LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

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_F\METHODS\8270-BF100818.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	4.892	474	477	487	rBV	30123	42560	2.38%	0.255%
2	5.316	545	549	581	rBV	961787	1346882	75.28%	8.058%
3	6.345	720	724	741	rBV	1003151	1508190	84.29%	9.023%
4	6.469	741	745	780	rVV	1304473	1761480	98.45%	10.538%
5	6.692	780	783	806	rVV	296229	486188	27.17%	2.909%
6	6.851	806	810	837	rVB	1087505	1233761	68.96%	7.381%
7	7.257	876	879	903	rBV	670004	996802	55.71%	5.964%
8	7.975	997	1001	1022	rBV	440960	593309	33.16%	3.550%
9	9.045	1180	1183	1197	rBV	1612989	1789200	100.00%	10.704%
10	9.445	1247	1251	1266	rBV	132293	150644	8.42%	0.901%
11	9.722	1294	1298	1308	rBV	656254	666377	37.24%	3.987%
12	10.510	1428	1432	1450	rBV	704659	934173	52.21%	5.589%
13	10.627	1450	1452	1462	rVB4	11481	21921	1.23%	0.131%
14	11.198	1546	1549	1568	rBV	489546	693485	38.76%	4.149%
15	11.739	1638	1641	1647	rBV6	12365	22474	1.26%	0.134%
16	12.410	1752	1755	1764	rBV	39006	51659	2.89%	0.309%
17	12.521	1770	1774	1780	rBV3	13080	23345	1.30%	0.140%
18	12.633	1787	1793	1797	rBV	36825	54053	3.02%	0.323%
19	12.780	1814	1818	1828	rBV	1259862	1317581	73.64%	7.883%
20	13.357	1912	1916	1919	rBV	22651	20617	1.15%	0.123%
21	13.686	1968	1972	1981	rBV2	57554	91268	5.10%	0.546%
22	13.827	1991	1996	2010	rBV	435762	574002	32.08%	3.434%
23	13.998	2021	2025	2028	rBV	53487	48893	2.73%	0.293%
24	14.298	2073	2076	2081	rBV	80432	82396	4.61%	0.493%
25	14.592	2122	2126	2132	rBV	175510	178895	10.00%	1.070%
26	14.839	2164	2168	2174	rBV	24376	51328	2.87%	0.307%
27	14.904	2175	2179	2183	rVV	246505	269143	15.04%	1.610%
28	15.115	2212	2215	2221	rVB	16626	22875	1.28%	0.137%
29	15.174	2222	2225	2229	rBV	20502	26465	1.48%	0.158%
30	15.227	2229	2234	2236	rVV	374098	525729	29.38%	3.145%
31	15.251	2236	2238	2250	rVB	345054	402287	22.48%	2.407%
32	15.645	2300	2305	2313	rBV	214425	332886	18.61%	1.992%
33	15.856	2338	2341	2349	rBV8	15607	23160	1.29%	0.139%
34	16.103	2376	2383	2391	rBV	112110	215921	12.07%	1.292%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

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_F\METHODS\8270-BF100818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.250	2404	2408	2415	rVB8	16148	31716	1.77%	0.190%
36	16.633	2469	2473	2482	rVB2	43667	84271	4.71%	0.504%
37	17.262	2575	2580	2585	rVB4	18910	38798	2.17%	0.232%

