LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040206.D
Acq On : 28 Mar 2019 19:04
Operator : JU/SJ
Sample : K2107-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-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_G\METHODS\8270-BG032719.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	3.137	3	8	17	rBV	174108	341196	7.51%	1.427%
2	3.213	17	21	32	rVB	174364	243494	5.36%	1.018%
3	4.230	189	194	206	rVB	89906	141489	3.11%	0.592%
4	5.622	424	431	445	rVB	1138393	1774489	39.05%	7.421%
5	7.226	696	704	716	rBV	1124016	1973337	43.43%	8.253%
6	7.596	759	767	777	rBV	1111441	1895405	41.71%	7.927%
7	8.066	841	847	861	rVB	211111	360141	7.93%	1.506%
8	8.389	895	902	911	rBV	770051	1337578	29.44%	5.594%
9	9.241	1040	1047	1059	rBV	651058	1188181	26.15%	4.969%
10	10.887	1319	1327	1336	rBV	273767	493746	10.87%	2.065%
11	13.319	1734	1741	1754	rVB	1692449	2652554	58.37%	11.094%
12	14.142	1875	1881	1888	rBV	104889	152123	3.35%	0.636%
13	14.700	1968	1976	1985	rVB2	444976	693624	15.26%	2.901%
14	16.186	2222	2229	2243	rBV	1396915	2129319	46.86%	8.905%
15	17.444	2436	2443	2454	rBV2	618431	940625	20.70%	3.934%
16	18.301	2585	2589	2595	rBV2	42146	61637	1.36%	0.258%
17	20.046	2879	2886	2893	rBV	3313270	4543999	100.00%	19.004%
18	21.315	3098	3102	3109	rBV3	31100	70263	1.55%	0.294%
19	21.721	3164	3171	3178	rBV2	716384	1146254	25.23%	4.794%
20	21.862	3188	3195	3200	rBV	39283	55446	1.22%	0.232%
21	22.479	3294	3300	3307	rBV3	50129	84105	1.85%	0.352%
22	23.178	3413	3419	3429	rBV2	62543	121471	2.67%	0.508%
23	23.995	3551	3558	3568	rVB	63937	133783	2.94%	0.560%
24	24.952	3714	3721	3724	rBV3	51088	114543	2.52%	0.479%
25	25.017	3724	3732	3745	rVB2	396421	1140838	25.11%	4.771%
26	26.104	3908	3917	3929	rVB6	38135	120741	2.66%	0.505%

Sum of corrected areas: 23910381

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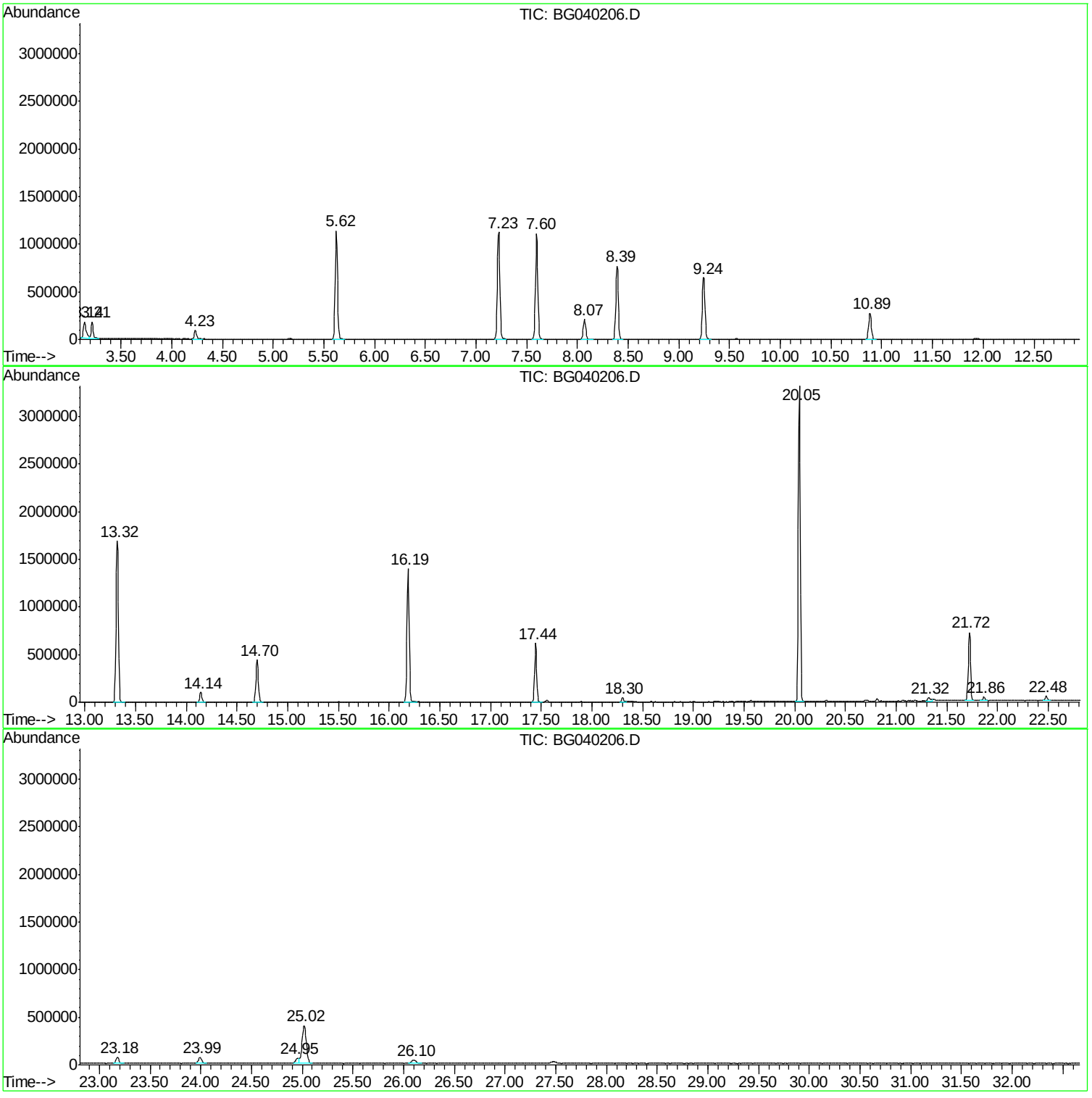
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040206.D
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Operator : JU/SJ
Sample : K2107-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

