LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

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-BP010820.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	2.875	10	15	23	rBV	25129	43496	3.43%	0.481%
2	2.952	24	28	36	rVB	149841	173767	13.70%	1.921%
3	4.799	338	342	349	rBV	102621	140478	11.08%	1.553%
4	5.258	414	420	435	rBV	412715	625769	49.34%	6.919%
5	6.828	680	687	698	rBV	447548	729171	57.50%	8.062%
6	7.175	738	746	758	rBV	446326	694089	54.73%	7.674%
7	7.634	817	824	836	rVB	134408	214846	16.94%	2.376%
8	7.952	870	878	885	rBV	336525	532293	41.97%	5.885%
9	8.781	1009	1019	1031	rBV	259219	452178	35.65%	5.000%
10	10.404	1288	1295	1305	rBV	147902	260443	20.54%	2.880%
11	12.898	1711	1719	1733	rBV	582384	860862	67.88%	9.518%
12	13.745	1855	1863	1876	rBV2	43709	68815	5.43%	0.761%
13	14.281	1947	1954	1969	rBV	243859	357262	28.17%	3.950%
14	15.781	2197	2209	2223	rBV	512540	733882	57.87%	8.114%
15	17.039	2417	2423	2434	rBV	289599	427363	33.70%	4.725%
16	17.975	2577	2582	2589	rBV3	19341	32162	2.54%	0.356%
17	19.633	2858	2864	2875	rBV	1010946	1268214	100.00%	14.022%
18	19.739	2877	2882	2888	rVB	28747	39473	3.11%	0.436%
19	20.322	2977	2981	2985	rBV4	13480	19783	1.56%	0.219%
20	20.898	3074	3079	3089	rBV	81634	154298	12.17%	1.706%
21	21.145	3116	3121	3132	rBV	365248	494049	38.96%	5.463%
22	21.774	3224	3228	3229	rBV4	15963	20861	1.64%	0.231%
23	22.239	3304	3307	3311	rBV3	20861	24831	1.96%	0.275%
24	22.363	3326	3328	3334	rVB2	18444	26260	2.07%	0.290%
25	22.751	3390	3394	3400	rVB2	37497	57335	4.52%	0.634%
26	23.333	3488	3493	3495	rBV2	38651	63494	5.01%	0.702%
27	23.380	3495	3501	3514	rVB2	223212	455849	35.94%	5.040%
28	23.992	3600	3605	3611	rVB	41524	72888	5.75%	0.806%

Sum of corrected areas: 9044211

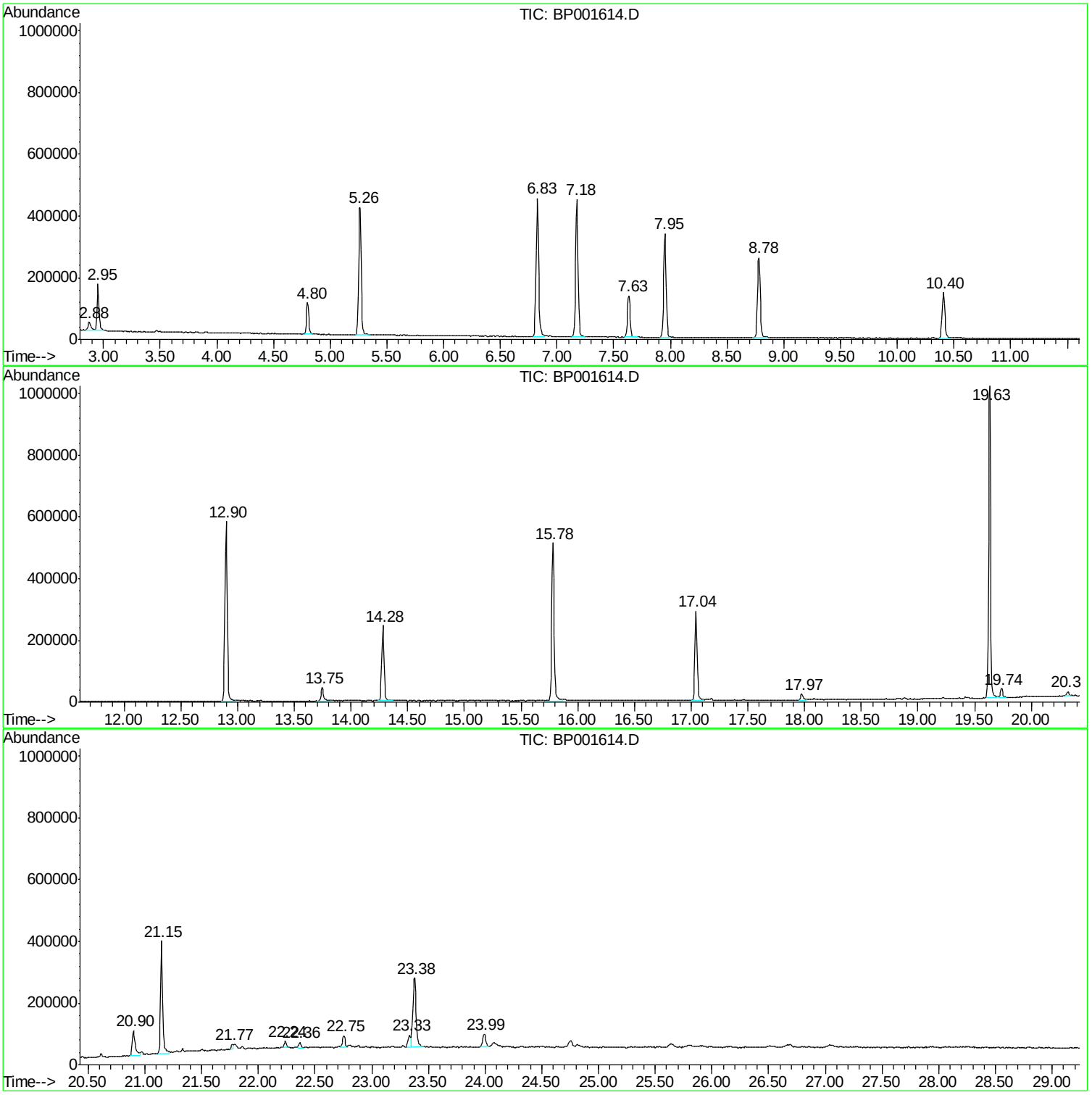
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