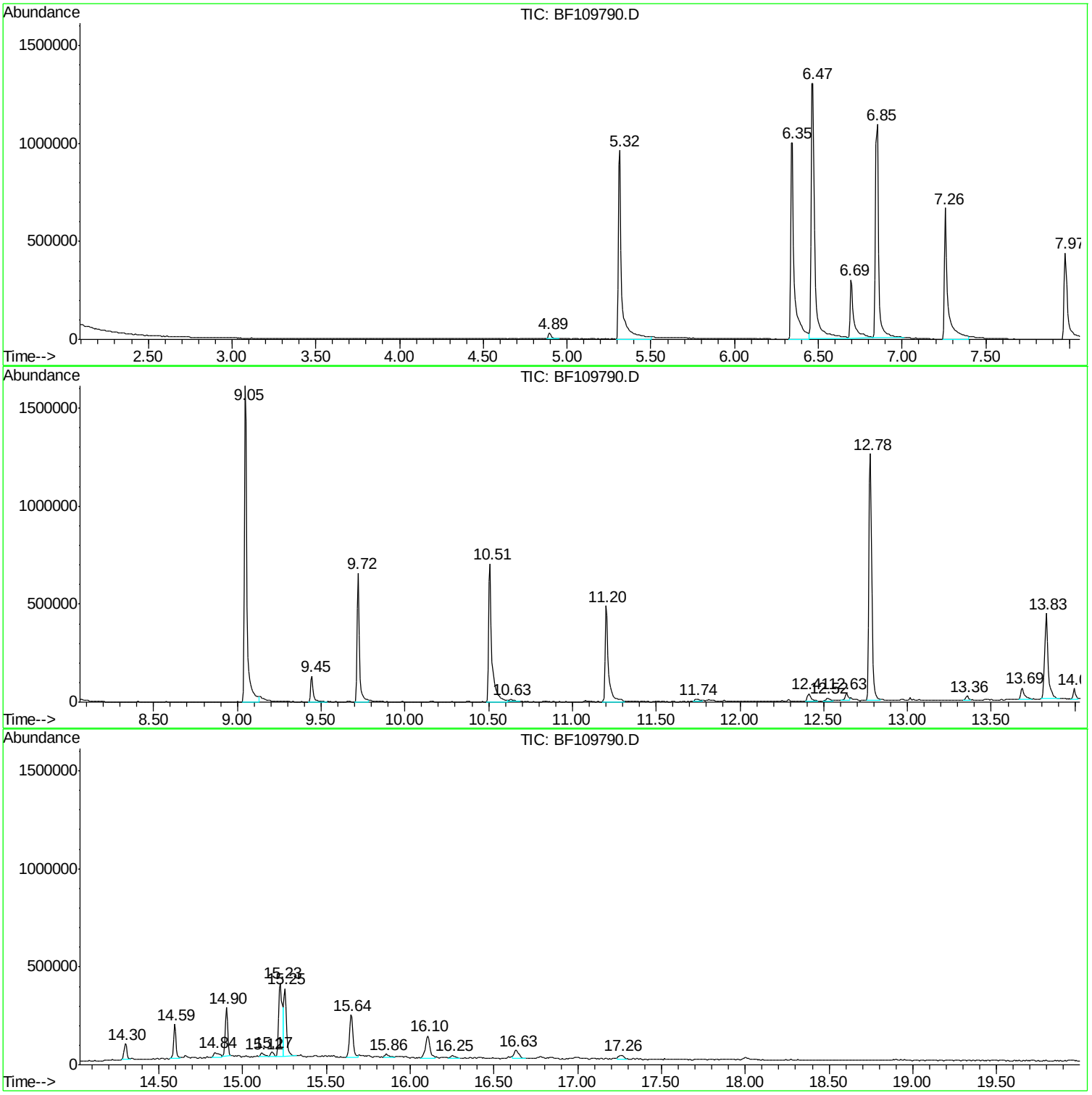
Sum of corrected areas: 16714734

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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 F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

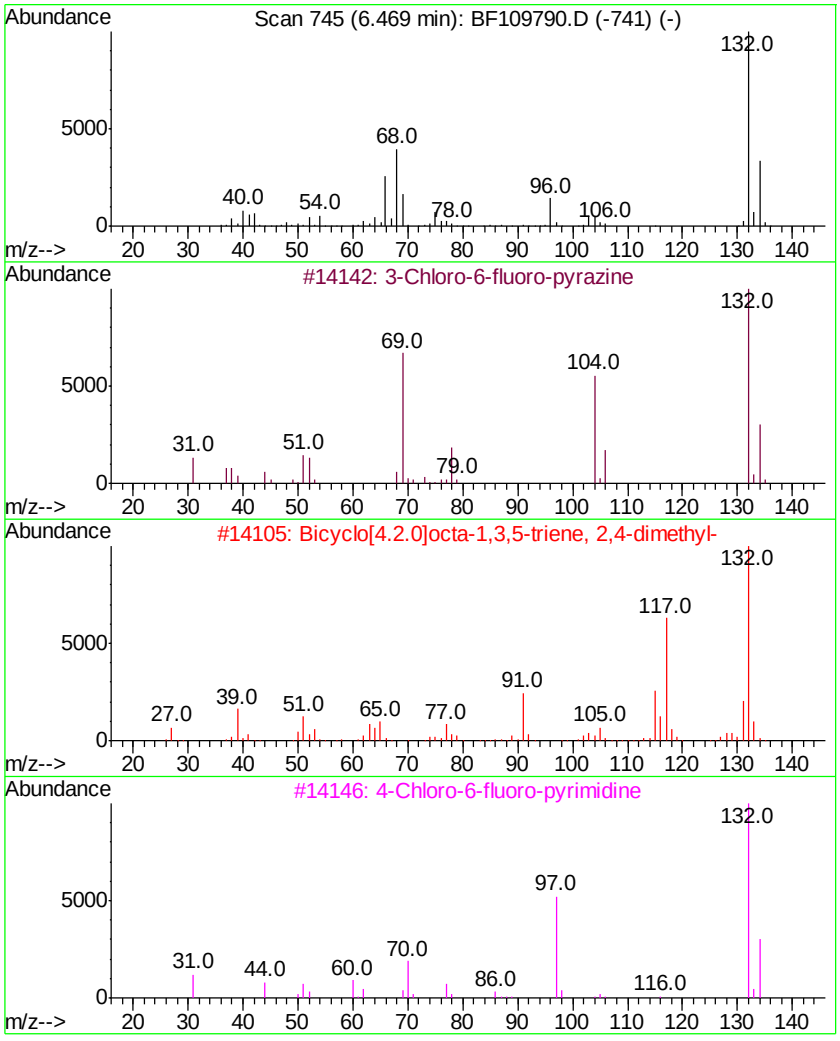
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

