LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

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-BG123019.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	5.034	325	331	339	rBV2	53111	88871	1.47%	0.313%
2	5.510	405	412	425	rBV	330575	571445	9.46%	2.011%
3	7.096	675	682	696	rBV2	232990	479071	7.93%	1.686%
4	7.930	817	824	832	rBV	257499	444580	7.36%	1.565%
5	8.253	871	879	890	rBV	1039336	1842572	30.49%	6.484%
6	9.082	1012	1020	1034	rBV	858102	1606605	26.59%	5.654%
7	10.733	1293	1301	1309	rBV	361266	673099	11.14%	2.369%
8	13.189	1711	1719	1741	rBV	2519022	4104865	67.93%	14.446%
9	14.017	1854	1860	1872	rBV	108299	189813	3.14%	0.668%
10	14.564	1946	1953	1973	rVB	627477	1076470	17.81%	3.788%
11	16.050	2200	2206	2225	rBV	764637	1293855	21.41%	4.553%
12	17.308	2413	2420	2431	rBV	804973	1239035	20.50%	4.360%
13	17.431	2433	2441	2448	rVB3	52580	87092	1.44%	0.306%
14	19.922	2859	2865	2883	rBV	4392434	6043005	100.00%	21.267%
15	20.733	2997	3003	3007	rBV2	53664	72176	1.19%	0.254%
16	21.226	3082	3087	3109	rBV2	354912	803046	13.29%	2.826%
17	21.555	3136	3143	3159	rBV	789911	1294061	21.41%	4.554%
18	21.761	3173	3178	3184	rBV	206832	305148	5.05%	1.074%
19	22.355	3273	3279	3293	rBV	351493	589555	9.76%	2.075%
20	23.024	3386	3393	3406	rVB	451818	850628	14.08%	2.994%
21	23.806	3518	3526	3538	rBV	469932	981376	16.24%	3.454%
22	24.658	3660	3671	3677	rBV	474614	1331288	22.03%	4.685%
23	24.722	3677	3682	3696	rVB	418435	988395	16.36%	3.478%
24	25.809	3857	3867	3878	rBV	277881	800036	13.24%	2.816%
25	27.114	4076	4089	4101	rBV3	132791	494596	8.18%	1.741%
26	28.682	4347	4356	4371	rVB4	39827	164361	2.72%	0.578%

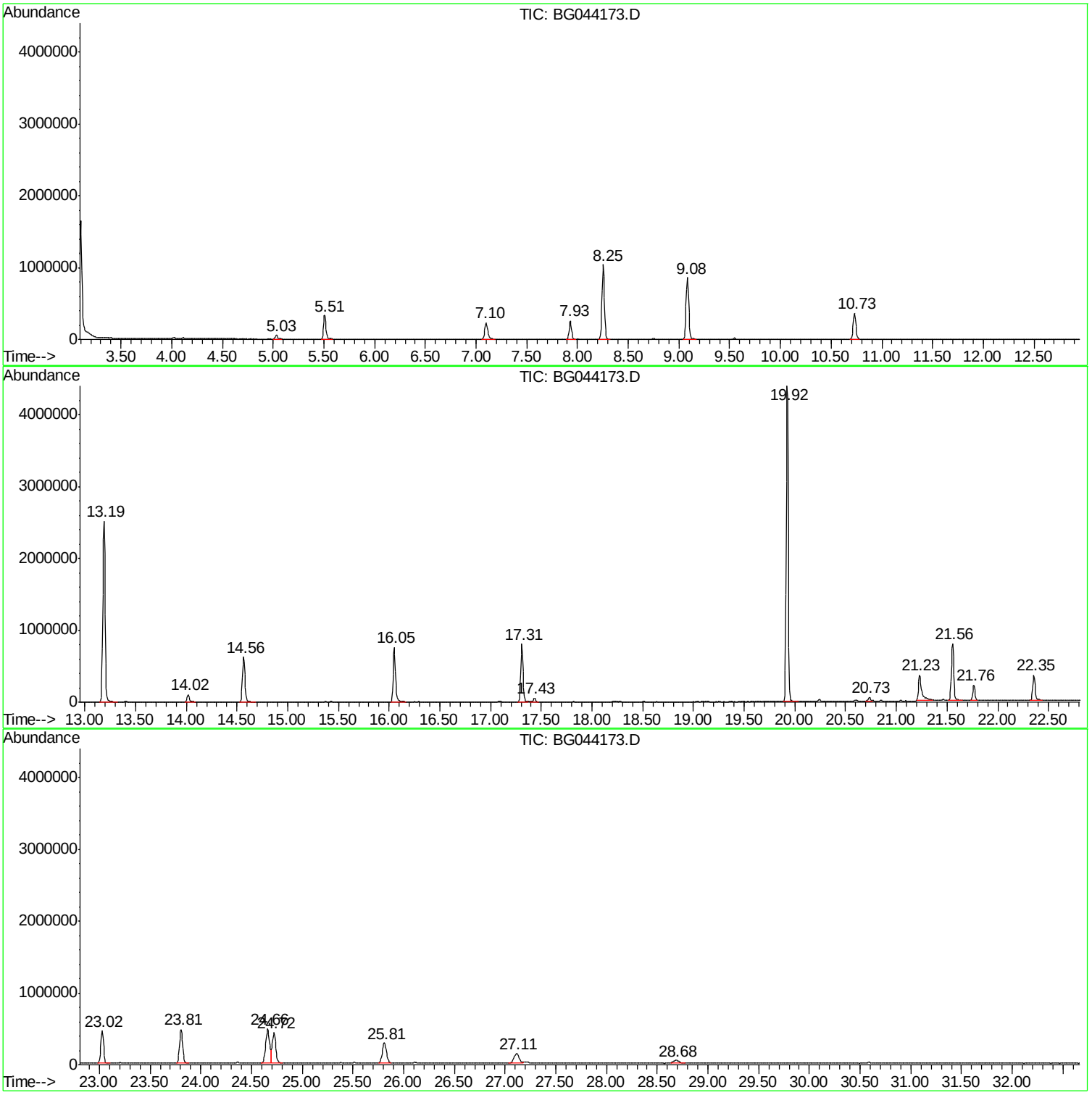
Sum of corrected areas: 28415044

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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 G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