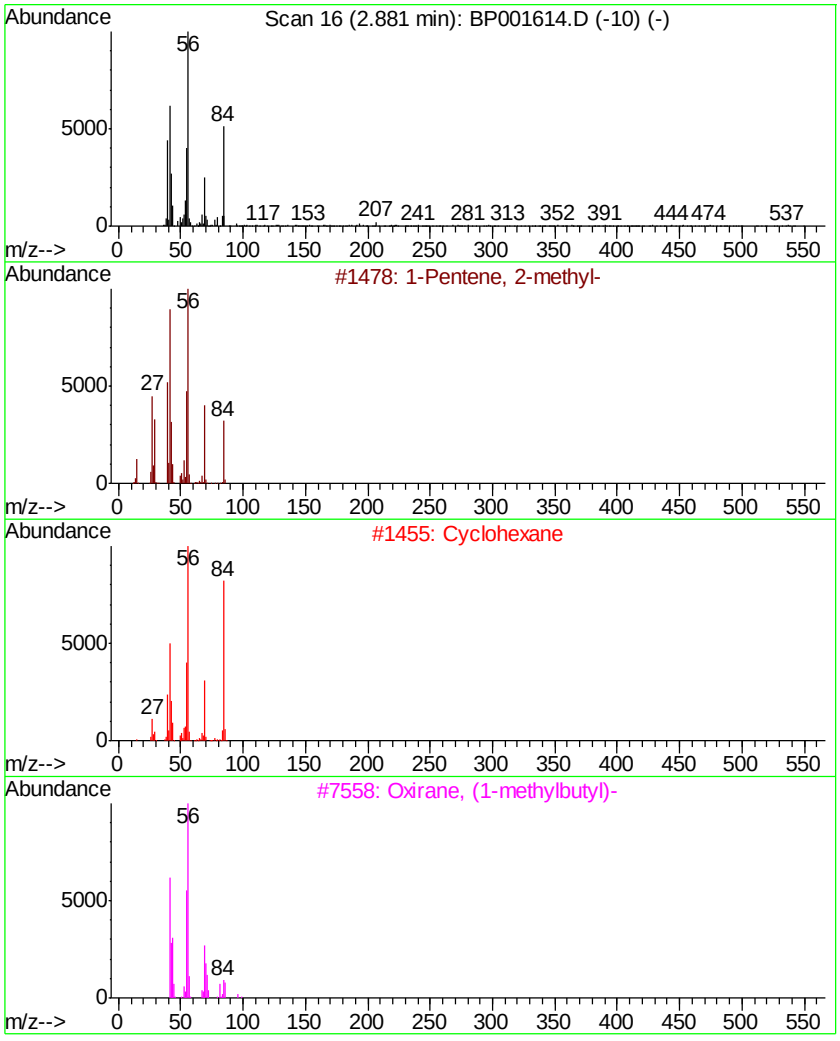
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