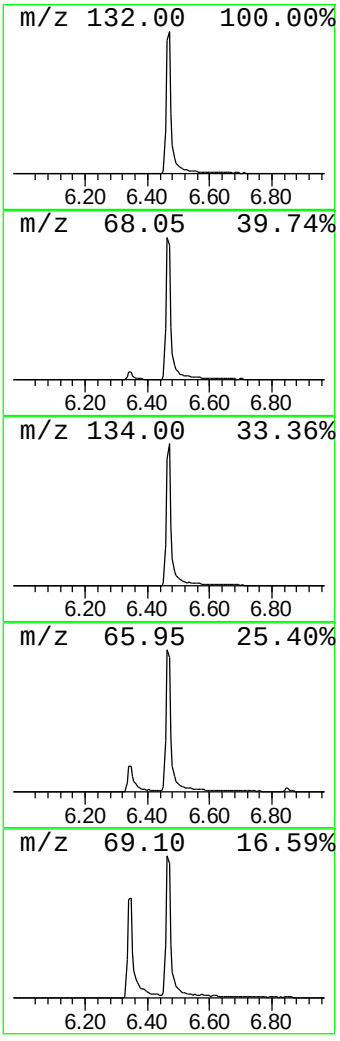
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	72.46 ng	1761480	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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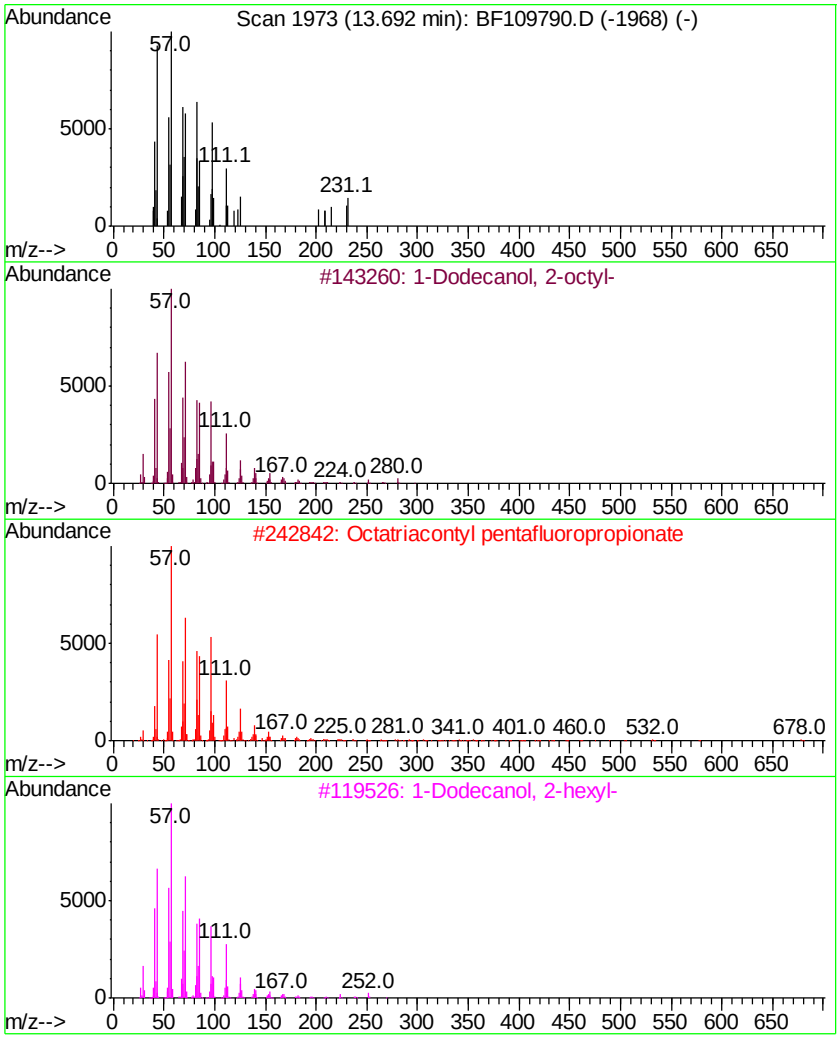
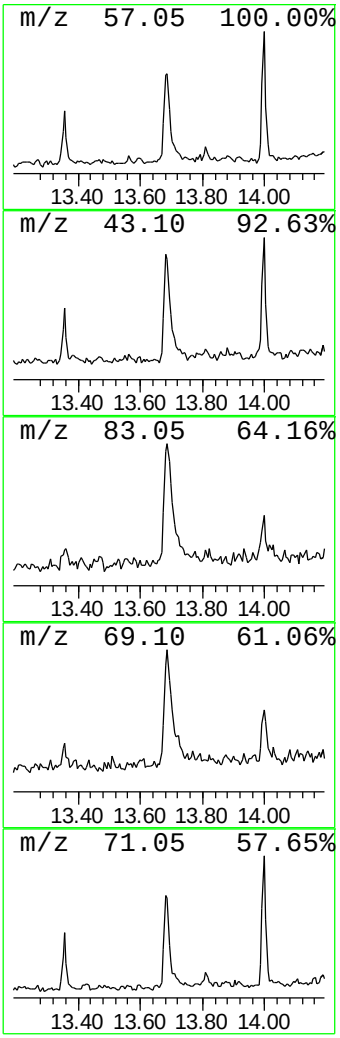
Peak Number 3 1-Dodecanol, 2-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.18 ng	91268	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	83
4	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	83
5	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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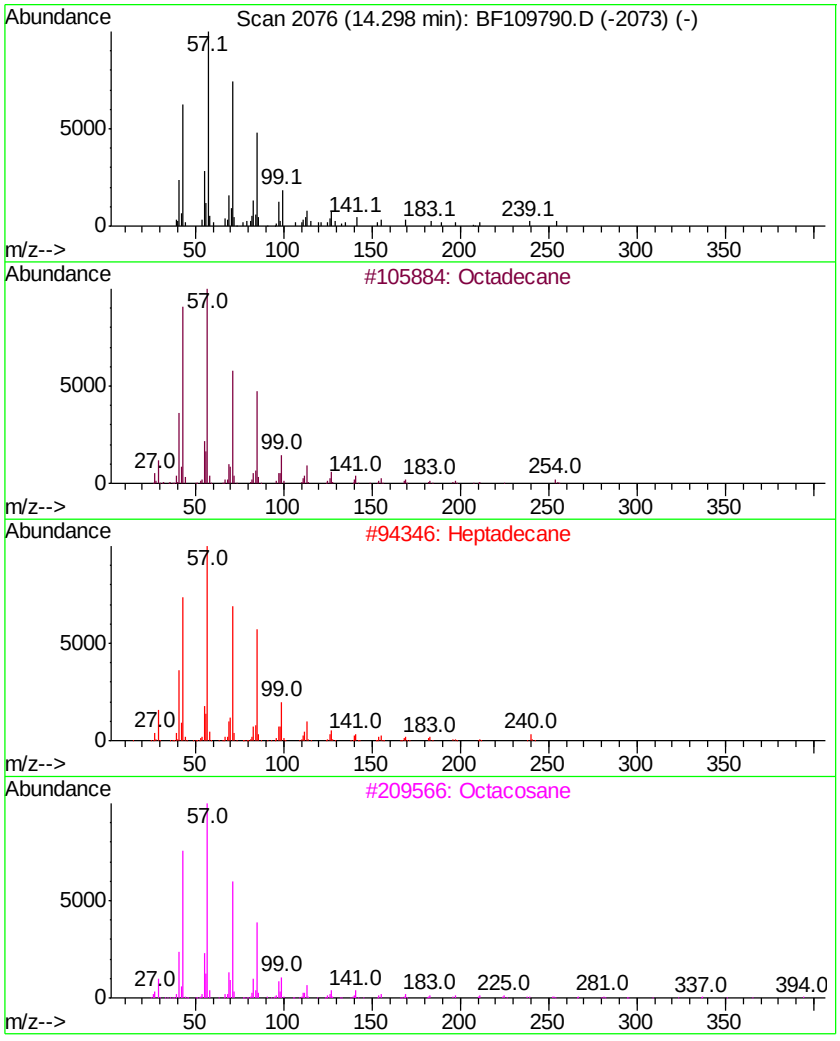