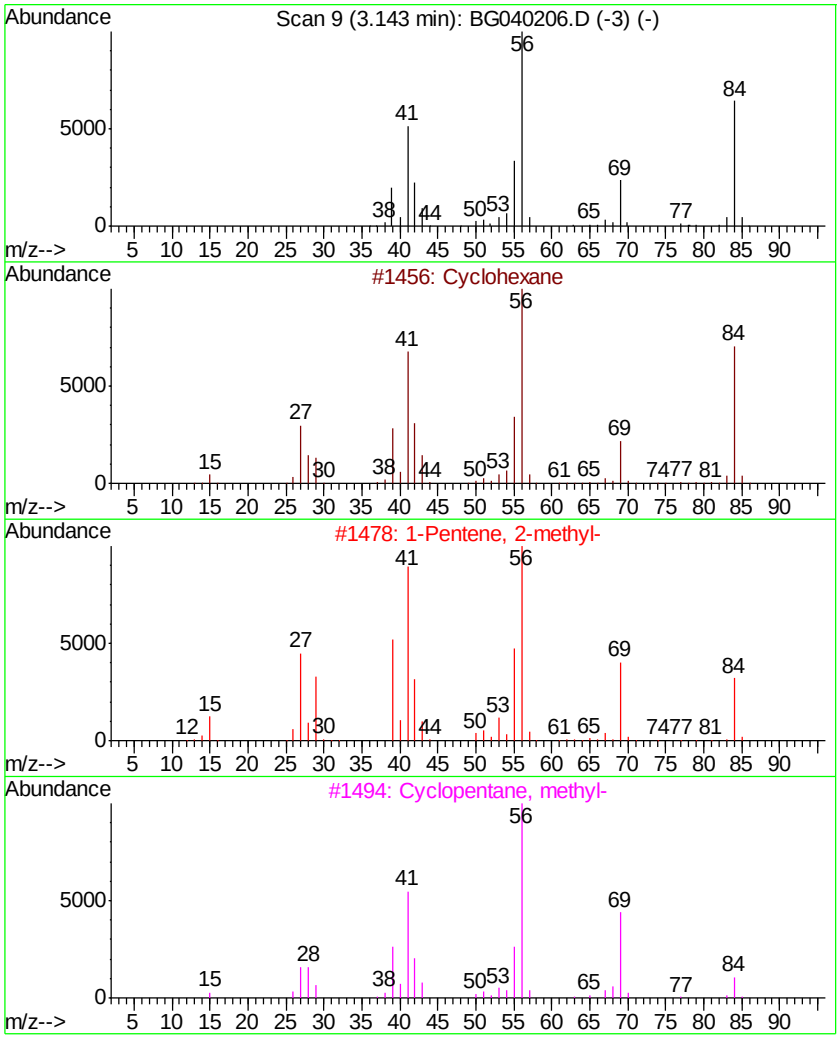
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