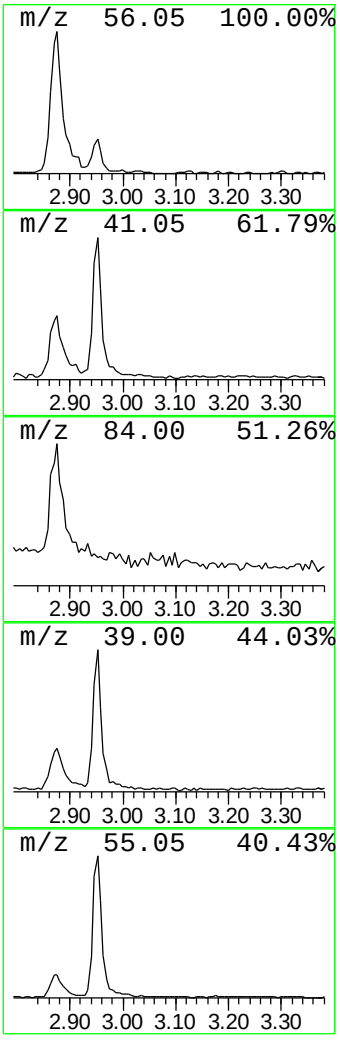
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	4.05 ng	43496	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
2	Cyclohexane	84	C6H12	000110-82-7	76
3	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	53
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	53
5	2-Butene, (Z)-	56	C4H8	000590-18-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

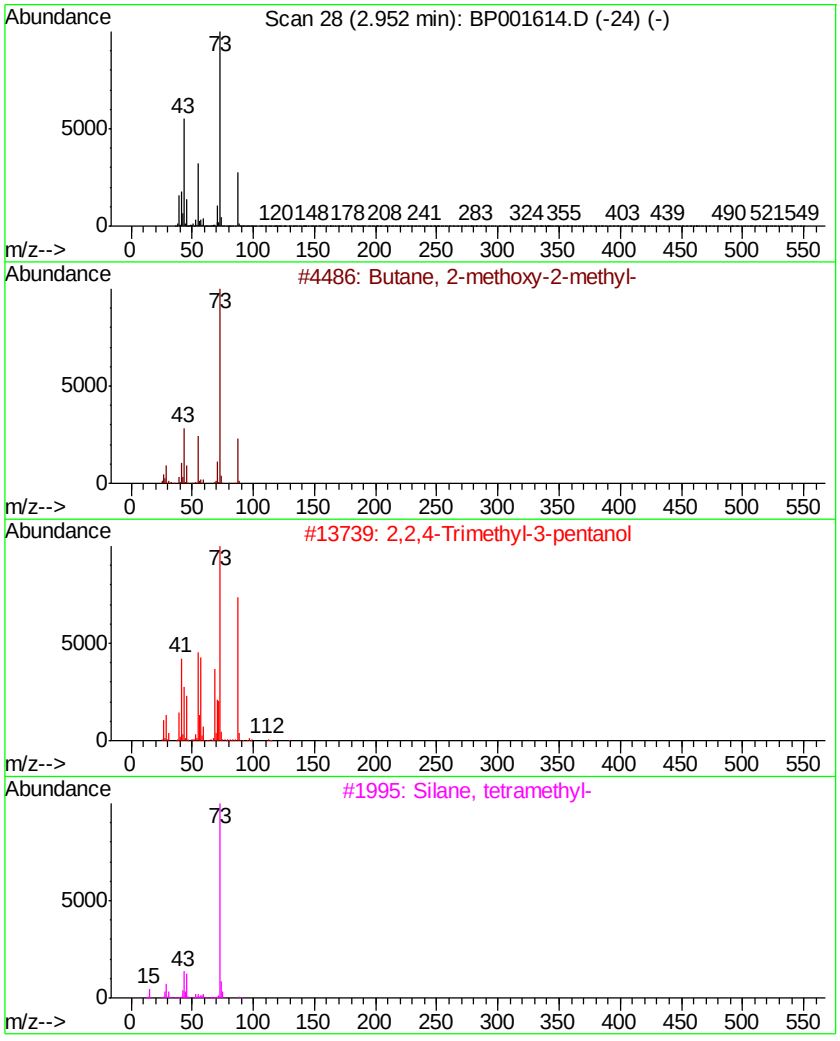
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

