LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

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_F\METHODS\8270-BF022020.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	4.946	483	486	497	rBV	24047	38211	1.07%	0.117%
2	5.357	553	556	573	rBV	1981376	2379921	66.83%	7.291%
3	6.381	726	730	754	rBV	2507939	2462754	69.16%	7.545%
4	6.734	787	790	799	rBV	881976	744128	20.90%	2.280%
5	6.893	813	817	831	rVB	2448722	2289844	64.30%	7.015%
6	7.298	882	886	898	rBV	1825565	1699523	47.73%	5.207%
7	8.016	1003	1008	1014	rBV	1087690	1008629	28.32%	3.090%
8	8.439	1076	1080	1086	rBV2	41486	44796	1.26%	0.137%
9	8.610	1106	1109	1113	rBV	163304	135143	3.80%	0.414%
10	9.092	1186	1191	1194	rBV	3735318	3561051	100.00%	10.910%
11	9.175	1202	1205	1210	rVB	167112	138910	3.90%	0.426%
12	9.481	1254	1257	1262	rBV	234114	228322	6.41%	0.699%
13	9.763	1301	1305	1310	rBV	1253932	1196942	33.61%	3.667%
14	10.557	1436	1440	1457	rBV	2309893	2191822	61.55%	6.715%
15	10.675	1457	1460	1465	rVV3	30872	43152	1.21%	0.132%