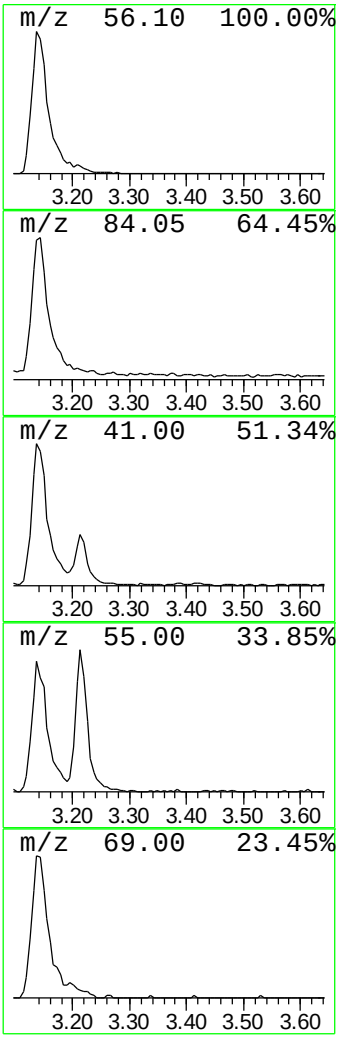
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	18.95 ng	341196	1,4-Dichlorobenzene-d4	8.07

