LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121346.D
Acq On : 20 Aug 2020 14:41
Operator : JU/CG
Sample : L3689-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF081920.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	4.887	473	476	487	rVB	41397	56065	1.78%	0.230%
2	5.304	542	547	559	rBV	2615121	2608670	82.97%	10.682%
3	6.339	718	723	740	rBV	2520120	2651983	84.34%	10.859%
4	6.528	753	755	770	rVB	64749	67388	2.14%	0.276%
5	6.692	779	783	786	rBV	1114647	871328	27.71%	3.568%
6	7.257	875	879	882	rBV	1787662	1810806	57.59%	7.415%
7	7.975	997	1001	1005	rBV	1409741	1141331	36.30%	4.674%
8	9.051	1179	1184	1187	rBV	3435895	3144289	100.00%	12.875%
9	9.169	1201	1204	1208	rVB	142033	127453	4.05%	0.522%
10	9.445	1248	1251	1254	rBV	368214	273066	8.68%	1.118%
11	9.727	1295	1299	1302	rBV	1537183	1286436	40.91%	5.268%
12	10.516	1428	1433	1436	rBV	2036170	1852741	58.92%	7.587%
13	11.210	1547	1551	1554	rBV	1453162	1294969	41.18%	5.303%
14	12.380	1747	1750	1754	rBV	172229	143544	4.57%	0.588%
15	12.798	1816	1821	1824	rBV	2901484	2995195	95.26%	12.265%
16	12.904	1836	1839	1842	rBV	70417	59302	1.89%	0.243%
17	13.027	1855	1860	1864	rBV4	32996	54430	1.73%	0.223%
18	13.368	1916	1918	1922	rVB	39246	36930	1.17%	0.151%
19	13.692	1970	1973	1982	rBV	482033	630161	20.04%	2.580%
20	13.845	1995	1999	2002	rBV	1127851	1036871	32.98%	4.246%
21	14.015	2025	2028	2031	rBV	105834	103474	3.29%	0.424%
22	14.321	2077	2080	2085	rBV	138656	165097	5.25%	0.676%
23	14.615	2127	2130	2134	rBV	210995	186016	5.92%	0.762%
24	14.927	2180	2183	2187	rBV	223299	234904	7.47%	0.962%
25	15.251	2234	2238	2241	rBV	851878	1034309	32.89%	4.235%
26	15.280	2241	2243	2247	rVB	211191	219986	7.00%	0.901%
27	15.680	2307	2311	2316	rBV2	159405	232803	7.40%	0.953%
28	16.139	2386	2389	2393	rBV	75865	101514	3.23%	0.416%