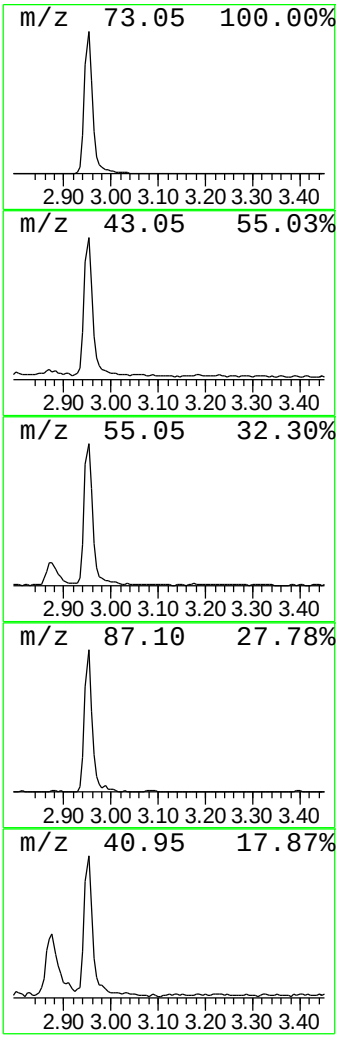
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	16.18 ng	173767	1,4-Dichlorobenzene-d4	7.63

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

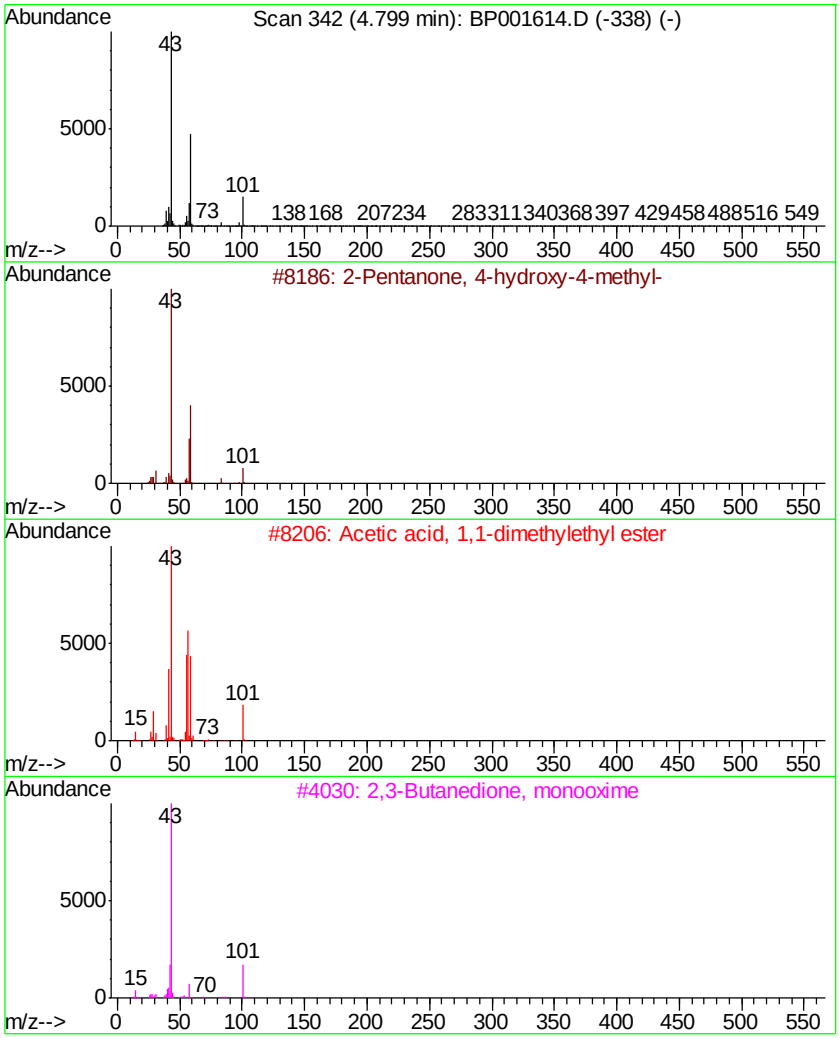
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

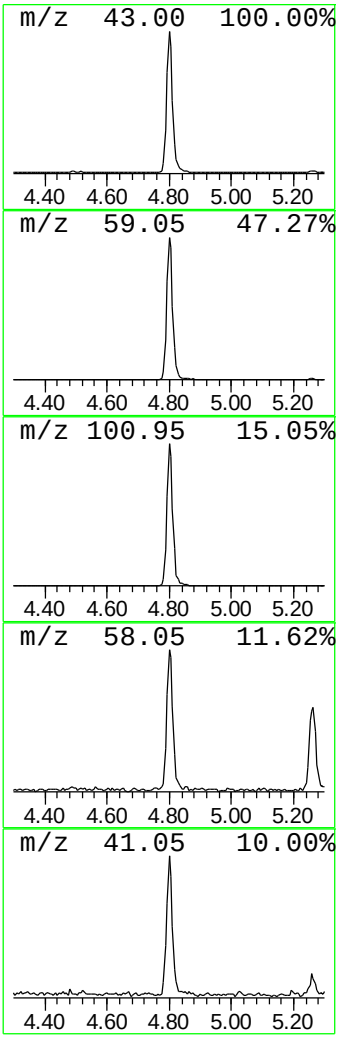
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	13.08 ng	140478	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