16	11.116	1529	1535	1538	rBV4	33130	42185	1.18%	0.129%
17	11.151	1538	1541	1546	rVB	34929	39146	1.10%	0.120%
18	11.251	1554	1558	1560	rBV	1247340	1148520	32.25%	3.519%
19	11.275	1560	1562	1565	rVB	116816	99230	2.79%	0.304%
20	11.492	1595	1599	1604	rBV6	22966	37806	1.06%	0.116%
21	11.780	1645	1648	1659	rBV	480430	523086	14.69%	1.603%
22	11.951	1674	1677	1681	rBV	45109	35727	1.00%	0.109%
23	12.227	1721	1724	1730	rVB6	29305	45062	1.27%	0.138%
24	12.298	1733	1736	1739	rBV	50357	63186	1.77%	0.194%
25	12.333	1740	1742	1745	rVB	59766	56806	1.60%	0.174%
26	12.463	1760	1764	1766	rBV	178859	164360	4.62%	0.504%
27	12.563	1777	1781	1787	rBV2	392422	478207	13.43%	1.465%
28	12.686	1798	1802	1804	rBV	176349	185373	5.21%	0.568%
29	12.833	1822	1827	1830	rBV	3559066	3415426	95.91%	10.464%
30	13.063	1863	1866	1869	rBV2	101697	94149	2.64%	0.288%
31	13.404	1921	1924	1927	rBV	118143	98551	2.77%	0.302%
32	13.733	1977	1980	1990	rVB2	344734	479970	13.48%	1.470%
33	13.863	1999	2002	2003	rBV	143082	135899	3.82%	0.416%