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	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
5	1-Butanol	74	C4H10O	000071-36-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040206.D
Acq On : 28 Mar 2019 19:04
Operator : JU/SJ
Sample : K2107-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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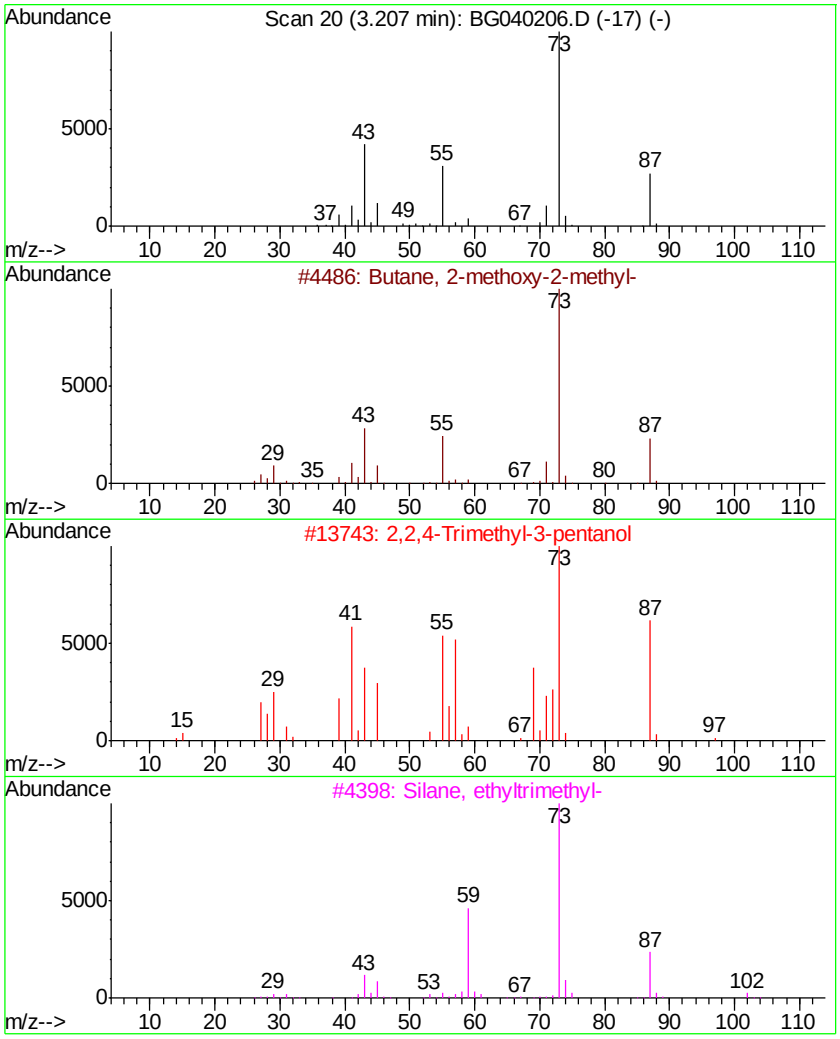
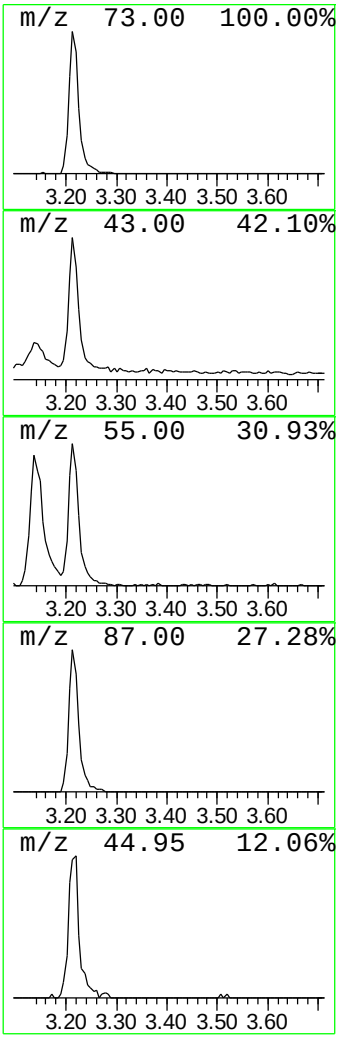
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	13.52 ng	243494	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	25
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040206.D
Acq On : 28 Mar 2019 19:04
Operator : JU/SJ
Sample : K2107-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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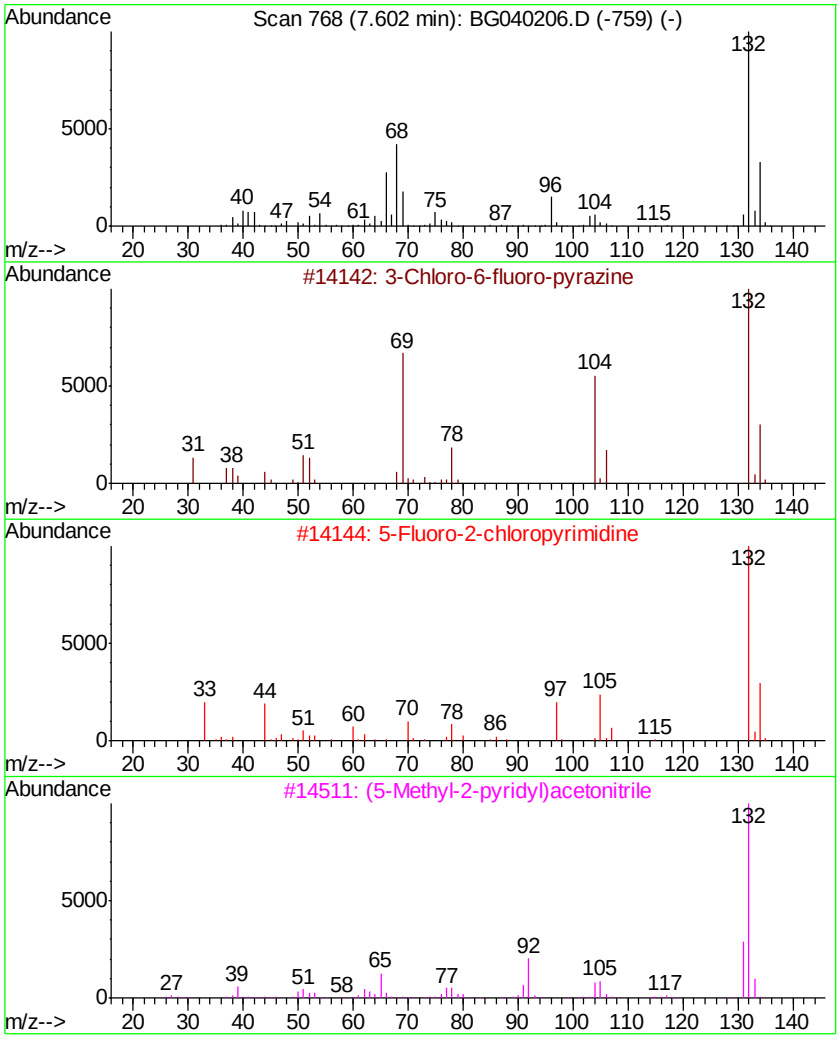
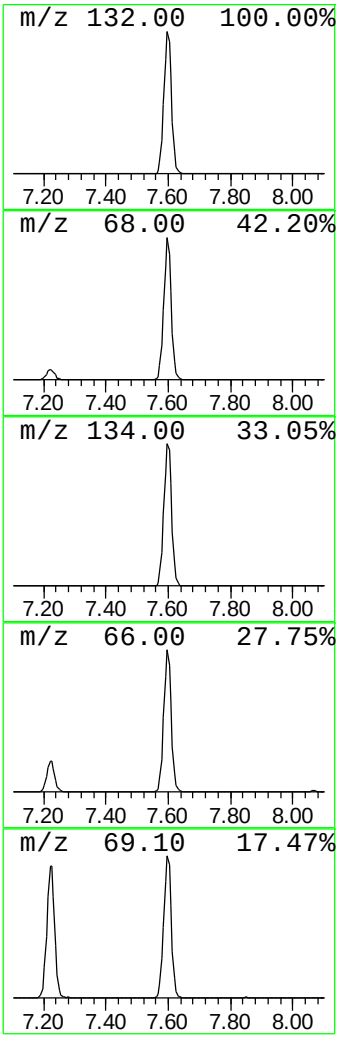
Peak Number 4 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	105.26 ng	1895410	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
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Operator : JU/SJ
Sample : K2107-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