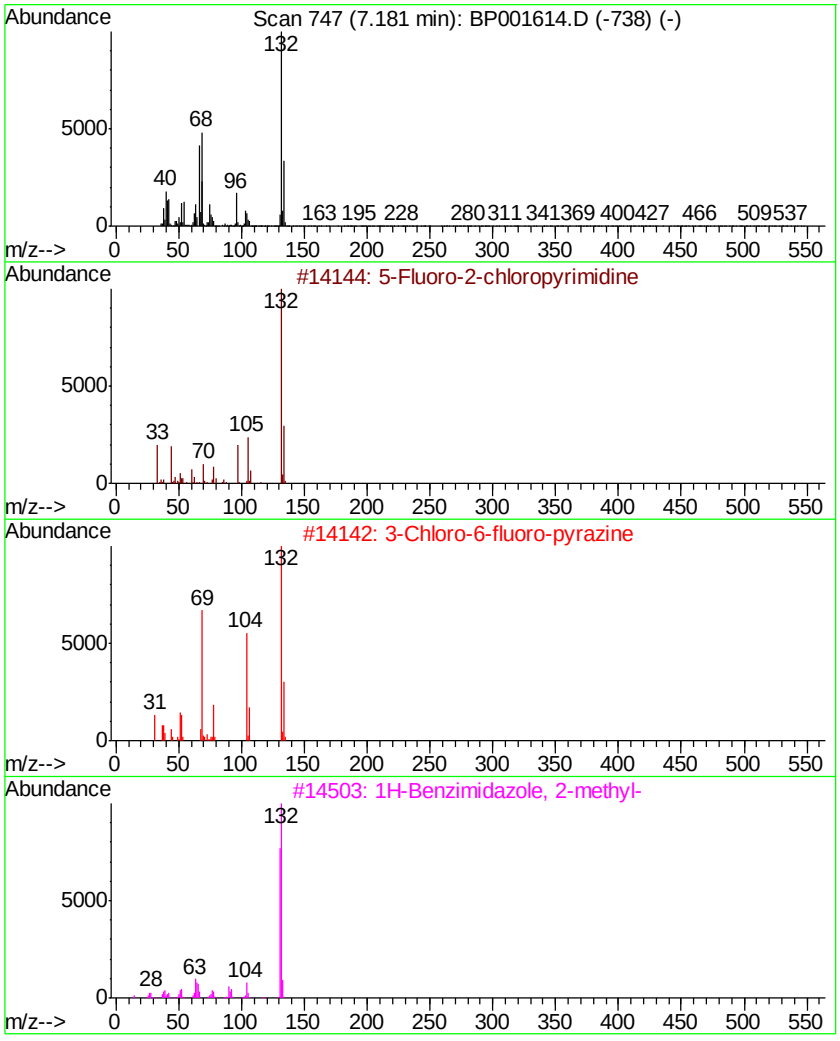
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

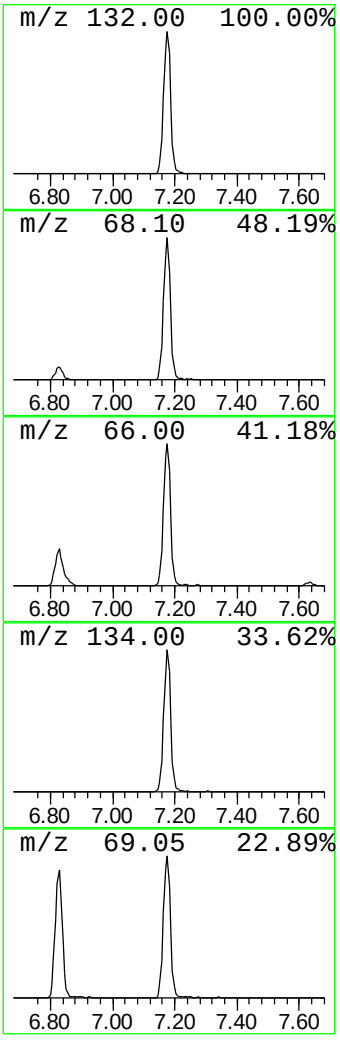
****

Peak Number 4 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	64.61 ng	694089	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