34	13.886	2003	2006	2009	rVB	983799	890508	25.01%	2.728%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

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_F\METHODS\8270-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.045	2030	2033	2038	rBV	319752	341191	9.58%	1.045%
36	14.351	2082	2085	2089	rBV	490092	459581	12.91%	1.408%
37	14.645	2132	2135	2139	rBV	714764	743608	20.88%	2.278%
38	14.968	2186	2190	2196	rVB	879175	1097370	30.82%	3.362%
39	15.321	2245	2250	2257	rBV2	1462730	2144774	60.23%	6.571%
40	15.727	2315	2319	2325	rVB	676396	1015237	28.51%	3.110%
41	16.198	2395	2399	2404	rVB	386592	642820	18.05%	1.969%

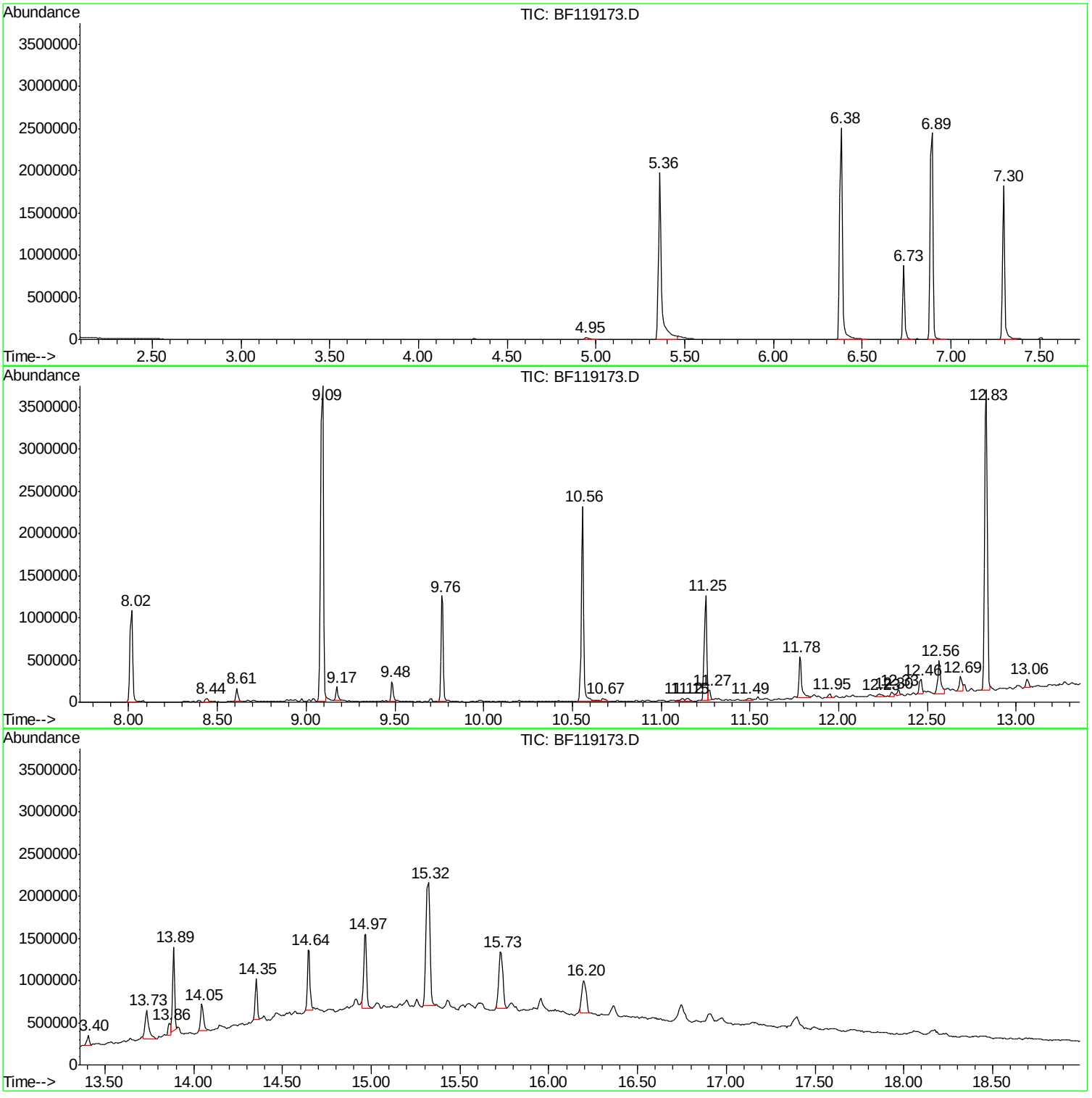
Sum of corrected areas: 32640926

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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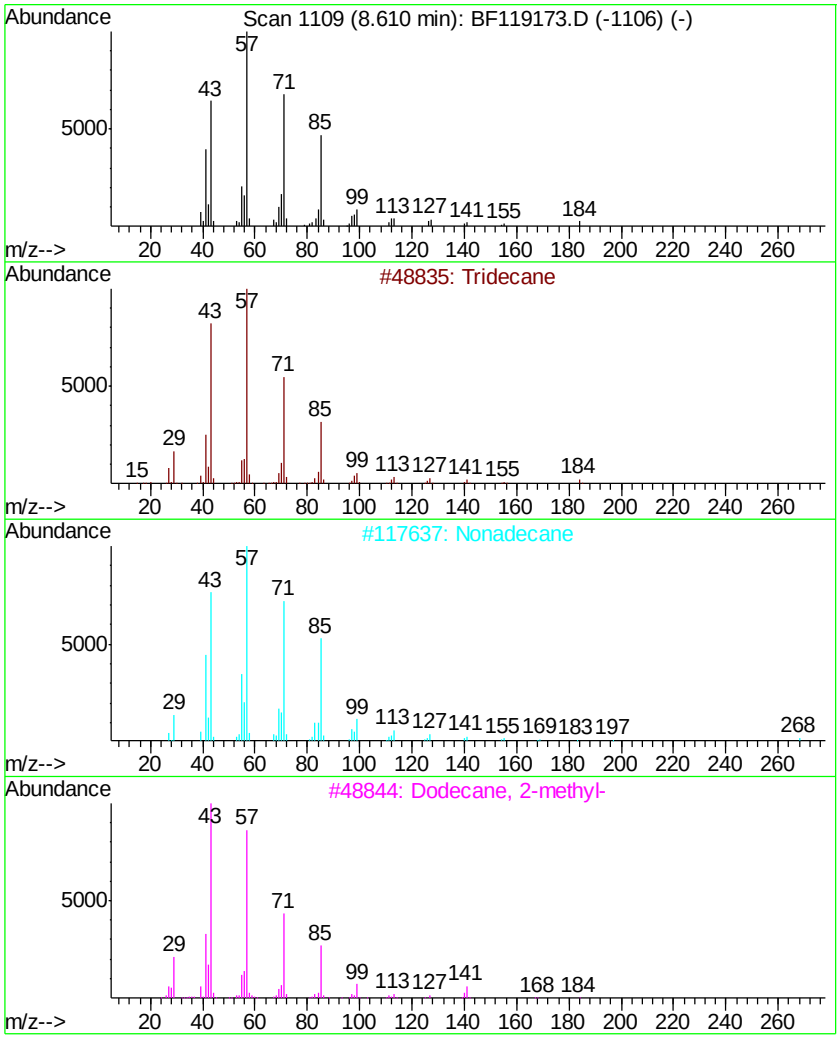
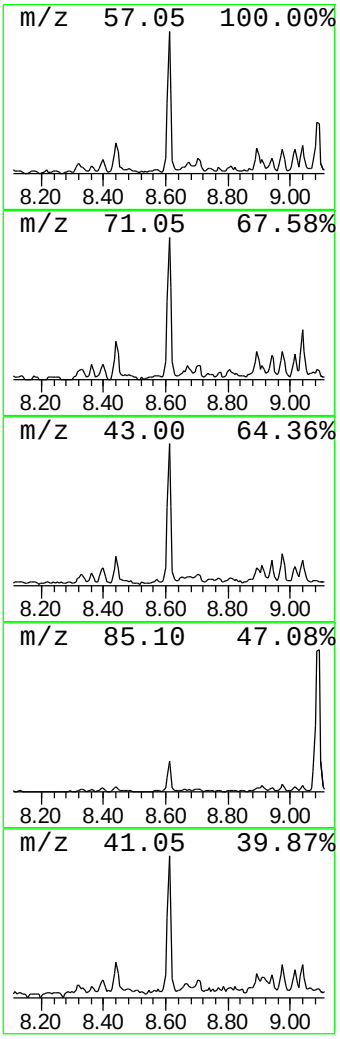
Peak Number 2 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	2.68 ng	135143	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Nonadecane	268	C19H40	000629-92-5	86