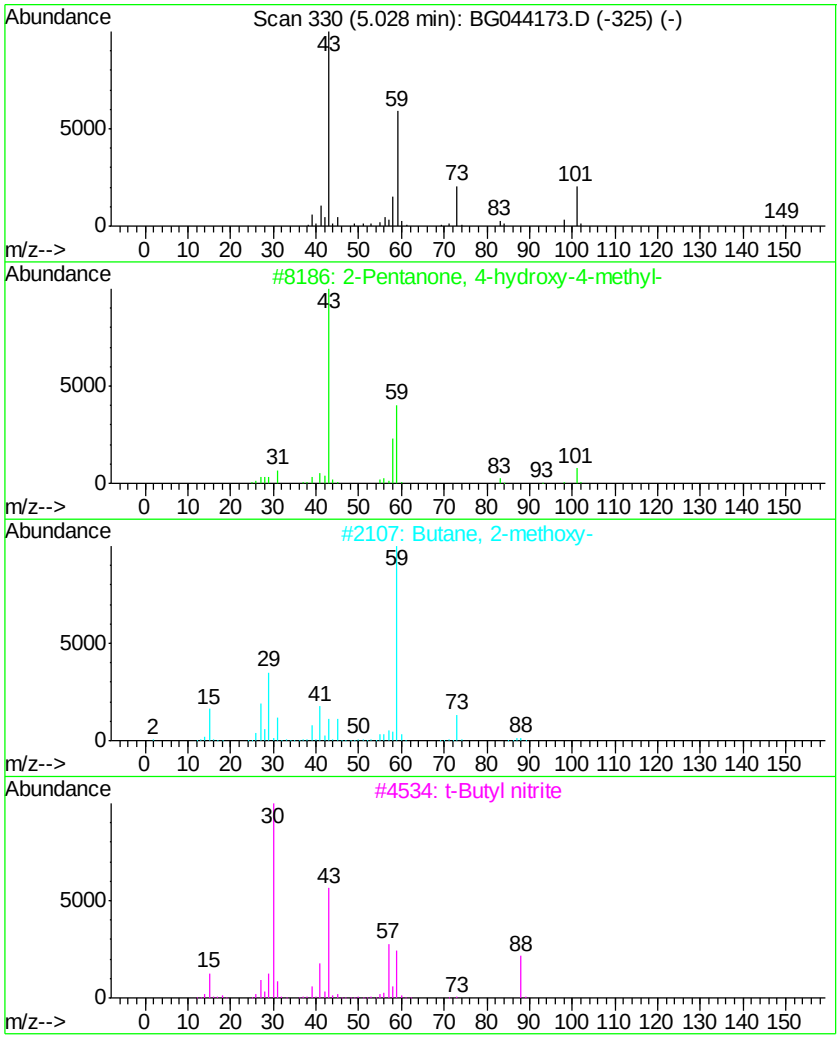
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

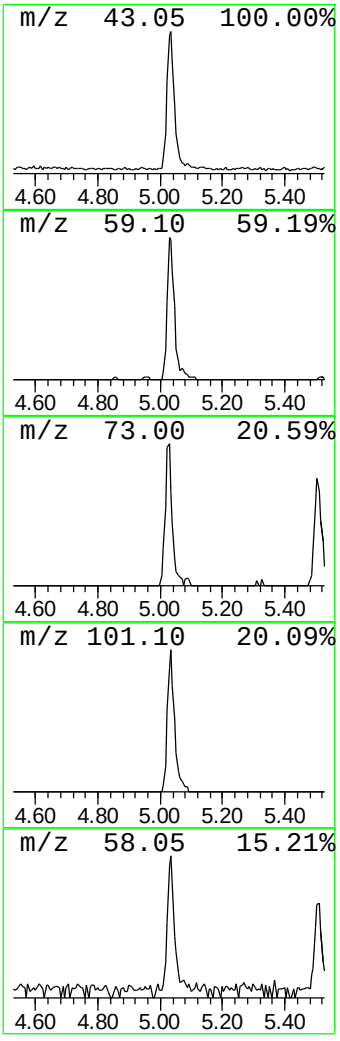
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	4.00 ng	88871	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Butane, 2-methoxy-	88	C5H12O	006795-87-5	35
3	t-Butyl nitrite	103	C4H9NO2	000540-80-7	28
4	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	25
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