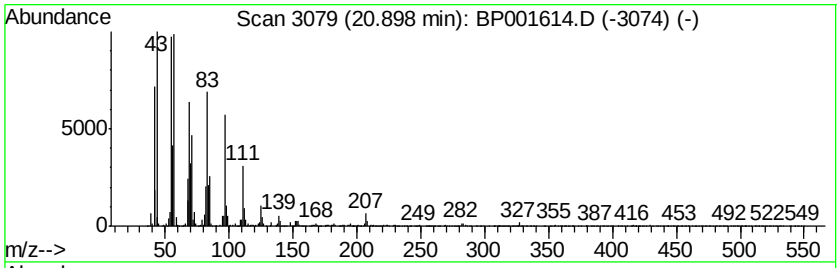
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

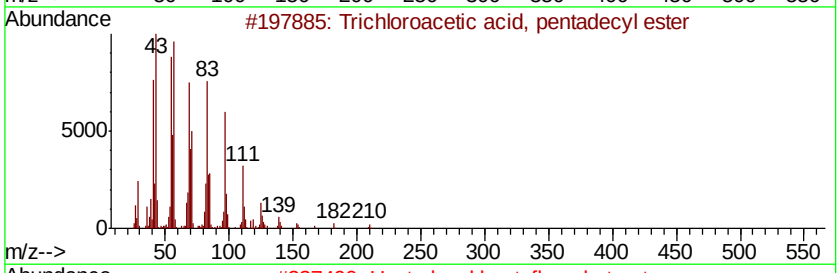
****

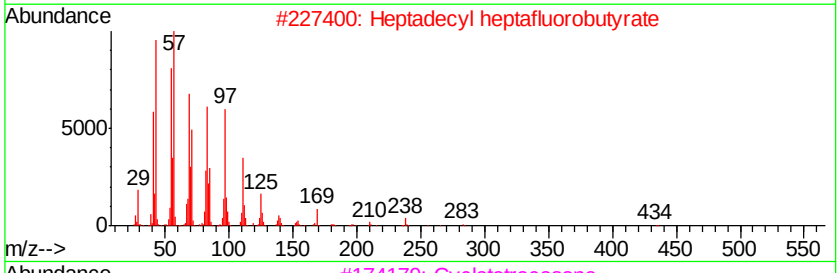
Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 5

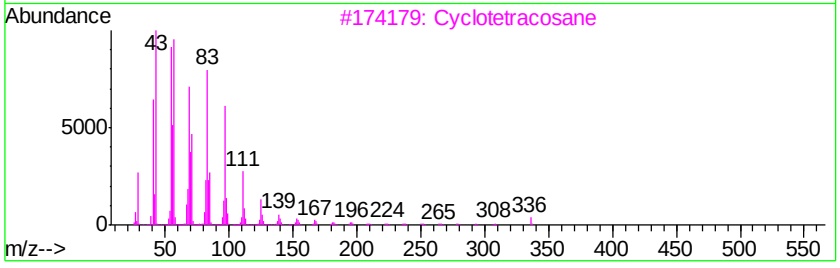
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.25 ng	154298	Chrysene-d12	21.15

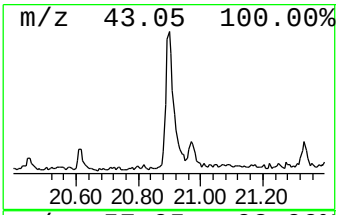
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	1-Docosene	308	C22H44	001599-67-3	91