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4	Hexadecane	226	C16H34	000544-76-3	74
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

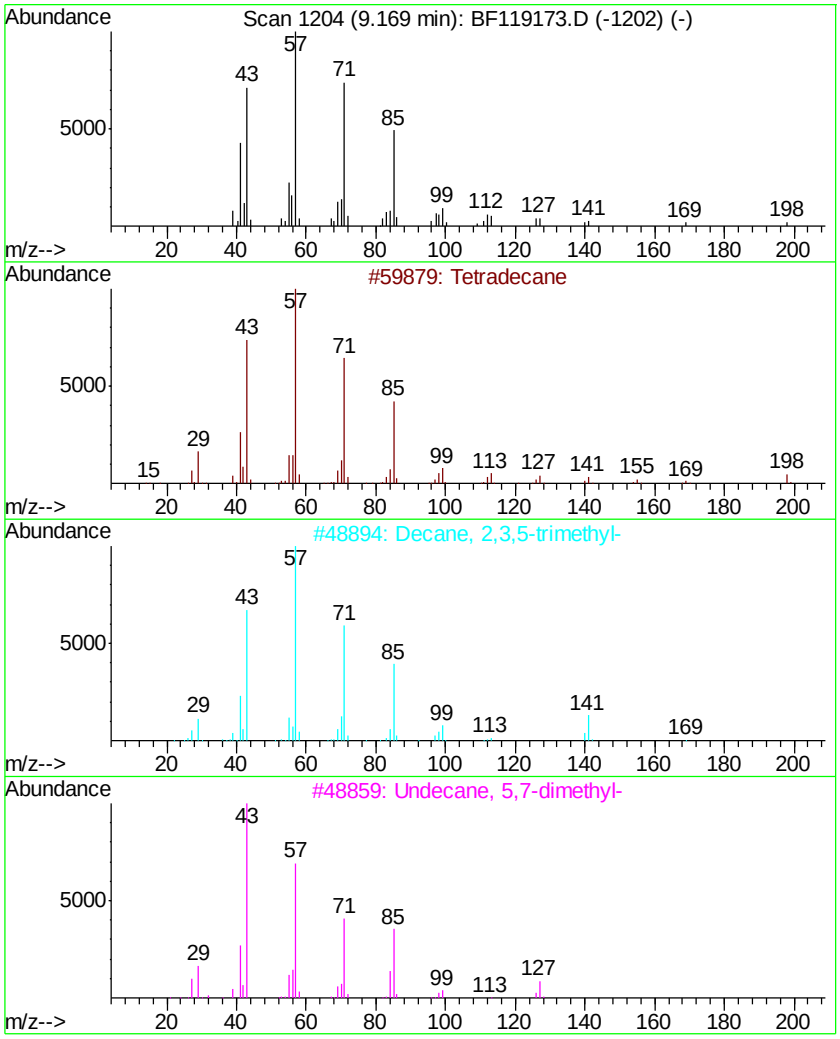
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

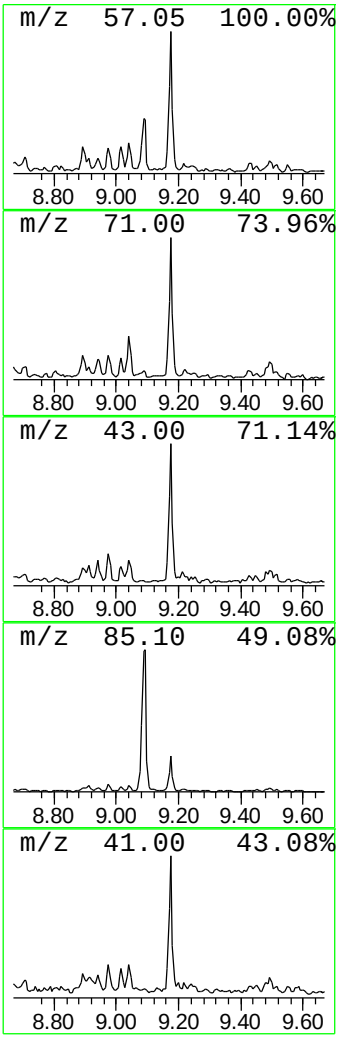
****

Peak Number 3 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.32 ng	138910	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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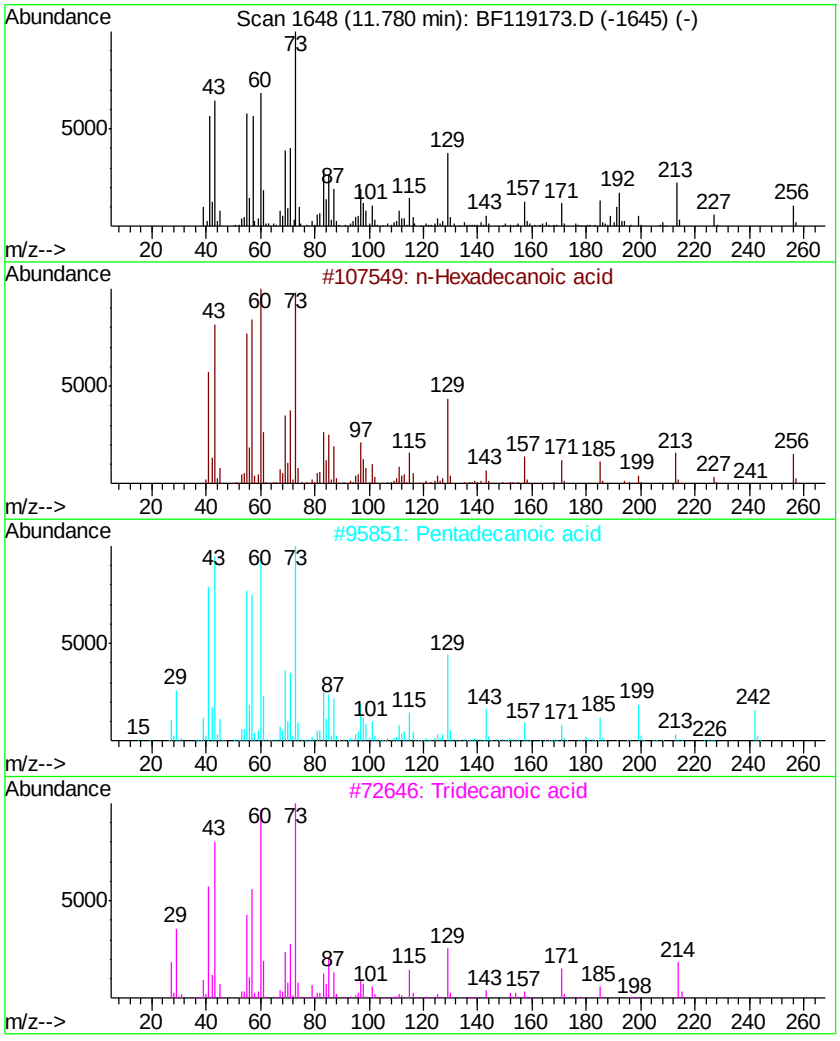
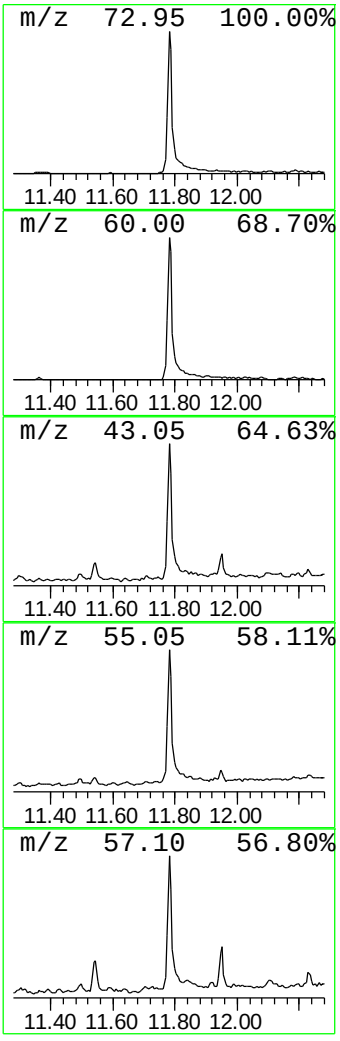
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	9.11 ng	523086	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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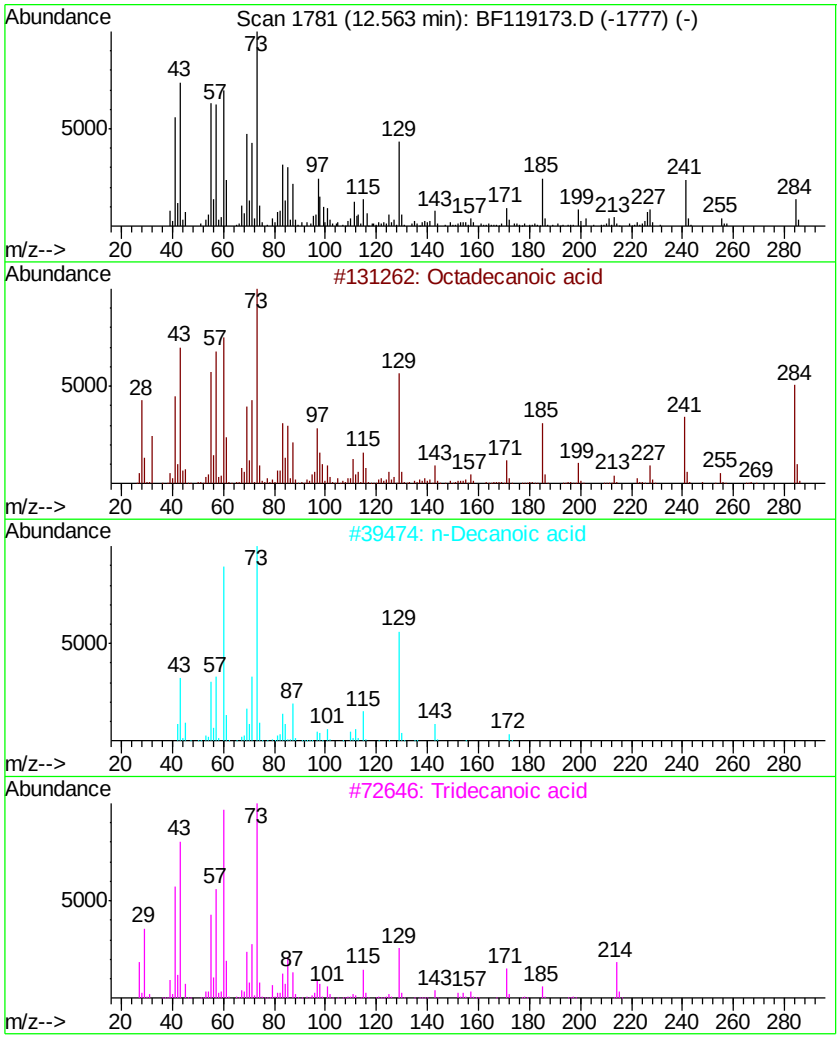
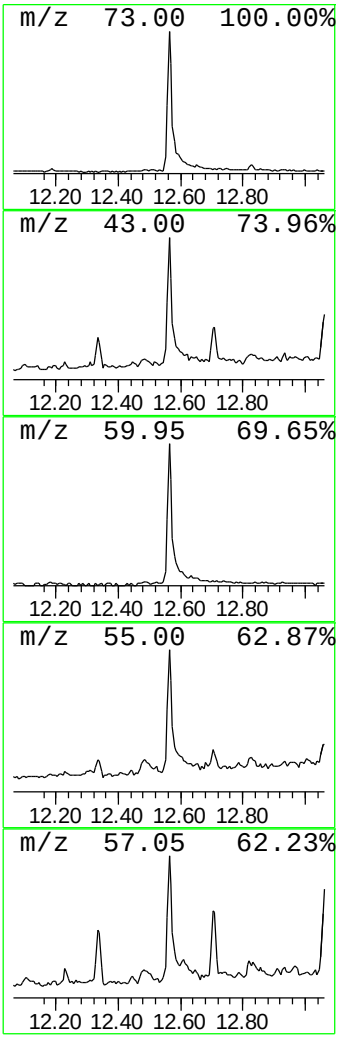
Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	8.33 ng	478207	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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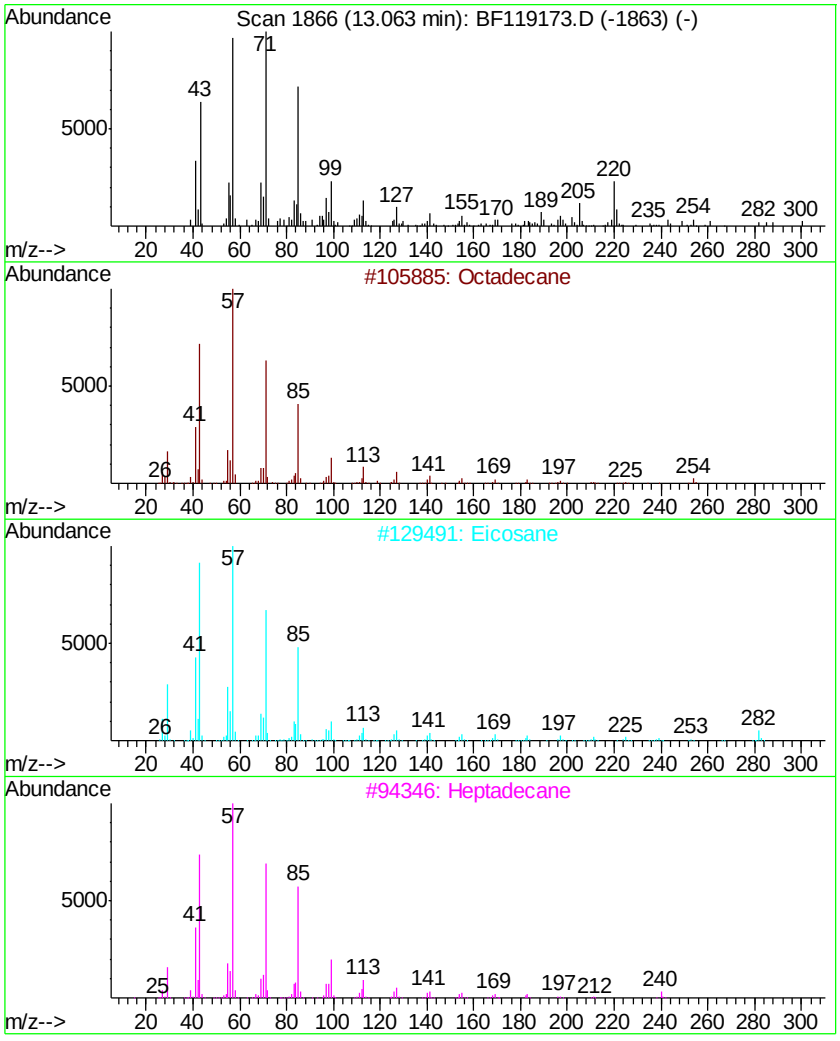
