrysene-d12	21.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2

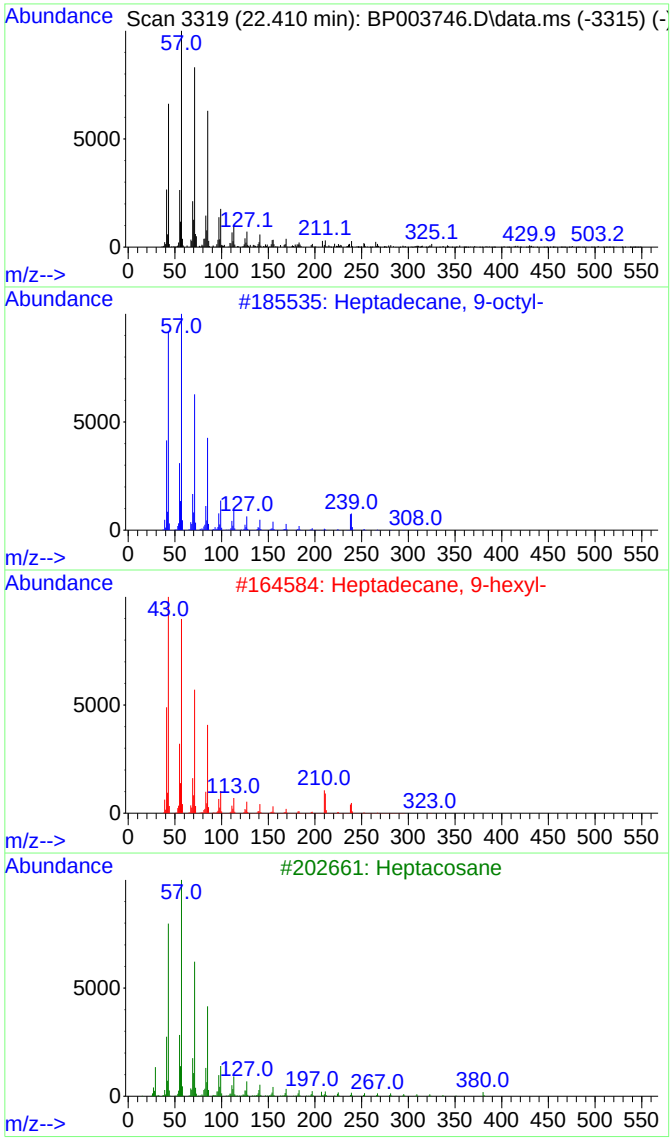
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

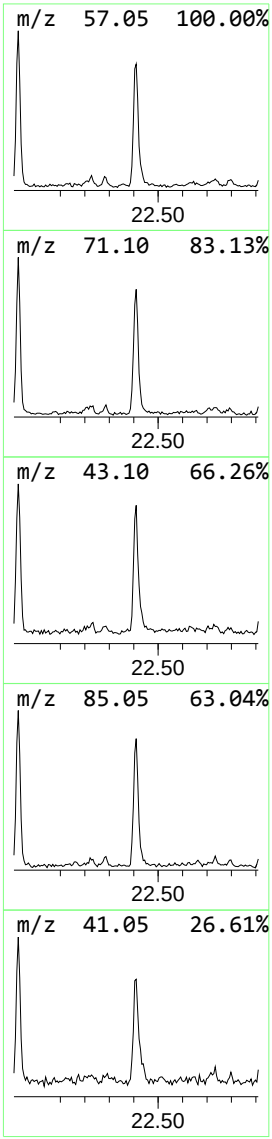
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.410	2.19 ng	194643	Chrysene-d12	21.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003746.D
Acq On : 26 Oct 2020 18:15
Operator : CG/JU
Sample : L4501-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.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
Propane, 2,2-di...	3.087	54.7	ng	1827840	1	8.511	667811	20.0
Cyclohexane	3.252	4.5	ng	151717	1	8.511	667811	20.0
Butane, 2-metho...	3.346	9.4	ng	314271	1	8.511	667811	20.0
n-Hexadecanoic ...	18.639	2.9	ng	226594	4	17.828	1564360	20.0
Cyclohexadecane	21.469	9.1	ng	807789	5	21.839	1775300	20.0
Hexadecane	21.927	2.2	ng	198475	5	21.839	1775300	20.0
Heptadecane, 9-...	22.410	2.2	ng	194643	5	21.839	1775300	20.0