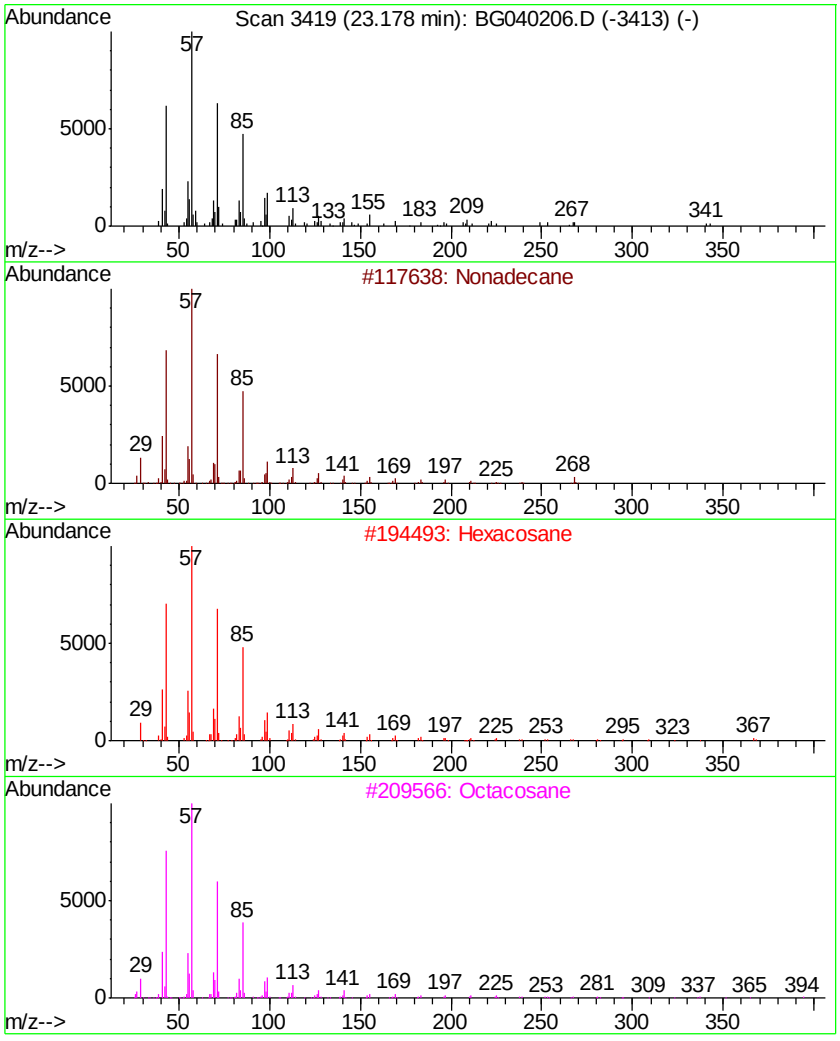
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

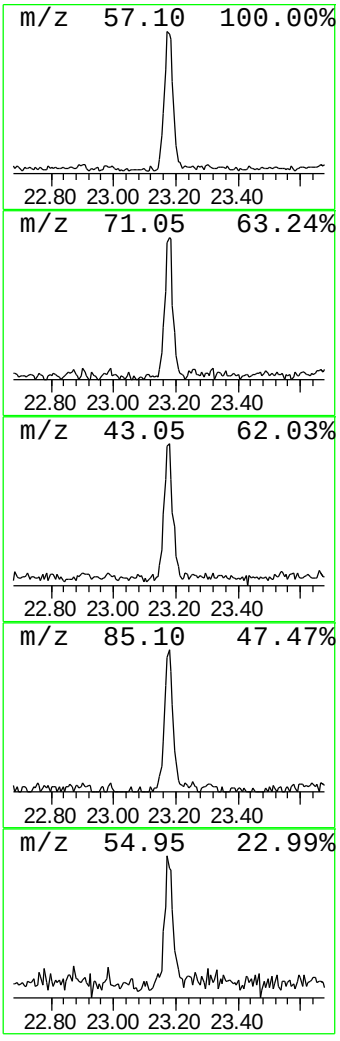
****

Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.12 ng	121471	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Heneicosane	296	C21H44	000629-94-7	83