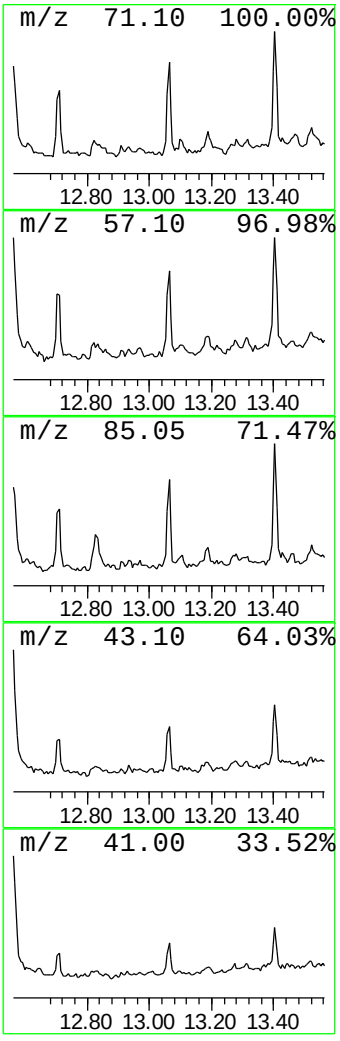
Peak Number 6 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.11 ng	94149	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane	240	C17H36	000629-78-7	81
4	Heneicosane	296	C21H44	000629-94-7	81
5	Octacosane	394	C28H58	000630-02-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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Operator : CG/JU
Sample : L1723-02
Misc :
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Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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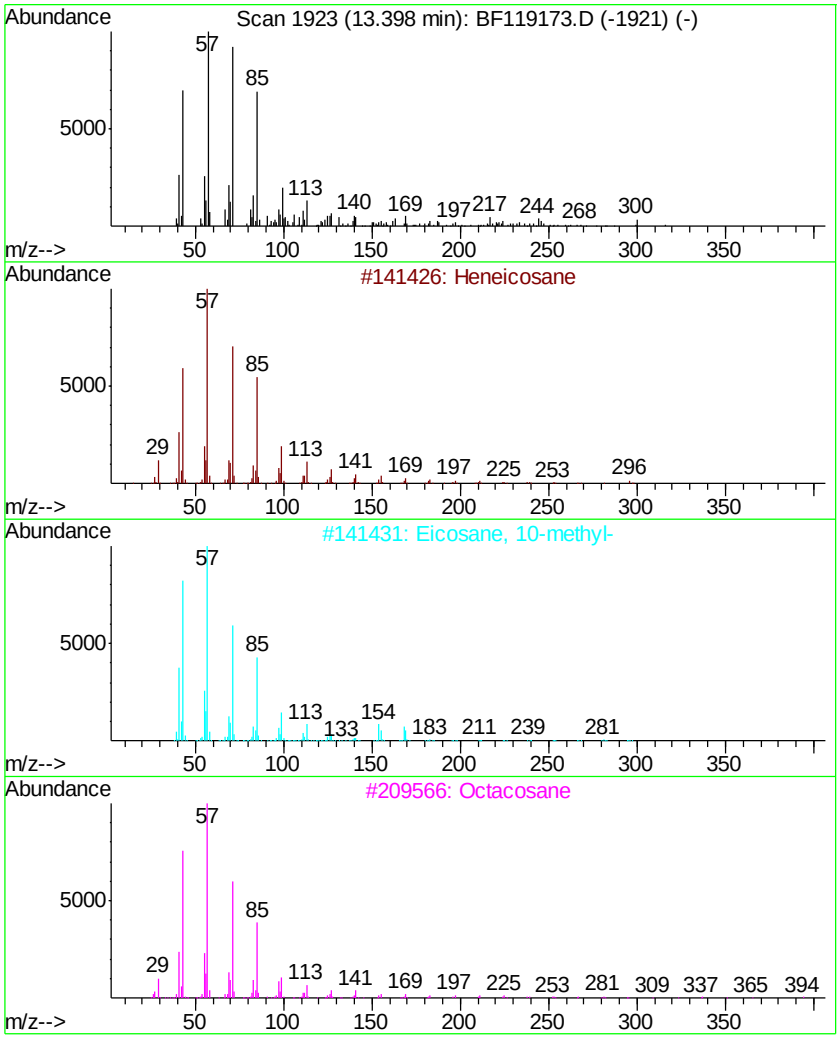
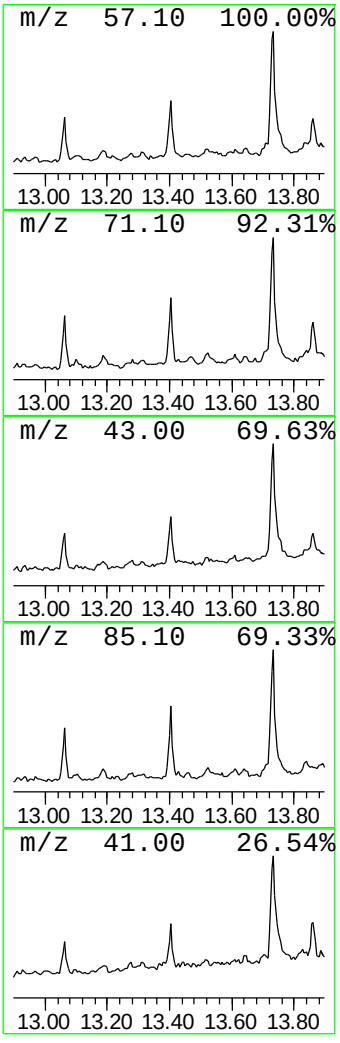
Peak Number 7 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.21 ng	98551	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
3	Octacosane	394	C28H58	000630-02-4	74
4	Tetratetracontane	619	C44H90	007098-22-8	70
5	Hentriacontane	437	C31H64	000630-04-6	68