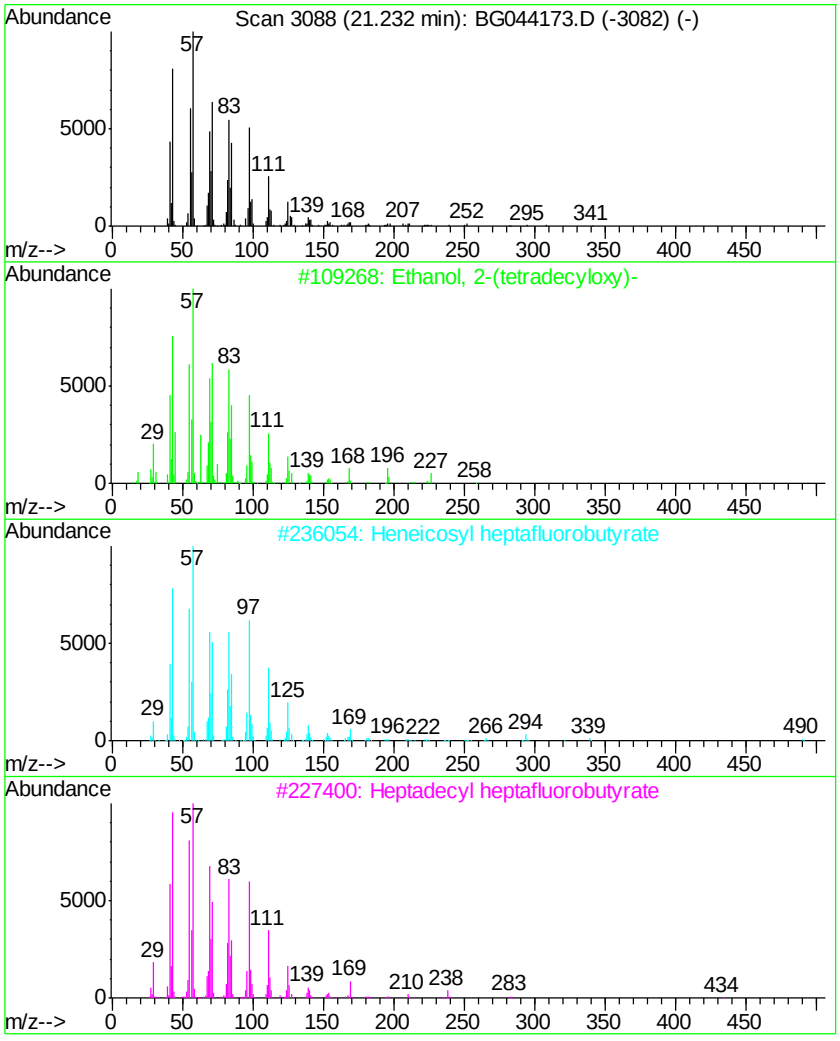
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

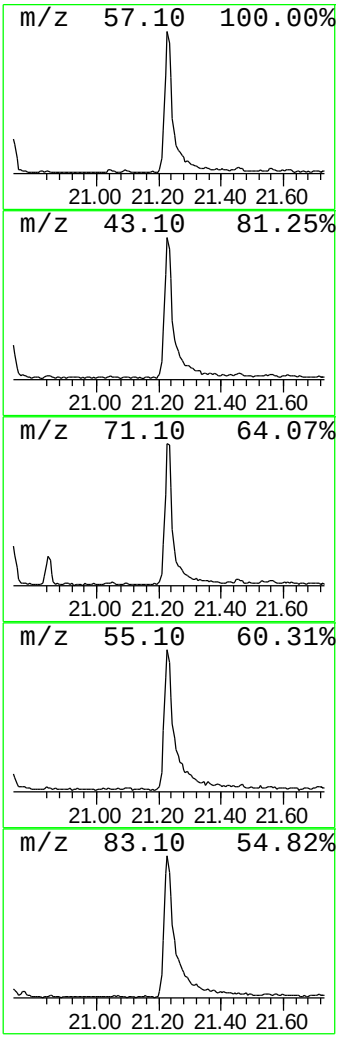
****

Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	12.41 ng	803046	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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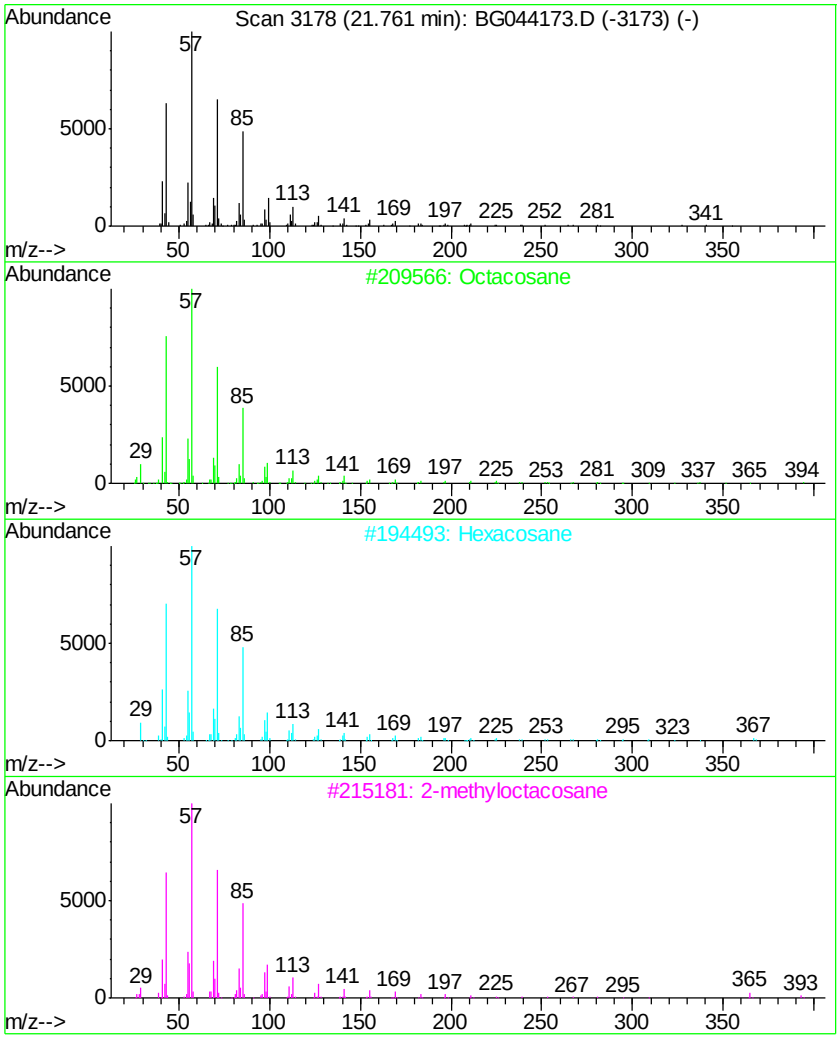
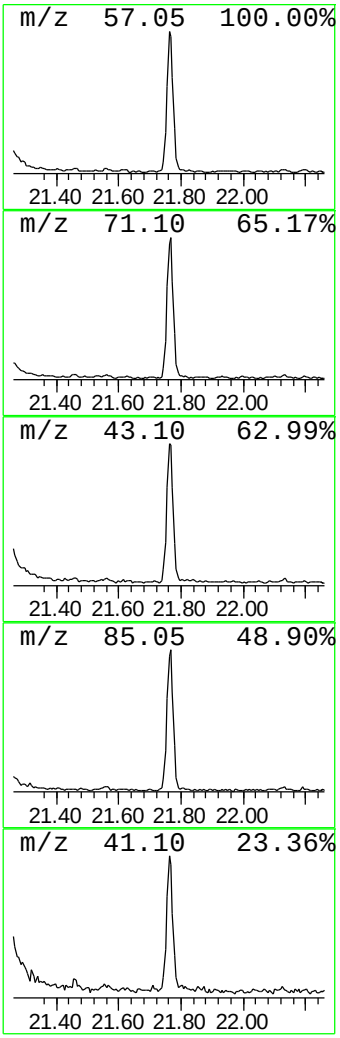
Peak Number 4 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	4.72 ng	305148	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