Sum of corrected areas: 24421061

LSC Report - Integrated Chromatogram

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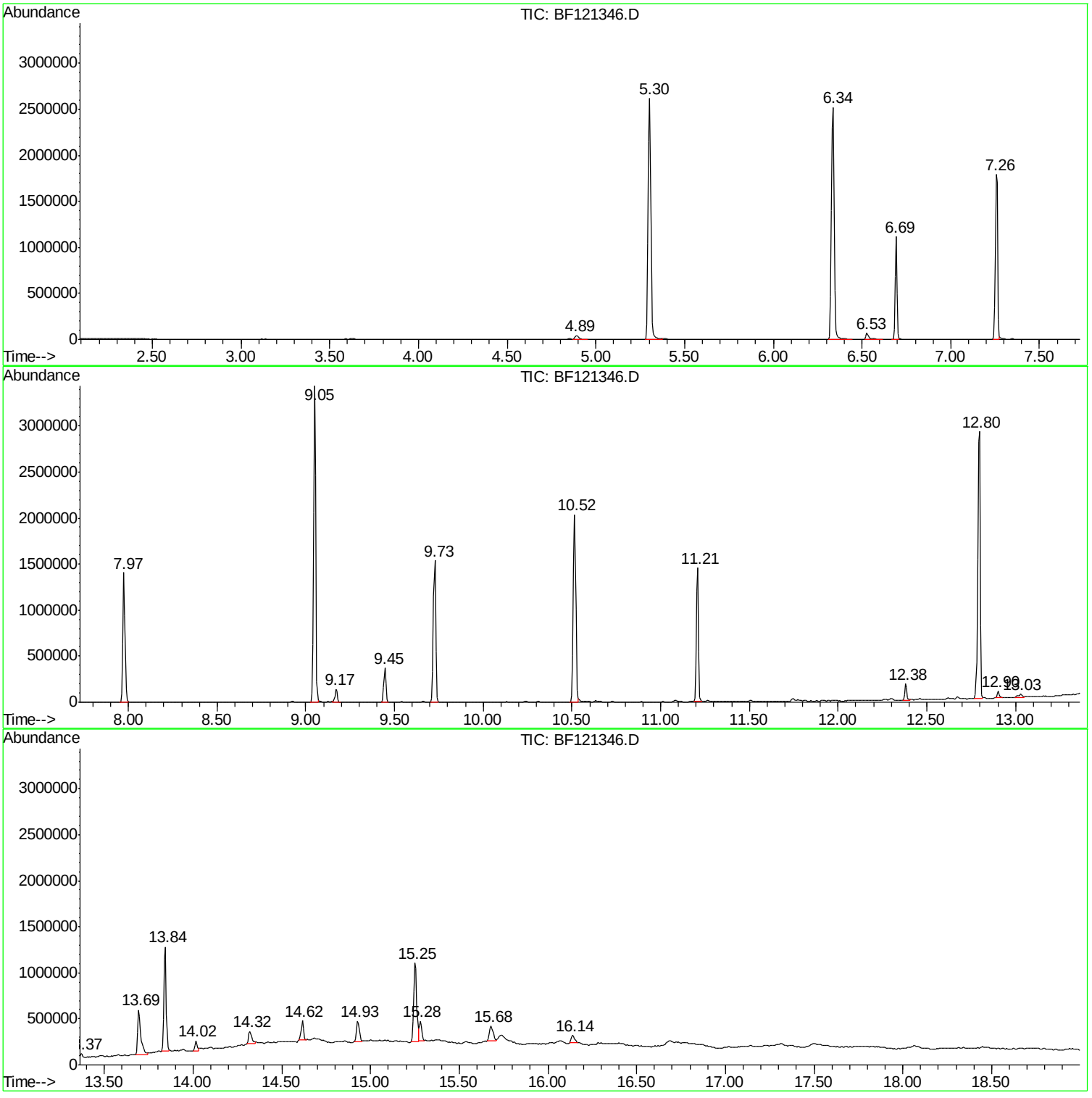
Sample : L3689-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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Operator : JU/CG
Sample : L3689-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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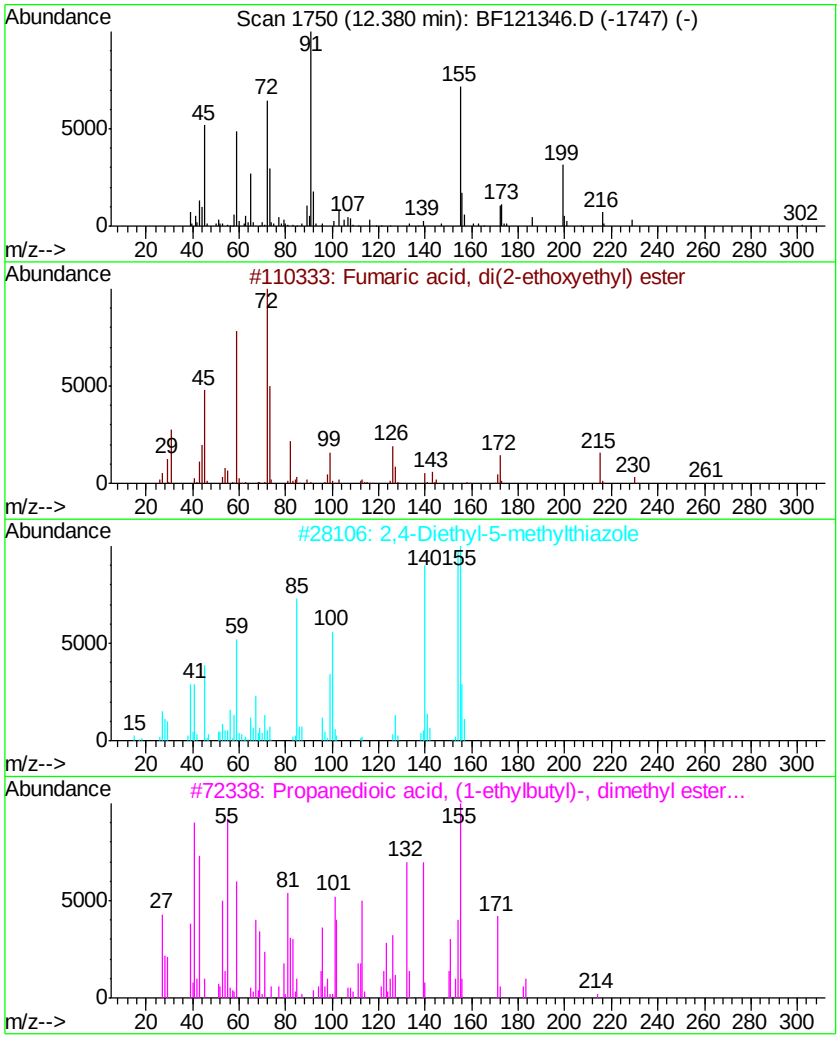
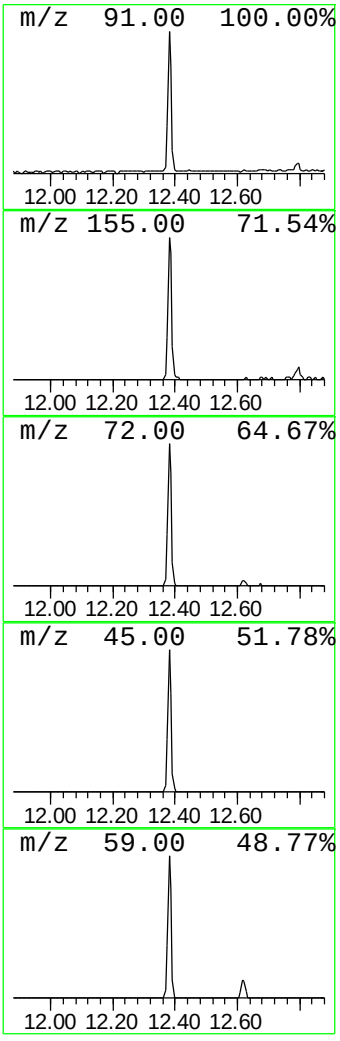
Peak Number 1 unknown12.38 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	2.22 ng	143544	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, di(2-ethoxyethyl) ...	260	C12H20O6	1000330-57-5	43
2	2,4-Diethyl-5-methylthiazole	155	C8H13NS	052414-89-8	35
3	Propanedioic acid, (1-ethylbutyl...	214	C11H18O4	092747-24-5	22
4	2-Naphthalenecarboxamide, N,N-di...	199	C13H13NO	013577-85-0	18
5	1-Naphthalenecarboxamide, N,N-di...	199	C13H13NO	003815-24-5	18