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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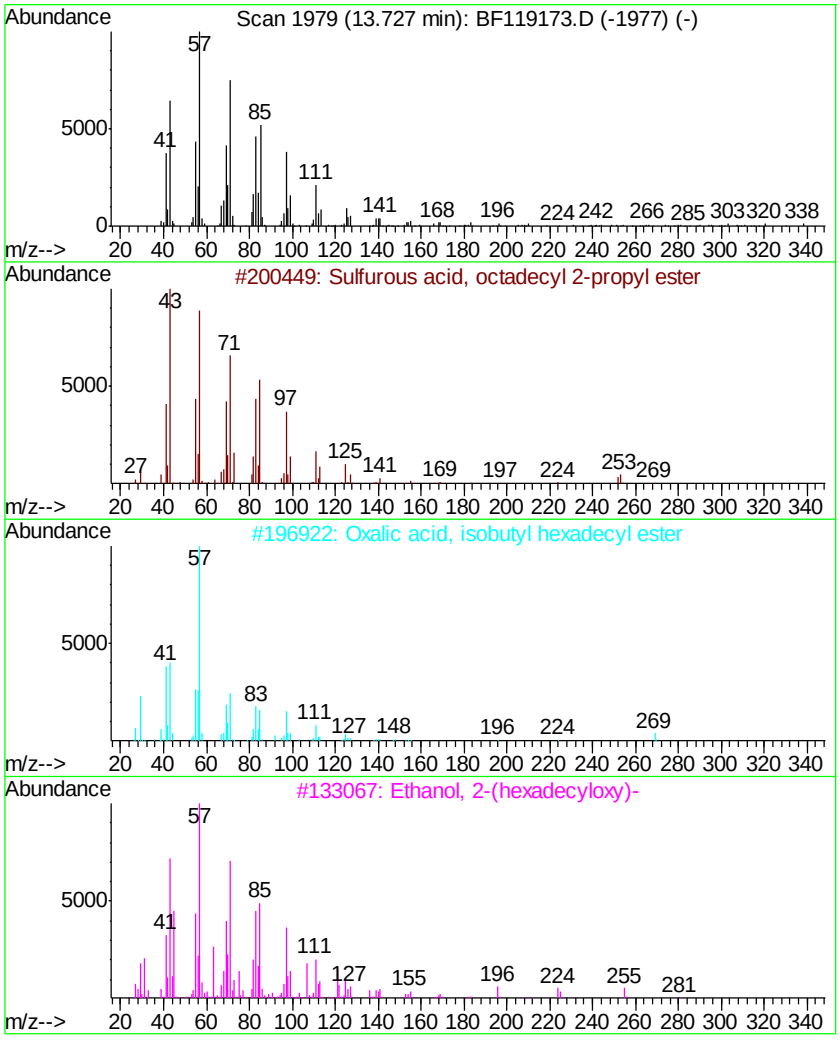
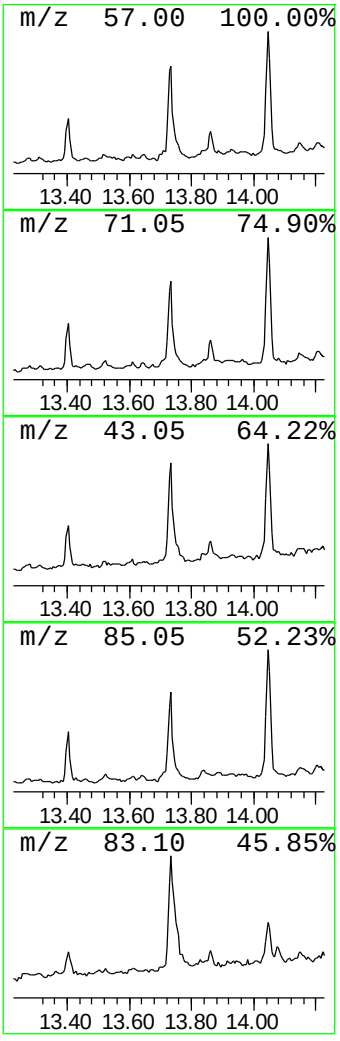
Peak Number 8 Sulfurous acid, octadecyl 2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	10.78 ng	479970	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91





Library Search Compound Report

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Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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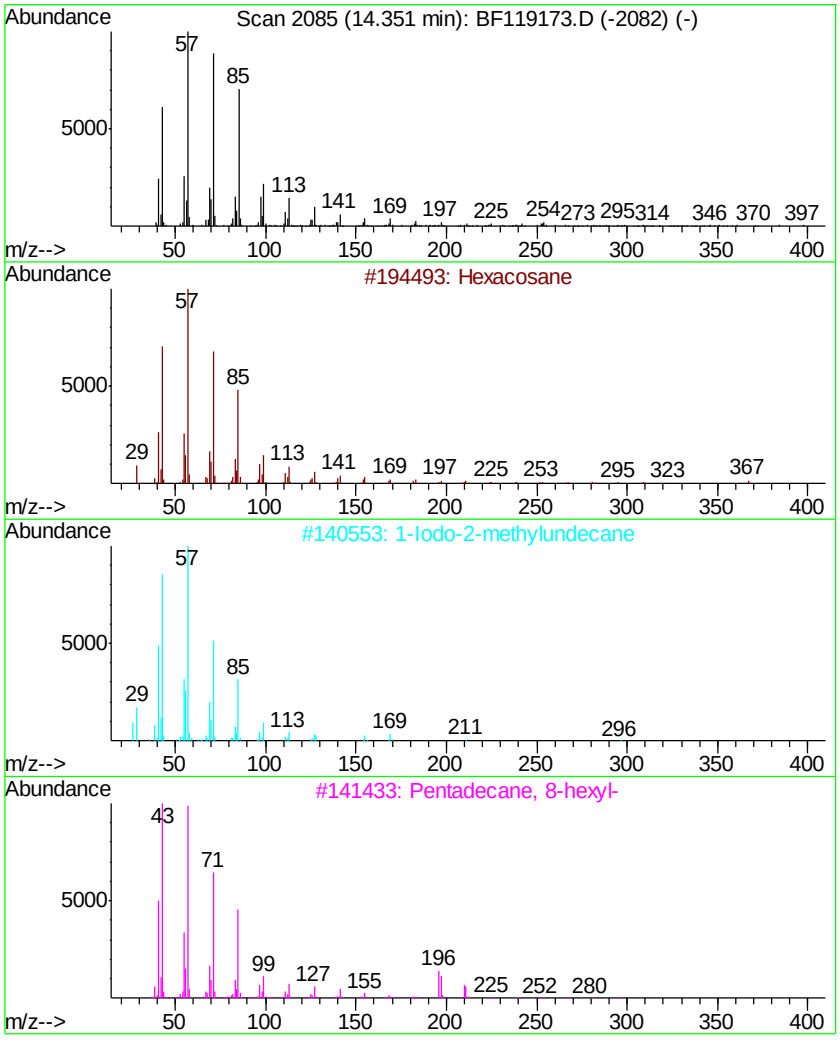
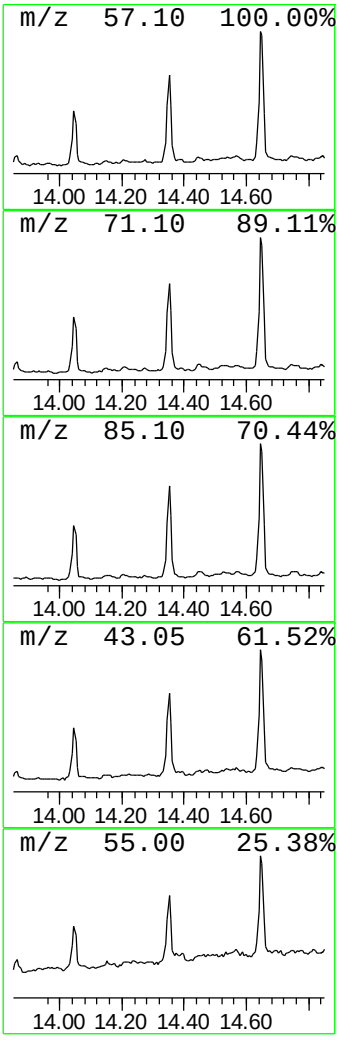
Peak Number 10 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	10.32 ng	459581	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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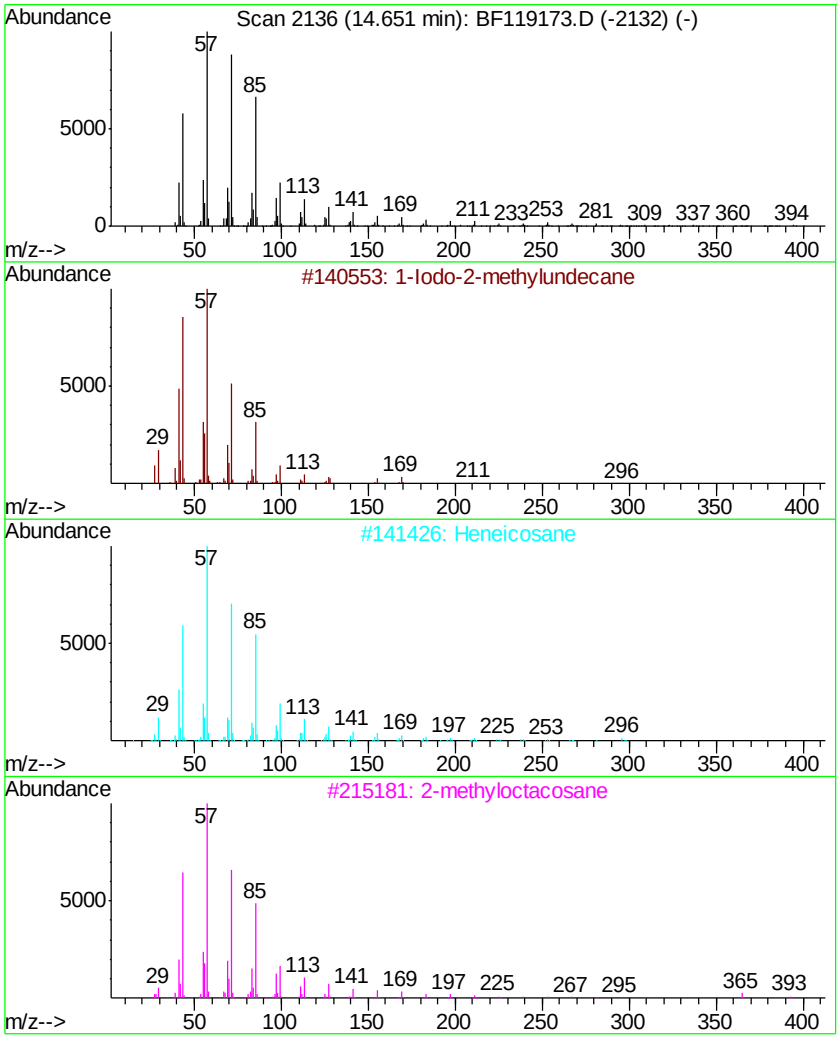
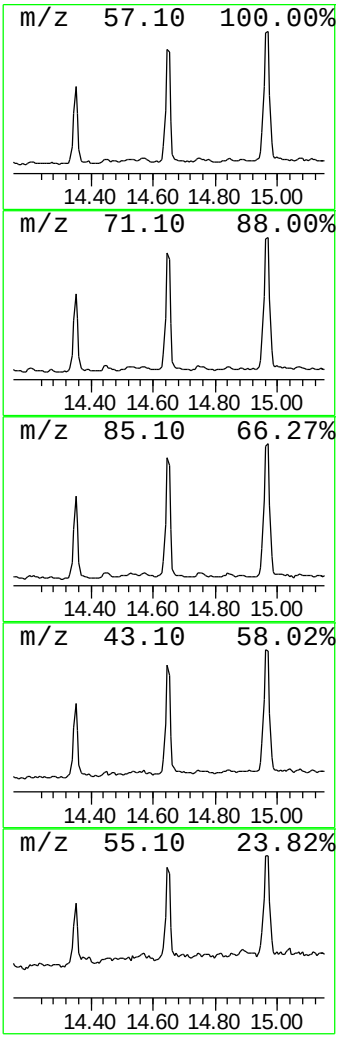