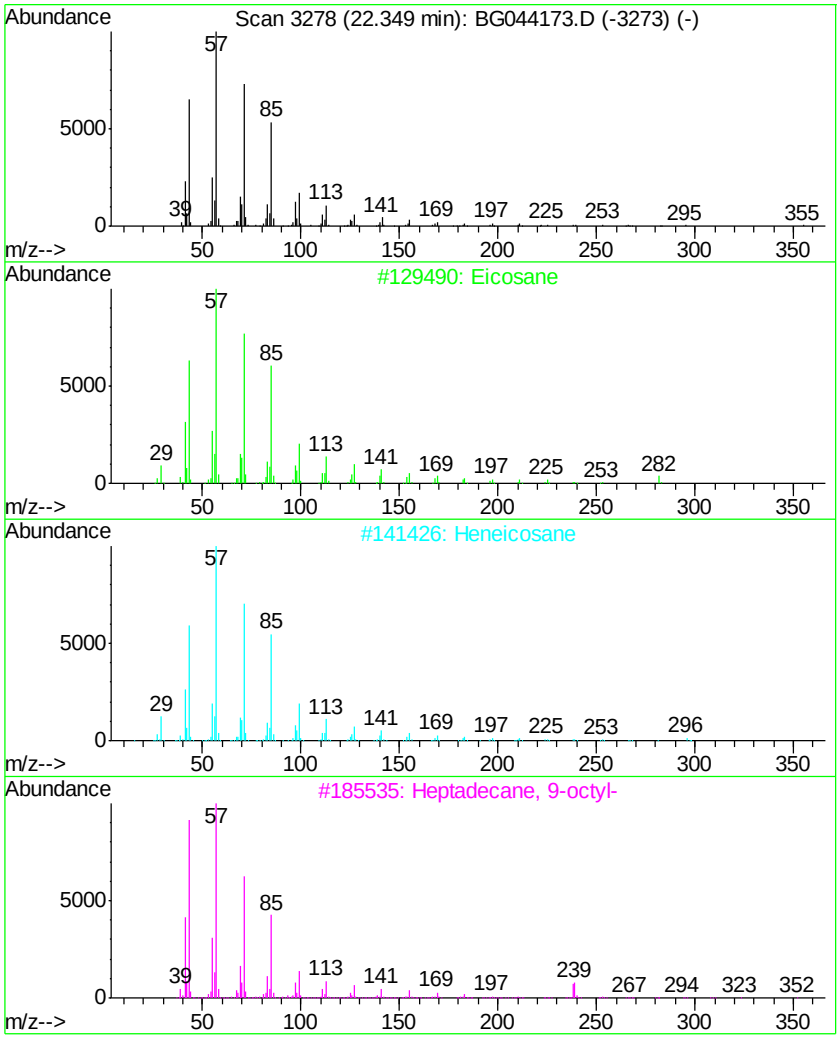
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

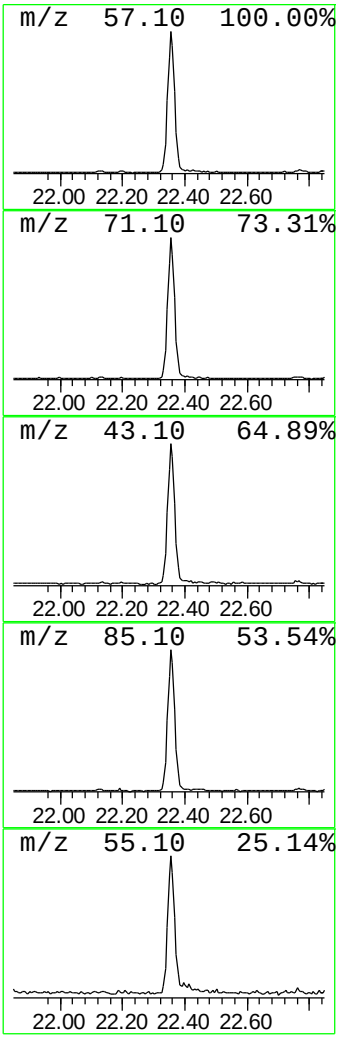
****

Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	9.11 ng	589555	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