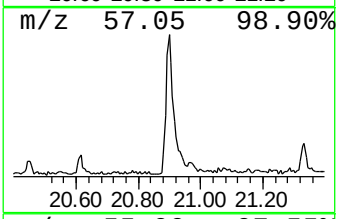


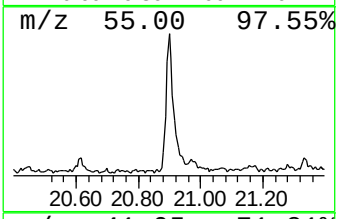


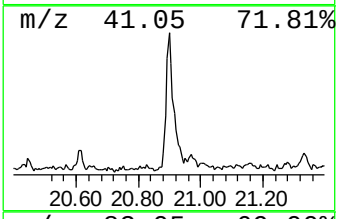


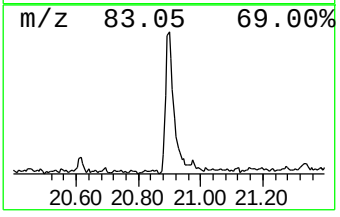












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

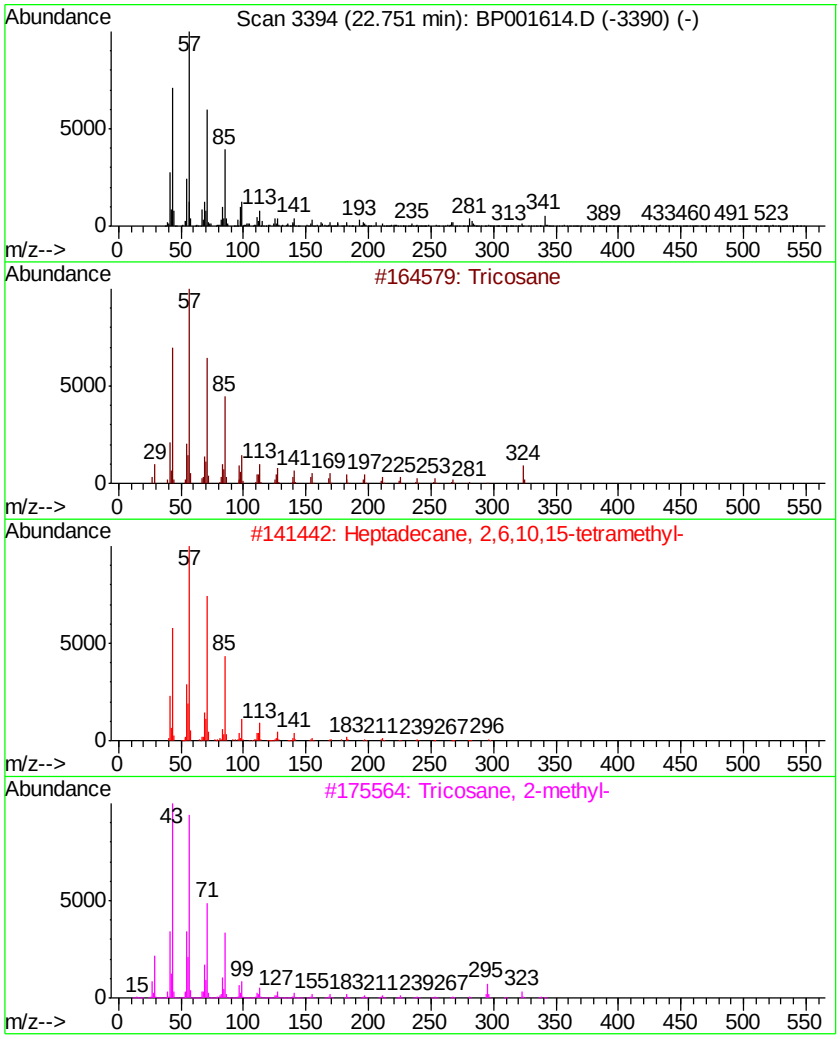
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

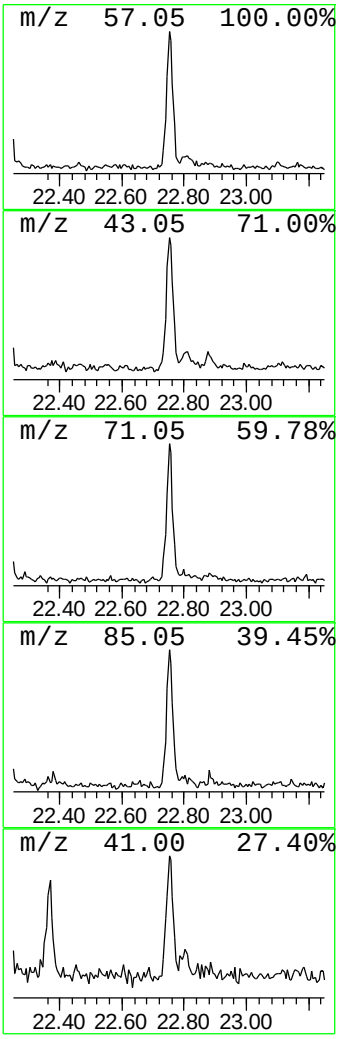
****

Peak Number 7 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	2.52 ng	57335	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