Peak Number 11 1-Iodo-2-methylundecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	6.93 ng	743608	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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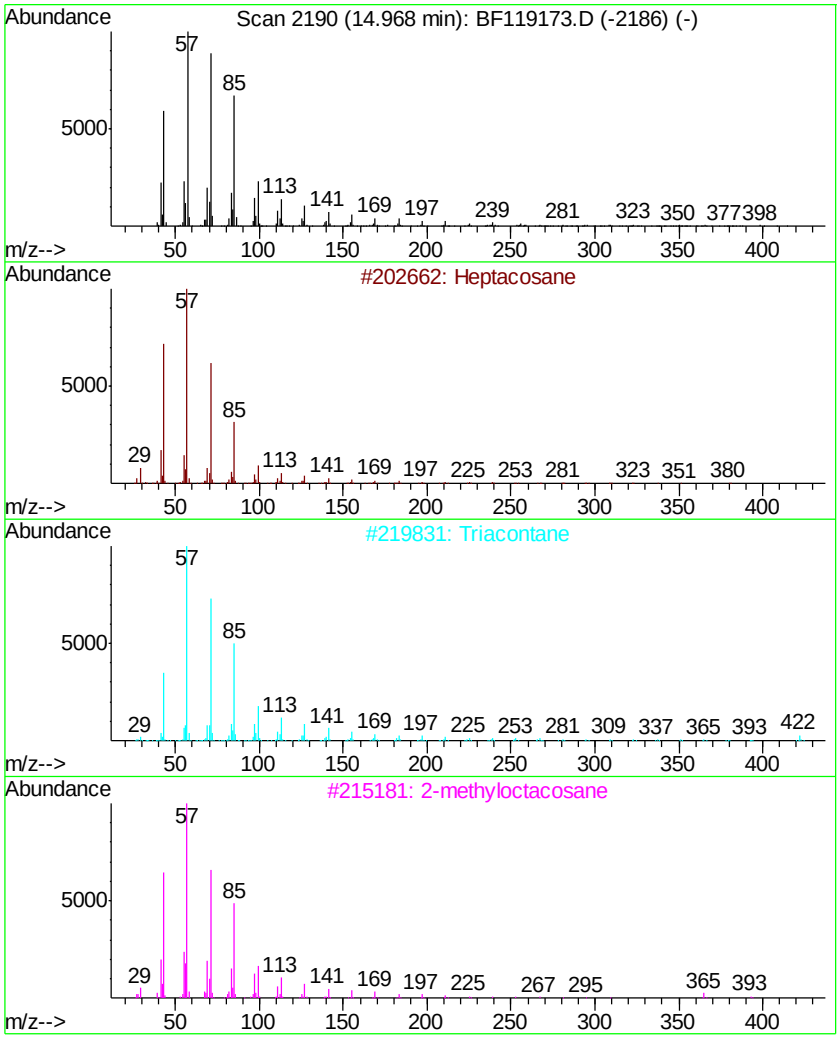
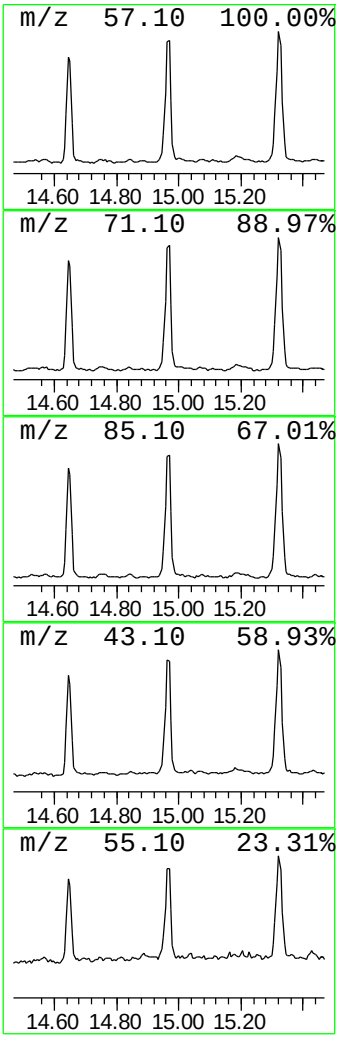
Peak Number 12 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	10.23 ng	1097370	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





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Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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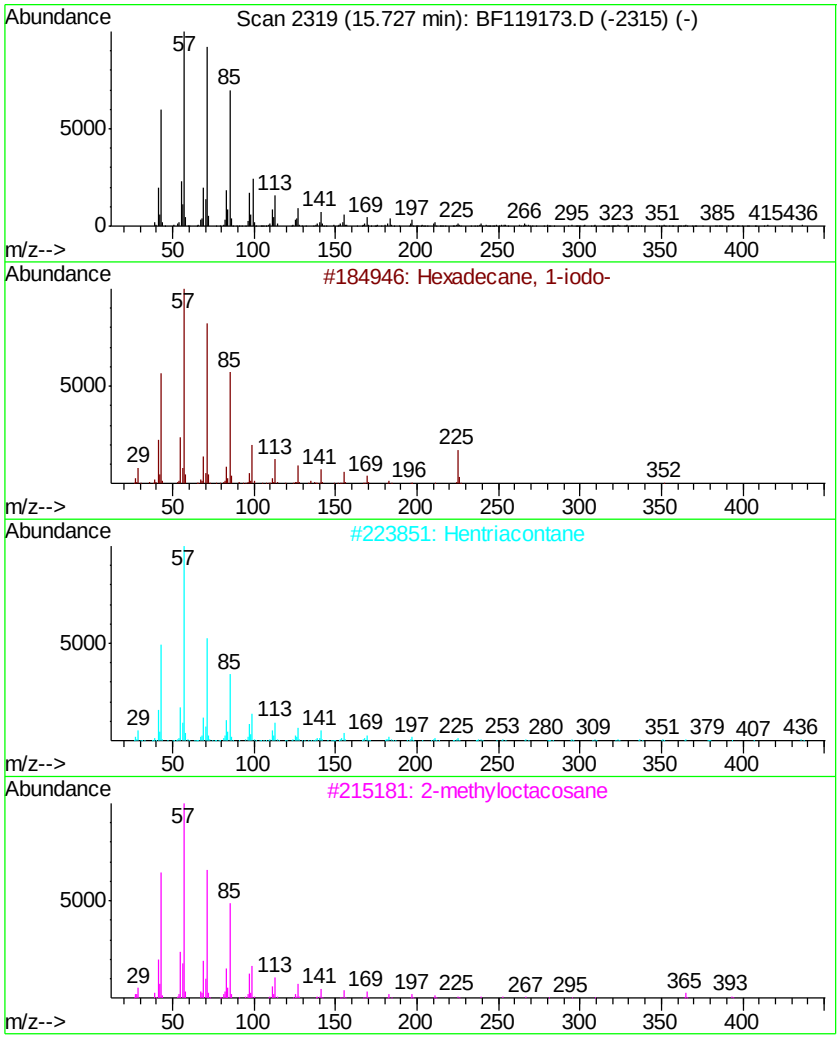
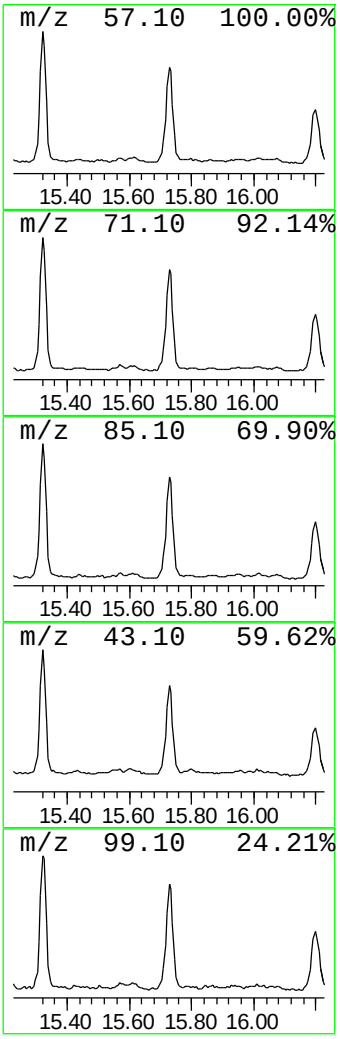
Peak Number 13 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	9.47 ng	1015240	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Hentriacontane	437	C31H64	000630-04-6	95
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	2-methylhexacosane	380	C27H56	1000376-72-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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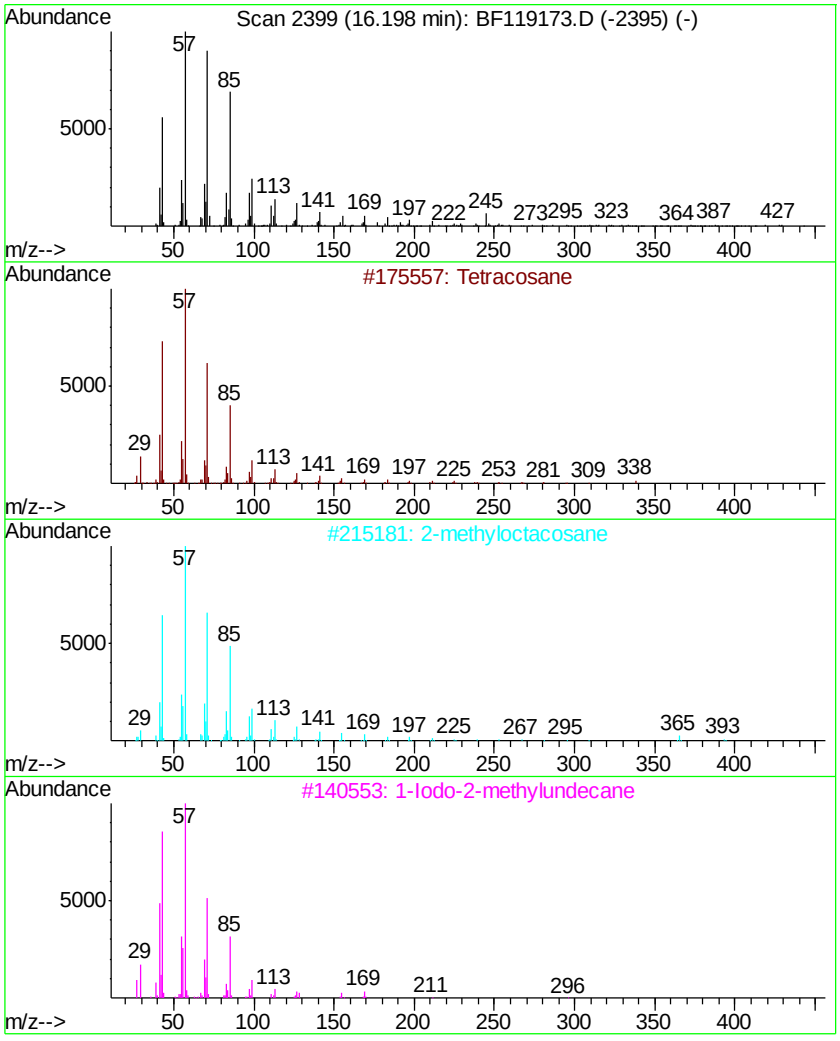
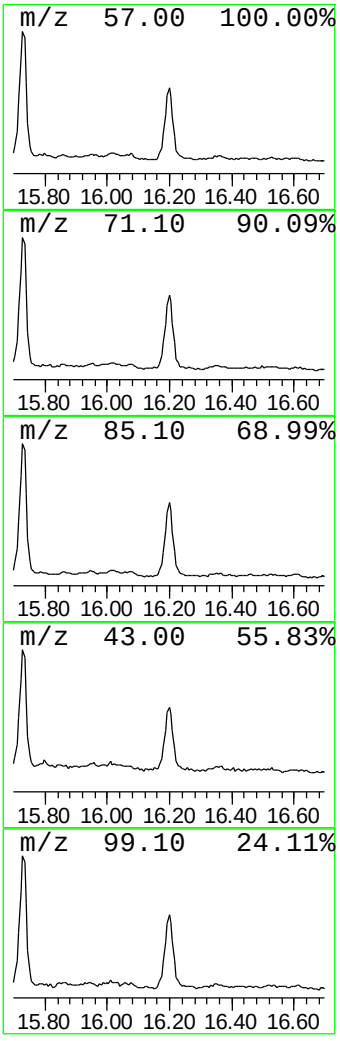