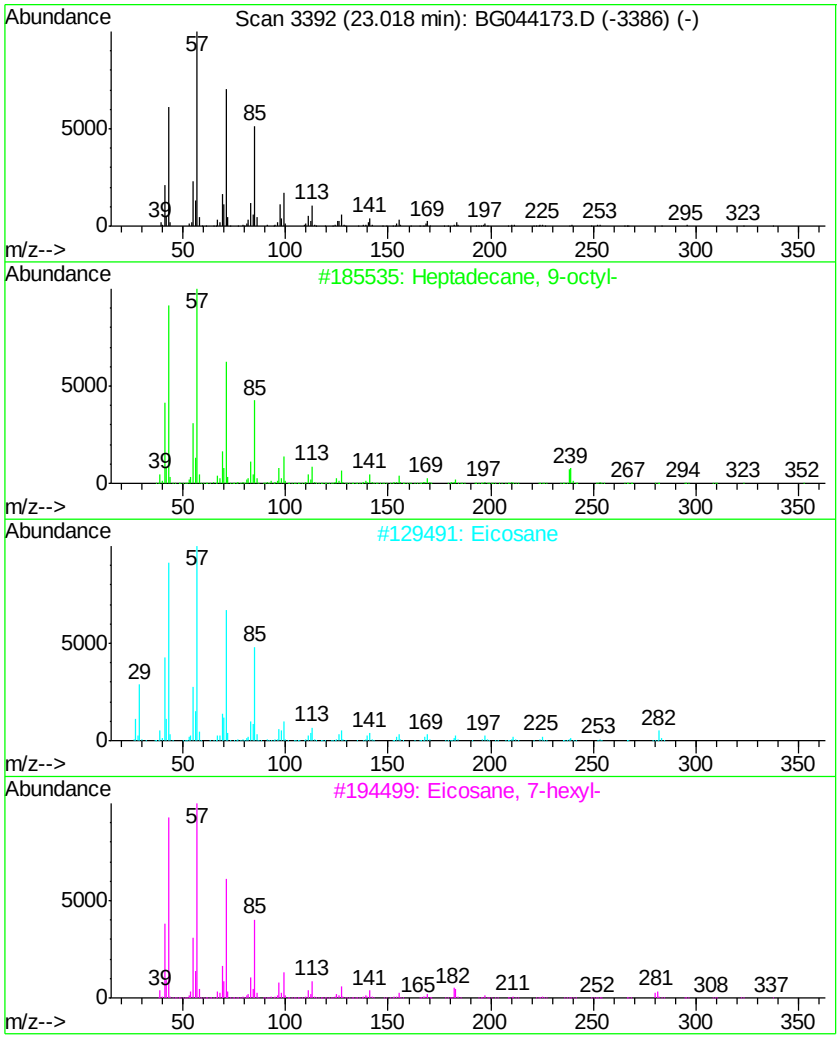
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

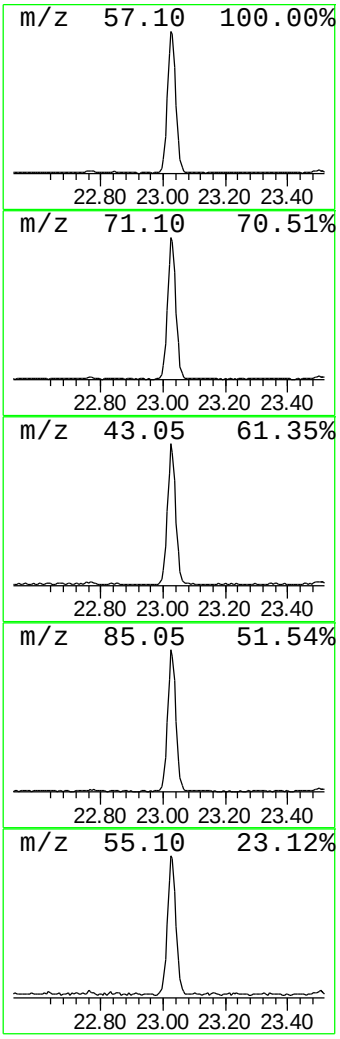
****

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	13.15 ng	850628	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