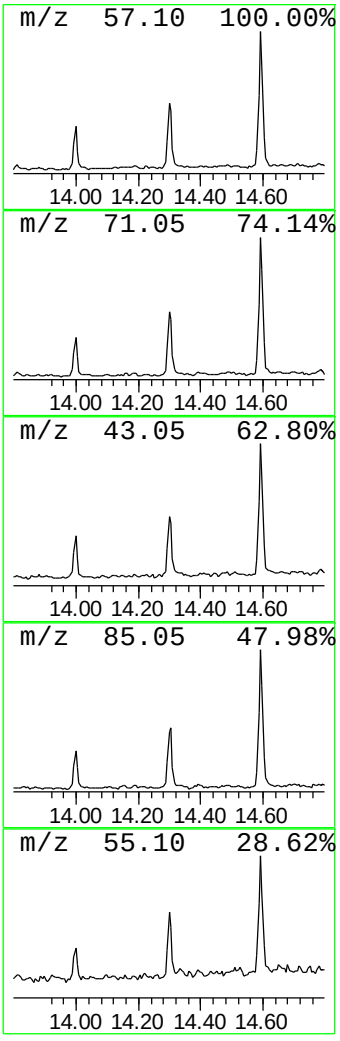
Peak Number 4 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.87 ng	82396	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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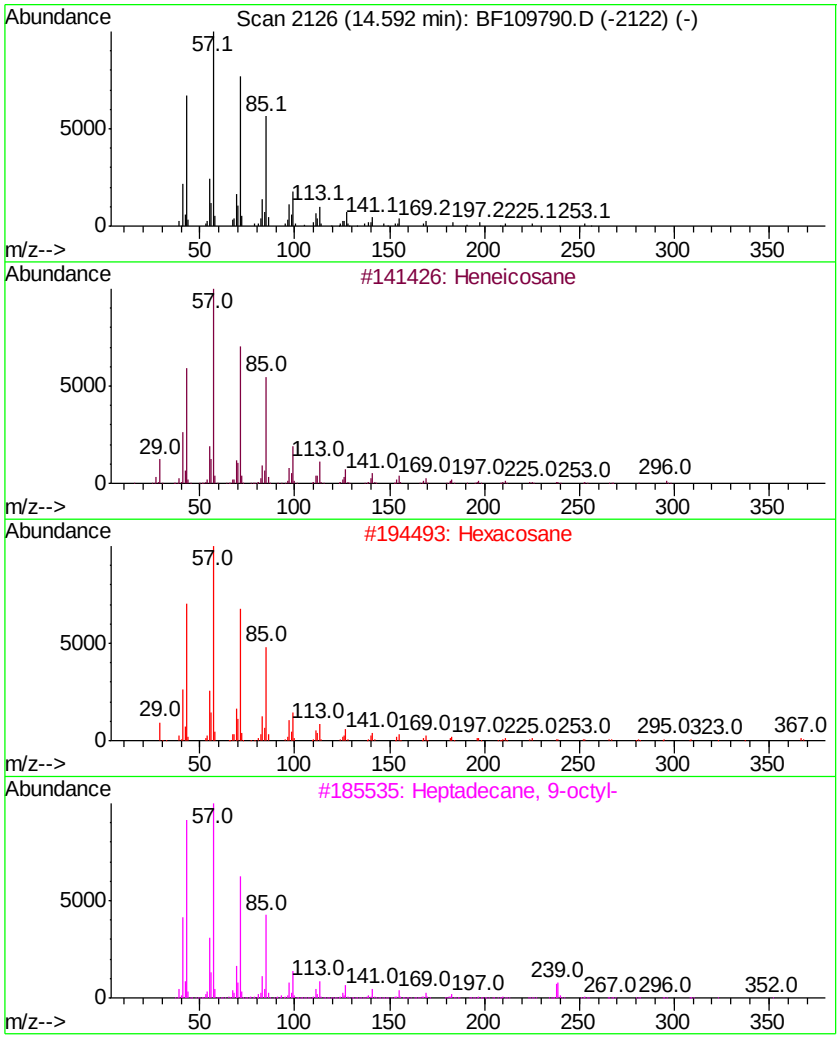
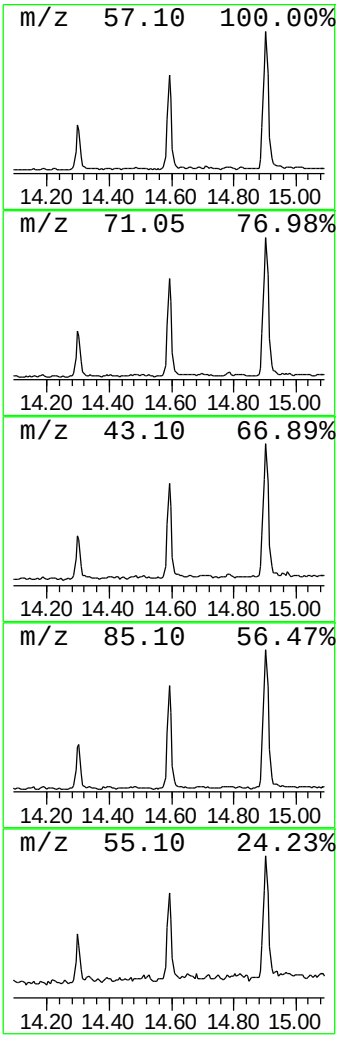
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	6.81 ng	178895	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetratetracontane	619	C44H90	007098-22-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