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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TIC Library : C:\Database\NIST11.L
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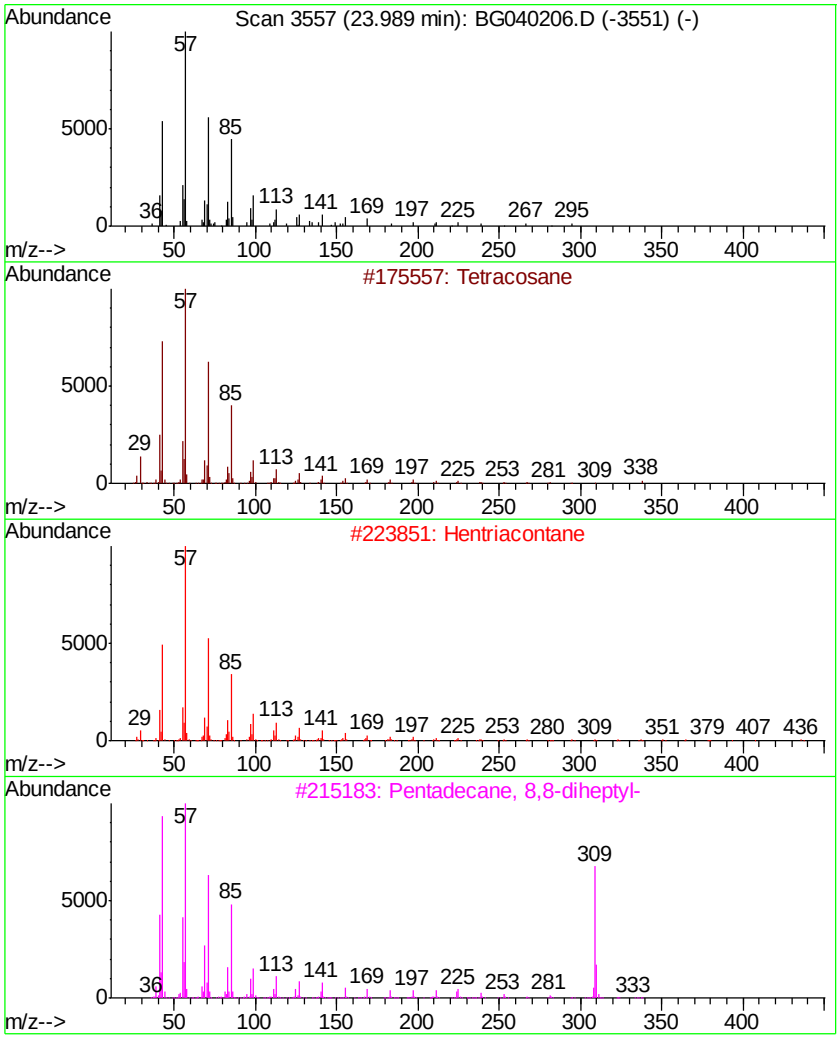
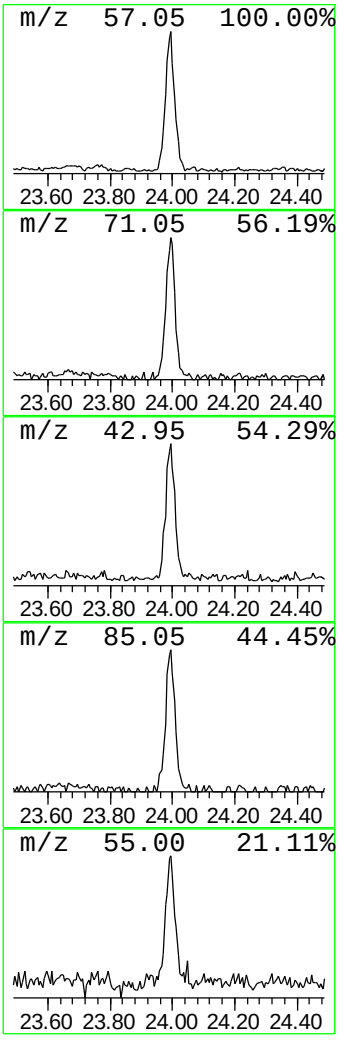
****

Peak Number 7 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.35 ng	133783	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	90
4	Docosane	310	C22H46	000629-97-0	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87





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Operator : JU/SJ
Sample : K2107-03
Misc :
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Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