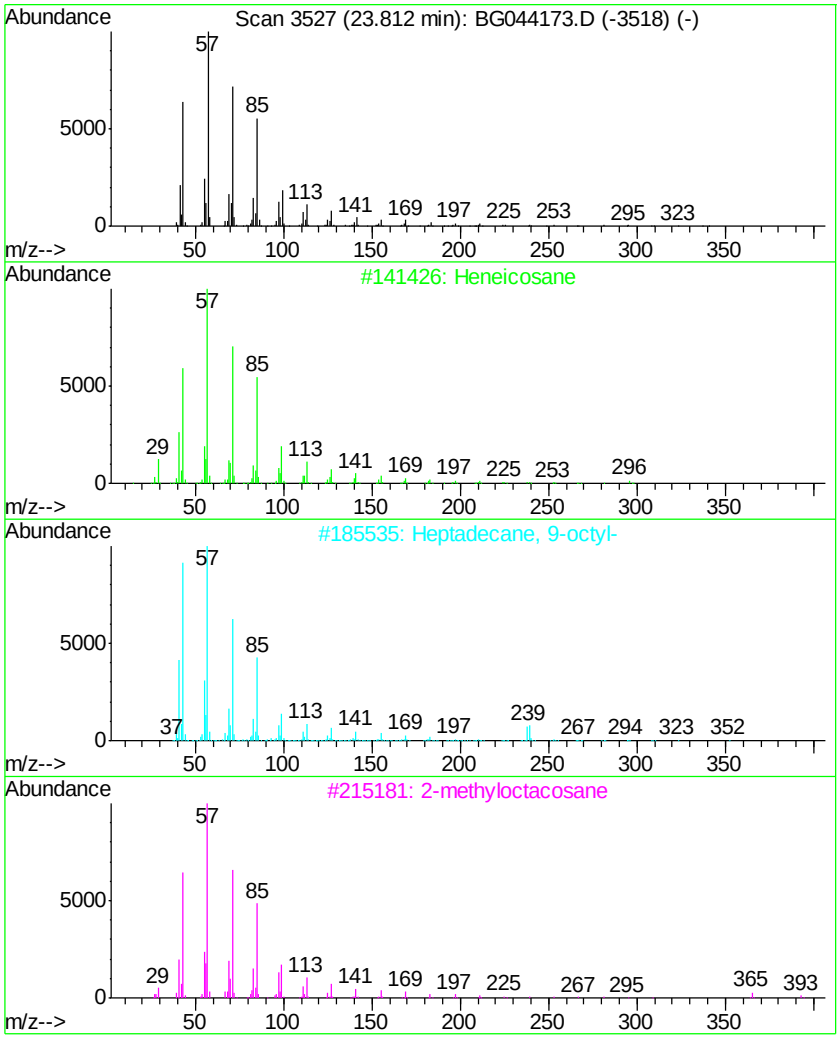
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

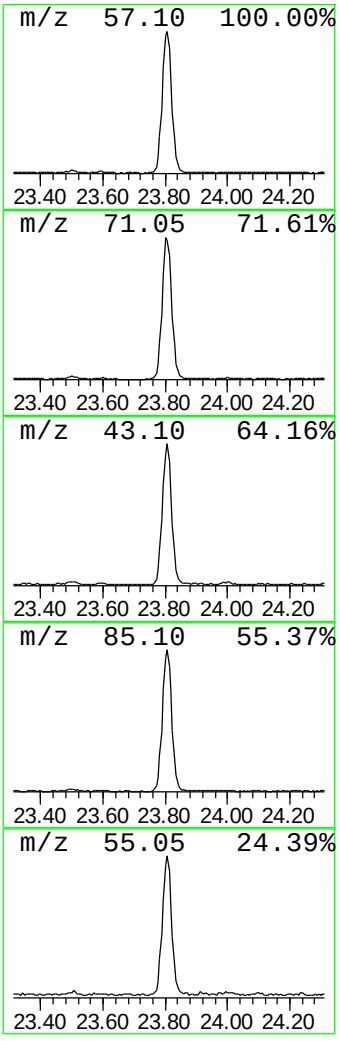
****

Peak Number 7 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	14.74 ng	981376	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

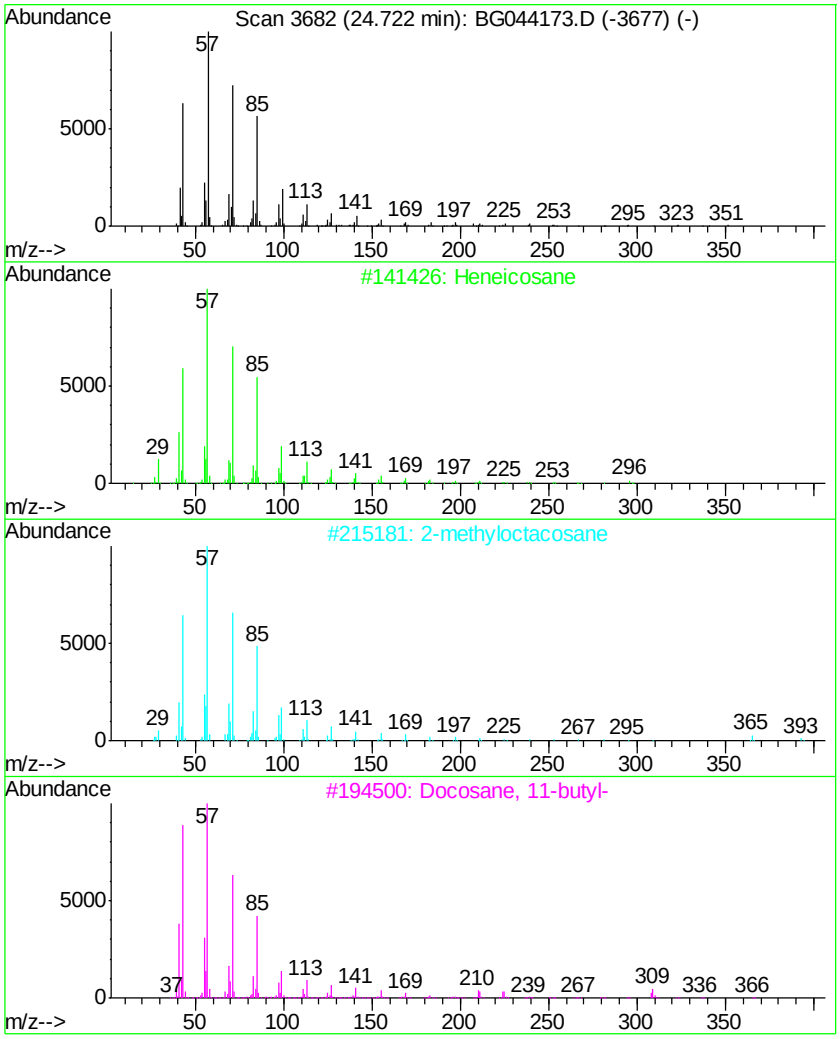
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