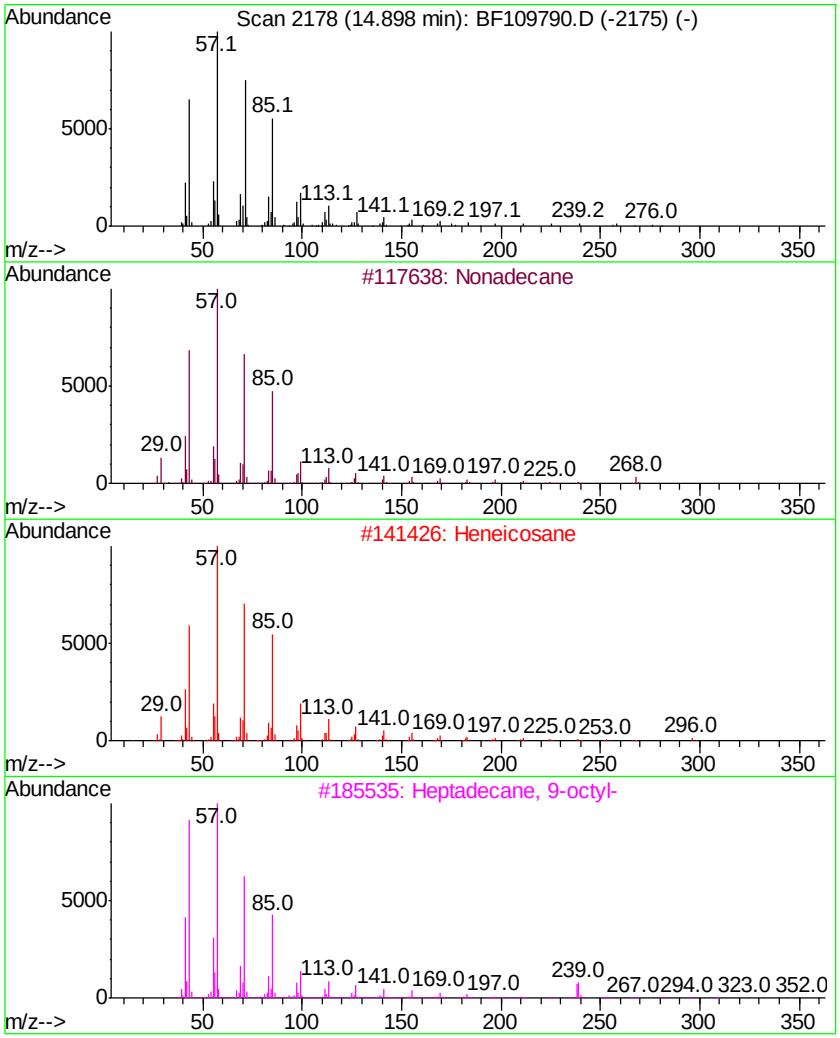
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