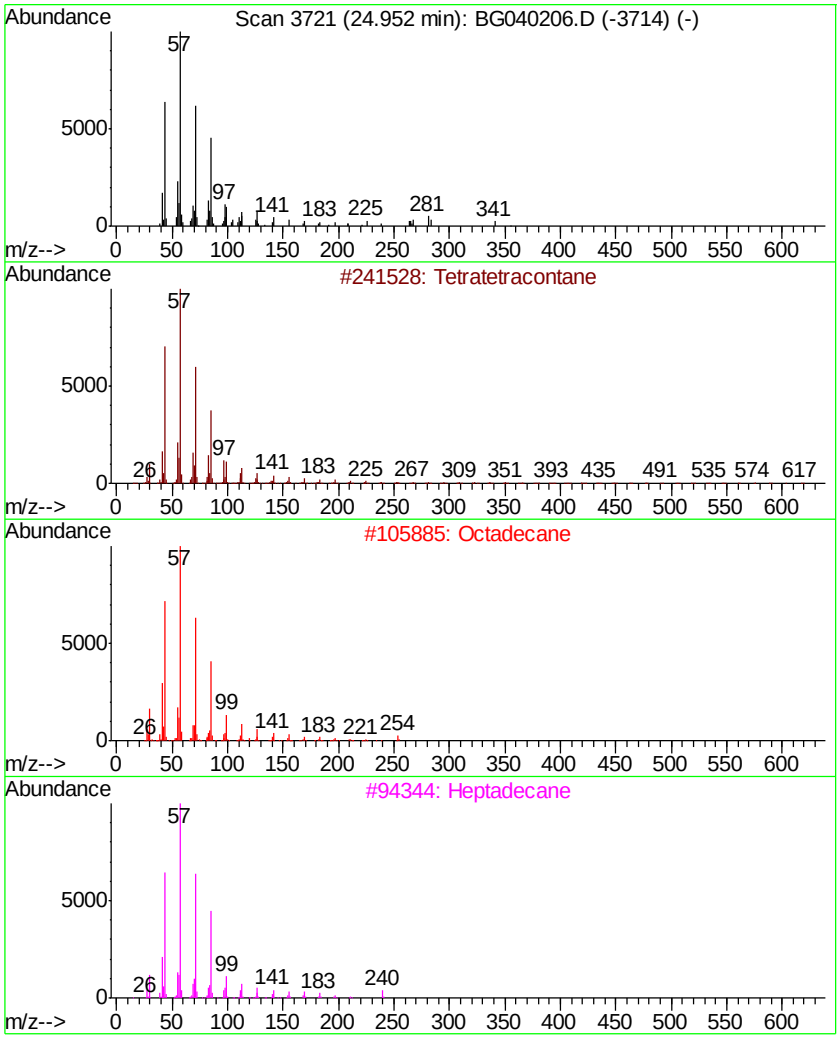
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

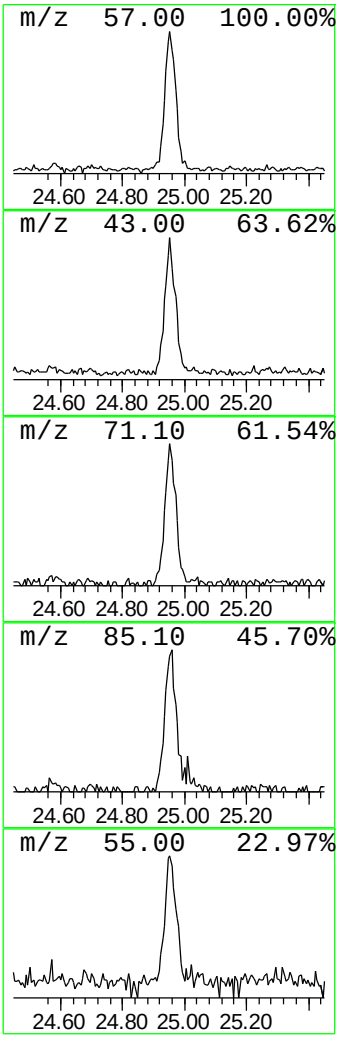
****

Peak Number 8 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	2.01 ng	114543	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	83
2	Octadecane	254	C18H38	000593-45-3	74
3	Heptadecane	240	C17H36	000629-78-7	74
4	Hexadecane	226	C16H34	000544-76-3	74
5	Nonadecane	268	C19H40	000629-92-5	74





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Sample : K2107-03
Misc :
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Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