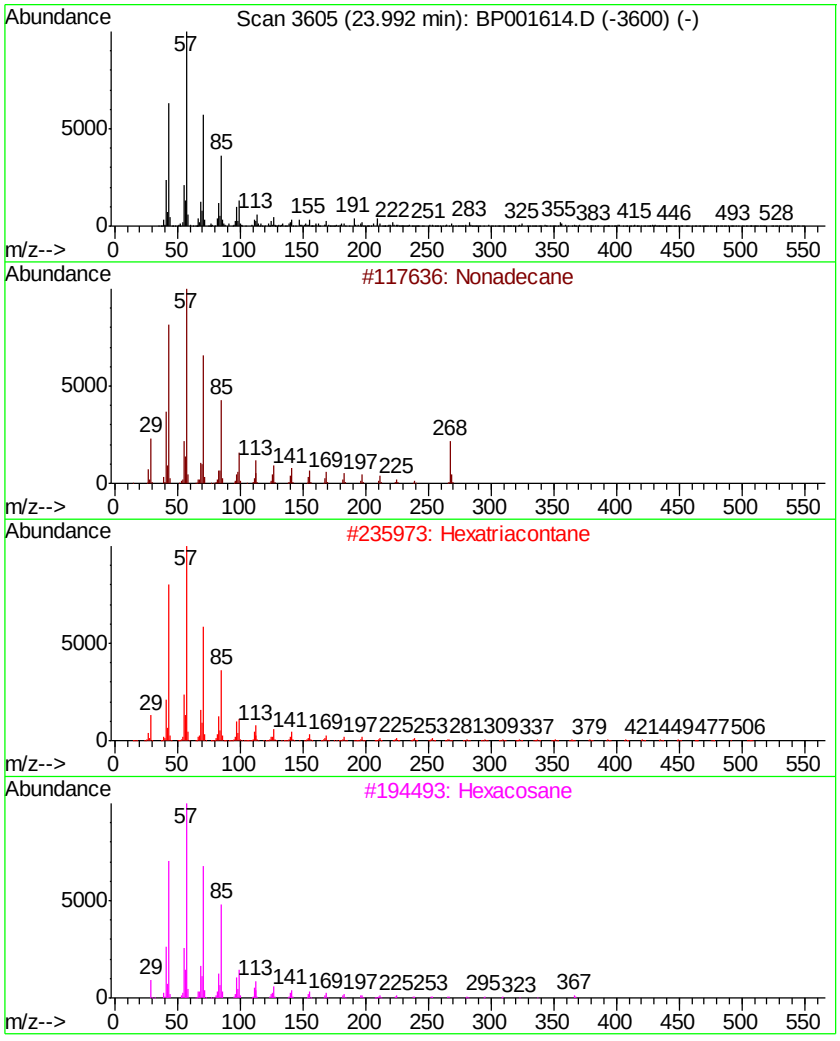
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

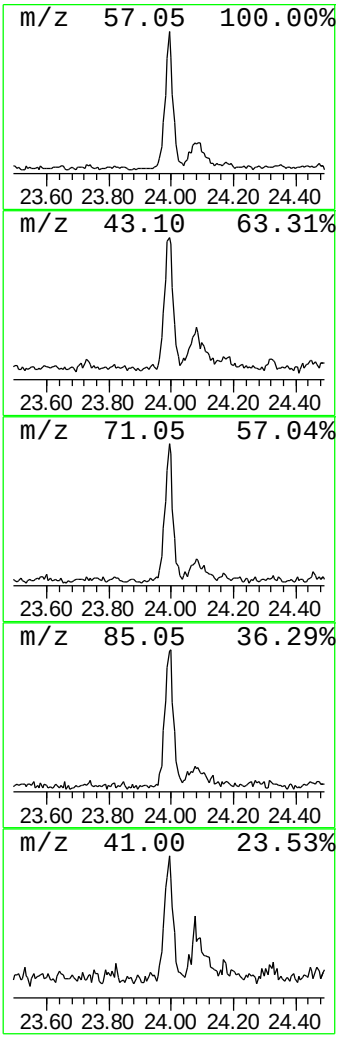
****

Peak Number 8 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.20 ng	72888	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011520\
Data File : BP001614.D
Acq On : 15 Jan 2020 17:58
Operator : JU
Sample : L1123-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-03-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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
1-Pentene, 2-methyl-	2.88	4.0	ng	43496	1	7.63	214846	20.0
Butane, 2-methoxy...	2.95	16.2	ng	173767	1	7.63	214846	20.0
2-Pentanone, 4-hy...	4.80	13.1	ng	140478	1	7.63	214846	20.0
unknown7.18	7.18	64.6	ng	694089	1	7.63	214846	20.0
Trichloroacetic a...	20.90	6.3	ng	154298	5	21.15	494049	20.0
Tricosane	22.75	2.5	ng	57335	6	23.38	455849	20.0
Nonadecane	23.99	3.2	ng	72888	6	23.38	455849	20.0