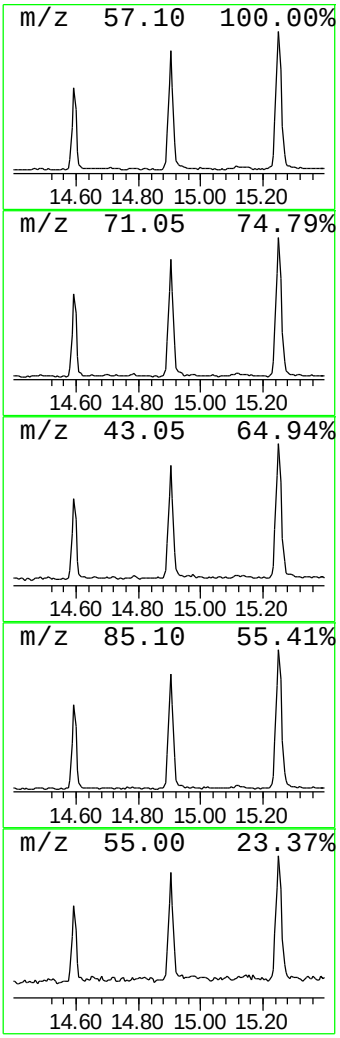
****

Peak Number 6 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	10.24 ng	269143	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

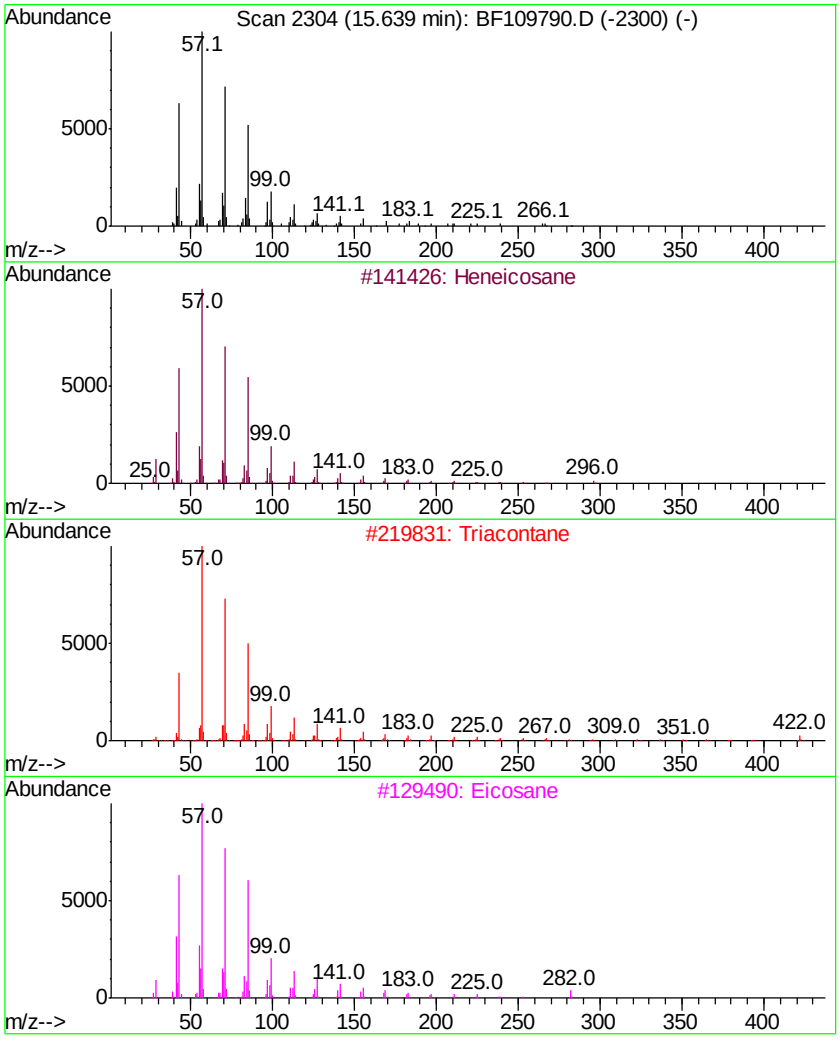
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