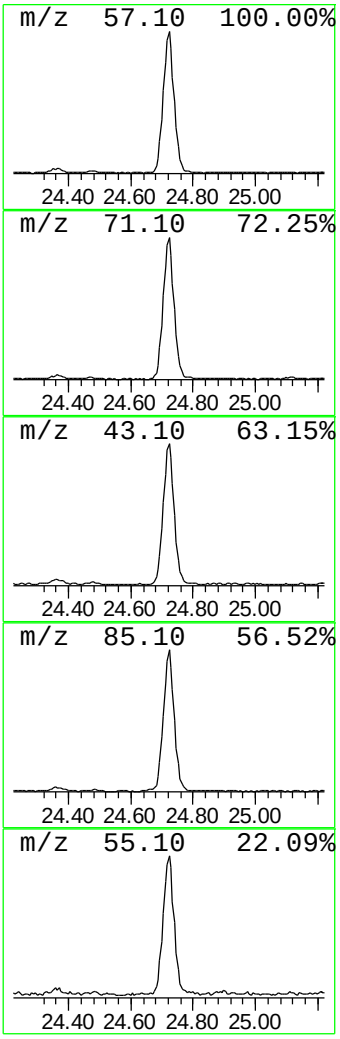
****

Peak Number 8 2-methyloctacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	14.85 ng	988395	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

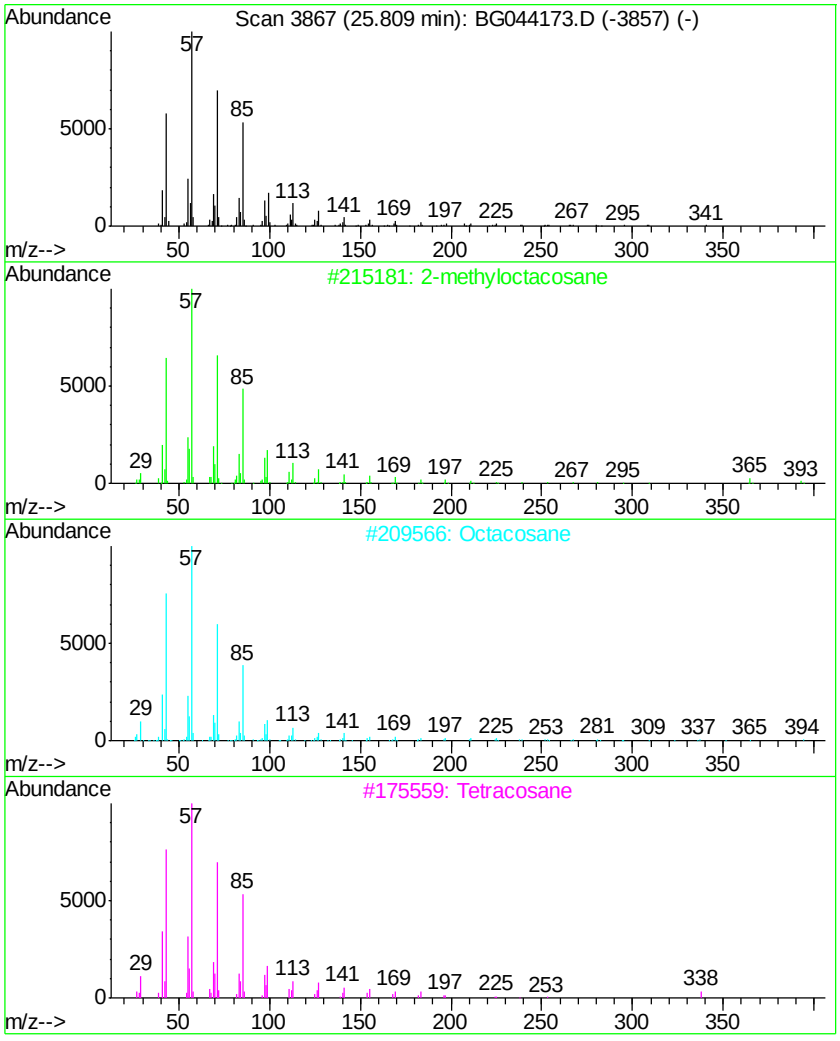
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

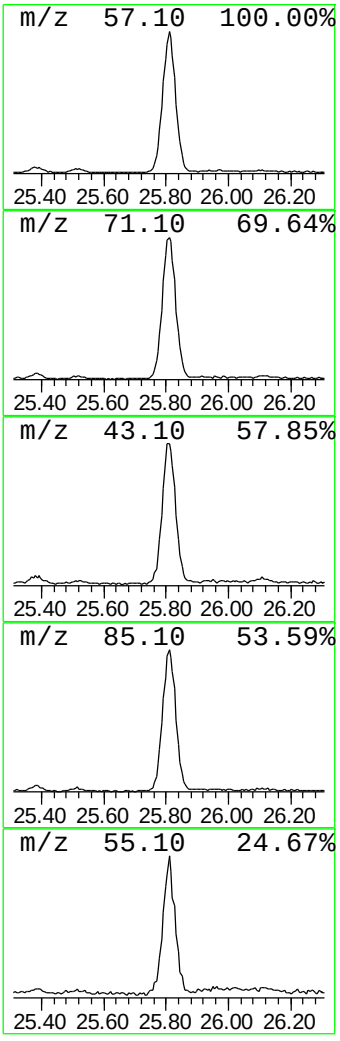
****

Peak Number 9 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	12.02 ng	800036	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