Peak Number 14 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	5.99 ng	642820	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030220\
Data File : BF119173.D
Acq On : 2 Mar 2020 17:23
Operator : CG/JU
Sample : L1723-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-(1.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
Tridecane	8.61	2.7	ng	135143	2	8.02	1008630	20.0
Tetradecane	9.17	2.3	ng	138910	3	9.76	1196940	20.0
n-Hexadecanoic acid	11.78	9.1	ng	523086	4	11.25	1148520	20.0
Octadecanoic acid	12.56	8.3	ng	478207	4	11.25	1148520	20.0
Octadecane	13.06	2.1	ng	94149	5	13.89	890508	20.0
Heneicosane	13.40	2.2	ng	98551	5	13.89	890508	20.0
Sulfurous acid, o...	13.73	10.8	ng	479970	5	13.89	890508	20.0
Hexacosane	14.35	10.3	ng	459581	5	13.89	890508	20.0
1-Iodo-2-methylun...	14.65	6.9	ng	743608	6	15.32	2144770	20.0
Heptacosane	14.97	10.2	ng	1097370	6	15.32	2144770	20.0
Hexadecane, 1-iodo-	15.73	9.5	ng	1015240	6	15.32	2144770	20.0
Tetracosane	16.20	6.0	ng	642820	6	15.32	2144770	20.0