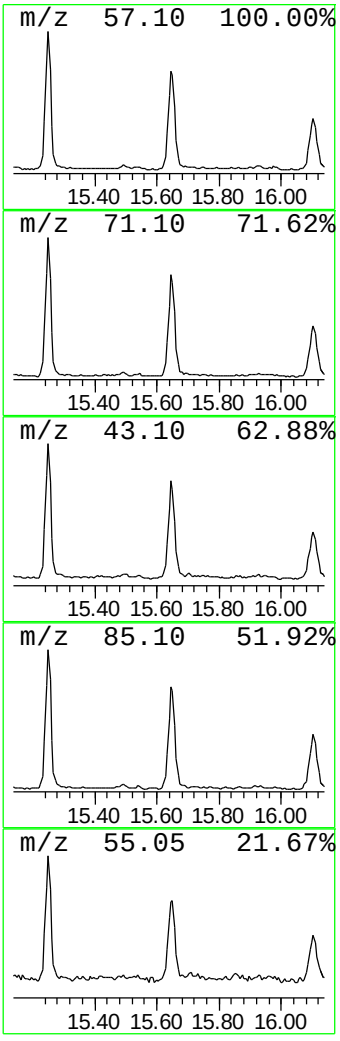
****

Peak Number 7 Triacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	12.66 ng	332886	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Eicosane	282	C20H42	000112-95-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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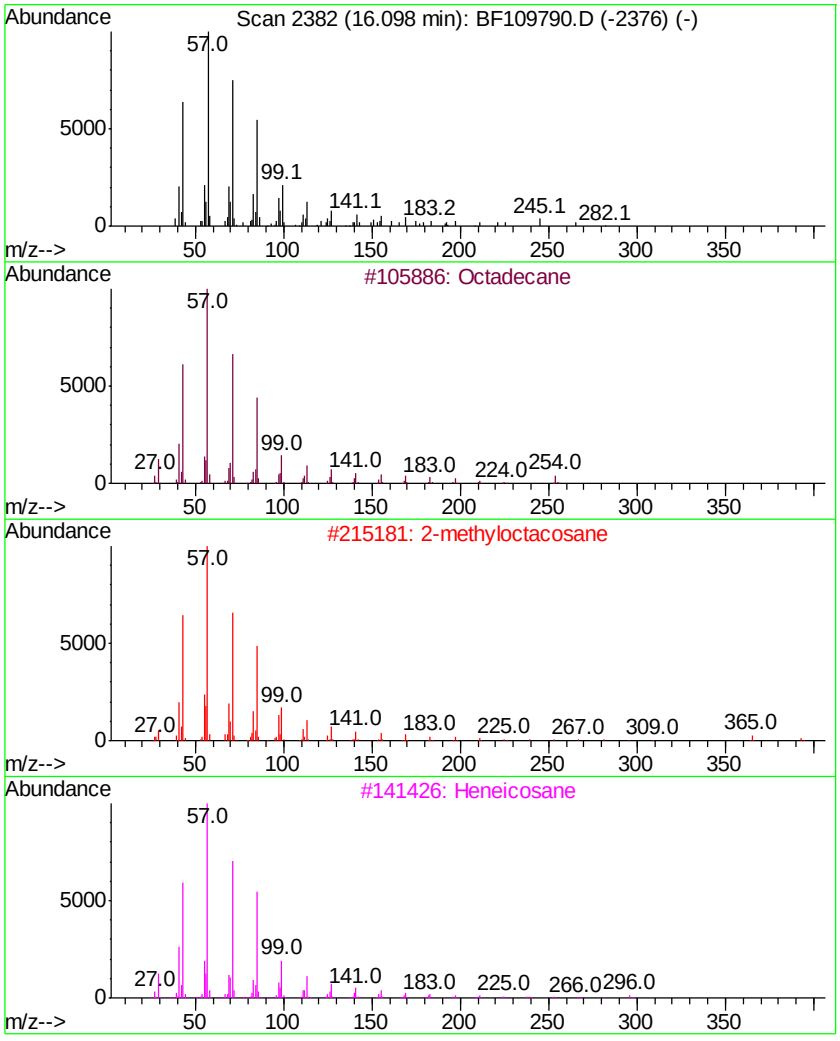
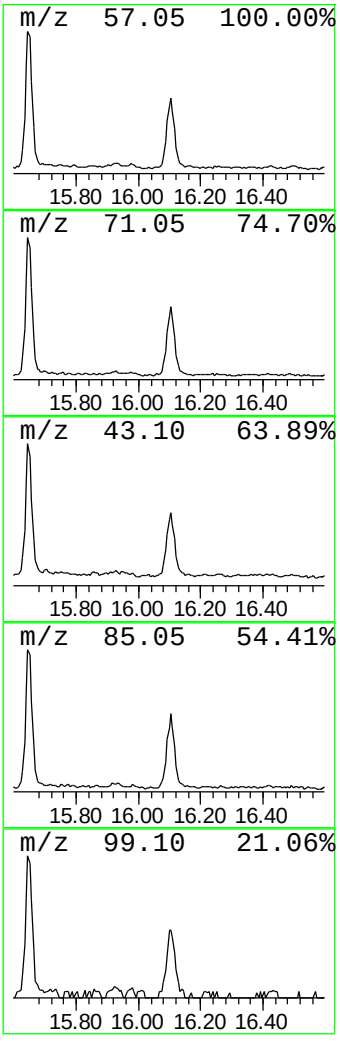
Peak Number 8 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	8.21 ng	215921	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