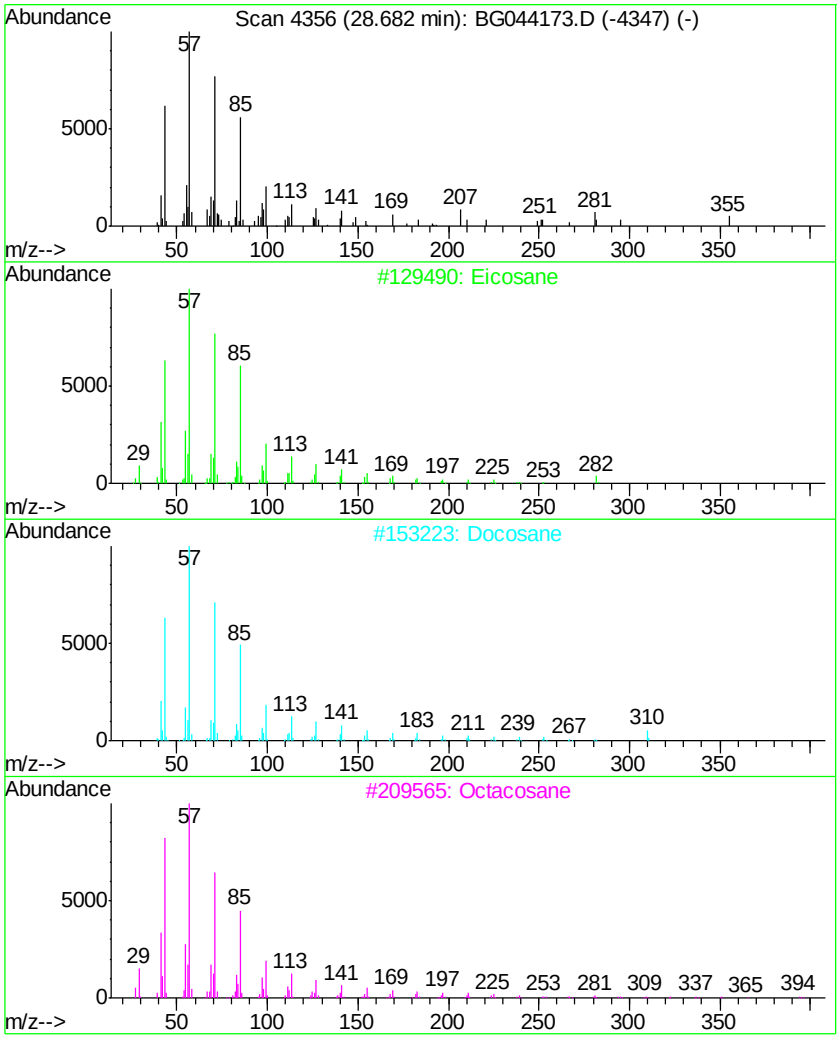
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

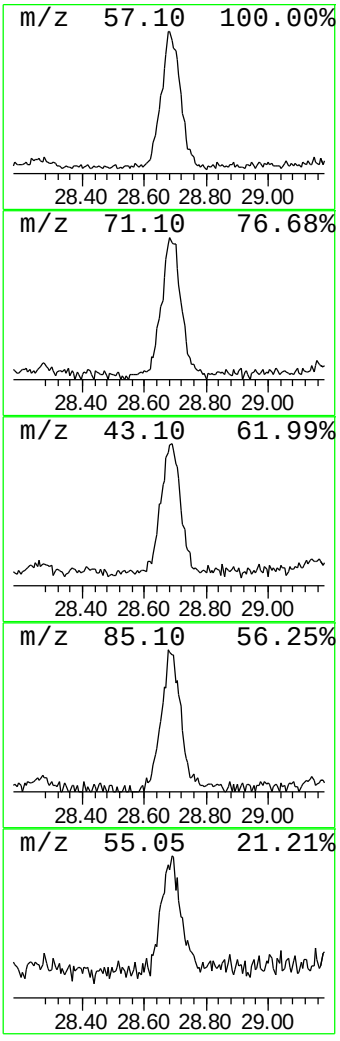
****

Peak Number 11 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.68	2.47 ng	164361	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Docosane	310	C22H46	000629-97-0	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012320\
Data File : BG044173.D
Acq On : 23 Jan 2020 18:55
Operator : JU
Sample : PB126290BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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...	5.03	4.0	ng	88871	1	7.93	444580	20.0
Ethanol, 2-(tetra...	21.23	12.4	ng	803046	5	21.56	1294060	20.0
Octacosane	21.76	4.7	ng	305148	5	21.56	1294060	20.0
Eicosane	22.35	9.1	ng	589555	5	21.56	1294060	20.0
Heptadecane, 9-oc...	23.02	13.2	ng	850628	5	21.56	1294060	20.0
Heneicosane	23.81	14.7	ng	981376	6	24.66	1331290	20.0
2-methyloctacosane	24.72	14.9	ng	988395	6	24.66	1331290	20.0
Tetracosane	25.81	12.0	ng	800036	6	24.66	1331290	20.0
Docosane	28.68	2.5	ng	164361	6	24.66	1331290	20.0