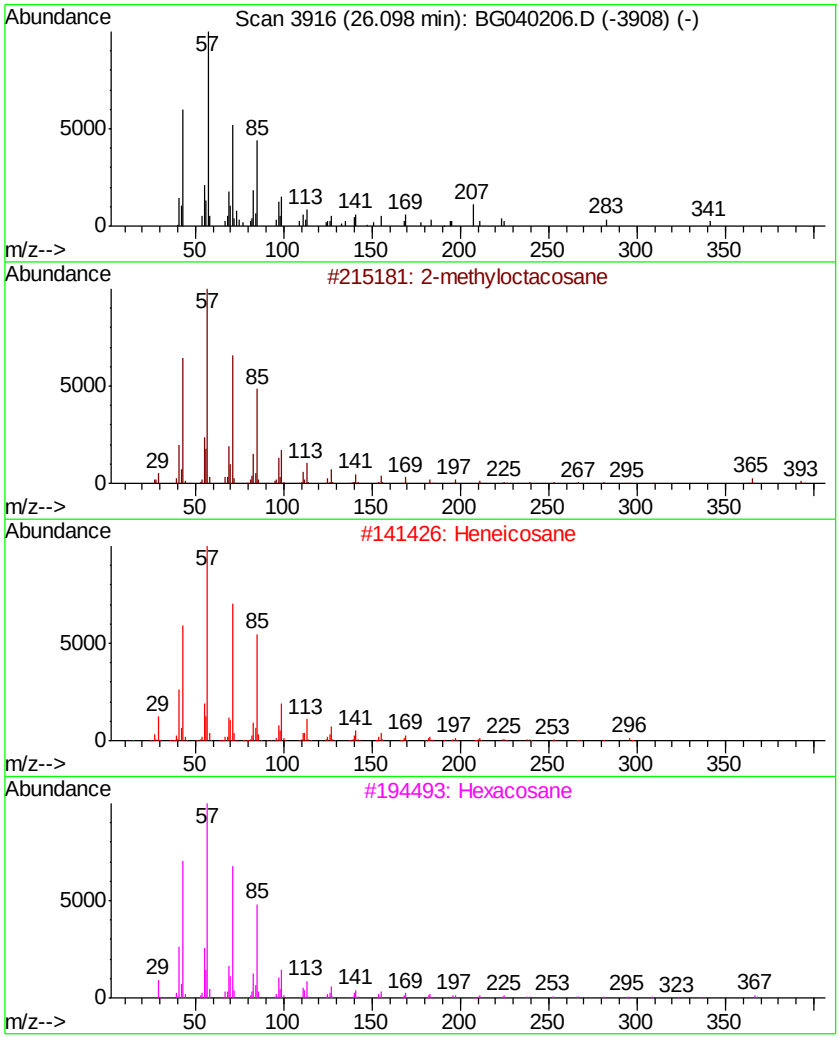
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

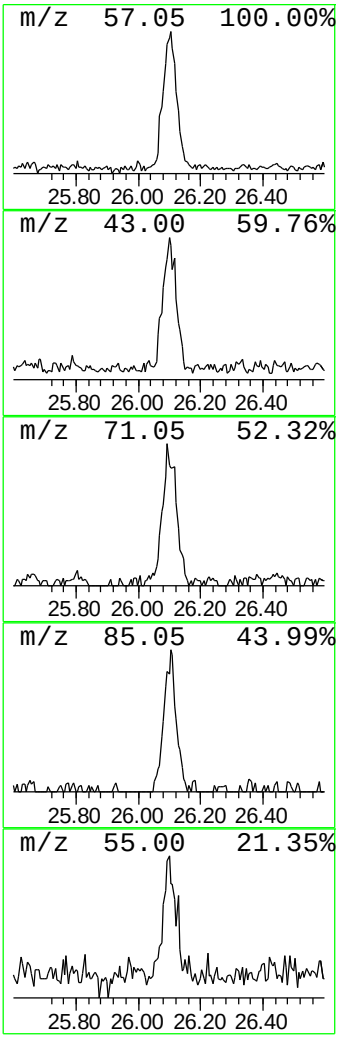
****

Peak Number 9 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	2.12 ng	120741	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	83
2	Heneicosane	296	C21H44	000629-94-7	83
3	Hexacosane	366	C26H54	000630-01-3	80
4	1-Iodoundecane	282	C11H23I	004282-44-4	64
5	Nonadecane	268	C19H40	000629-92-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
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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-	3.14	18.9	ng	341196	1	8.07	360141	20.0
Butane, 2-methoxy...	3.21	13.5	ng	243494	1	8.07	360141	20.0
unknown7.60	7.60	105.3	ng	1895410	1	8.07	360141	20.0
Nonadecane	23.18	2.1	ng	121471	5	21.72	1146250	20.0
Tetracosane	23.99	2.4	ng	133783	6	25.02	1140840	20.0
Tetratetracontane	24.95	2.0	ng	114543	6	25.02	1140840	20.0
2-methyloctacosane	26.10	2.1	ng	120741	6	25.02	1140840	20.0