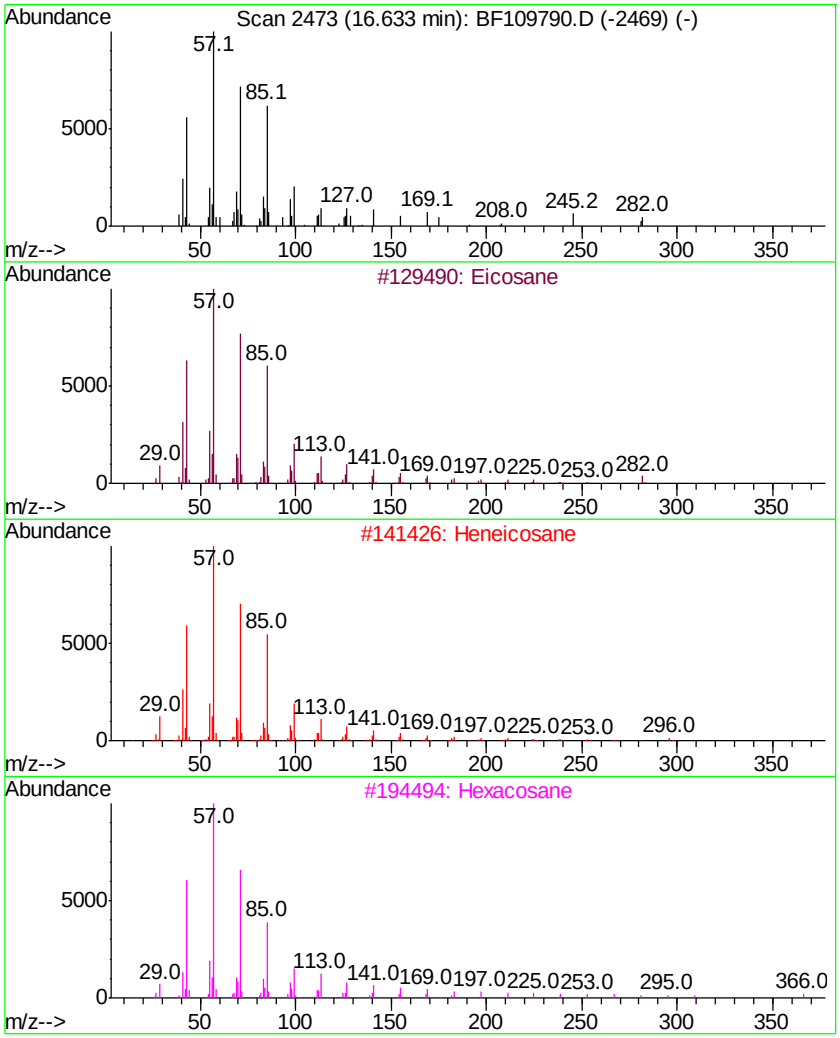
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

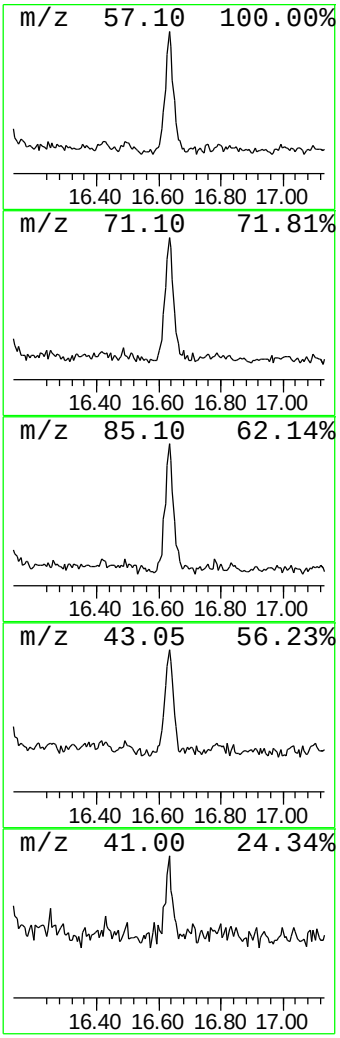
****

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	3.21 ng	84271	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
Data File : BF109790.D
Acq On : 11 Oct 2018 16:47
Operator : JU/SJ
Sample : J5394-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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
unknown6.47	6.47	72.5	ng	1761480	1	6.69	486188	20.0
1-Dodecanol, 2-oc...	13.69	3.2	ng	91268	5	13.83	574002	20.0
Octadecane	14.30	2.9	ng	82396	5	13.83	574002	20.0
Heneicosane	14.59	6.8	ng	178895	6	15.23	525729	20.0
Nonadecane	14.90	10.2	ng	269143	6	15.23	525729	20.0
Triacontane	15.64	12.7	ng	332886	6	15.23	525729	20.0
2-methyloctacosane	16.10	8.2	ng	215921	6	15.23	525729	20.0
Eicosane	16.63	3.2	ng	84271	6	15.23	525729	20.0