Library Search Compound Report

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Sample : L3689-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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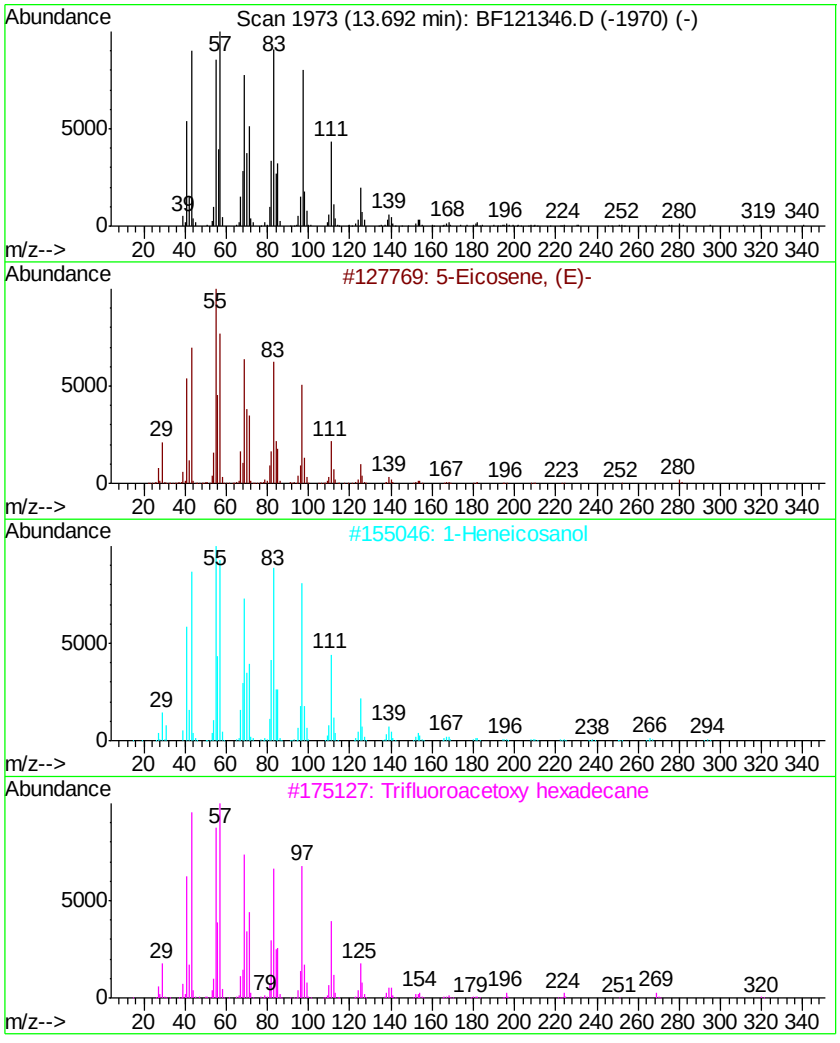
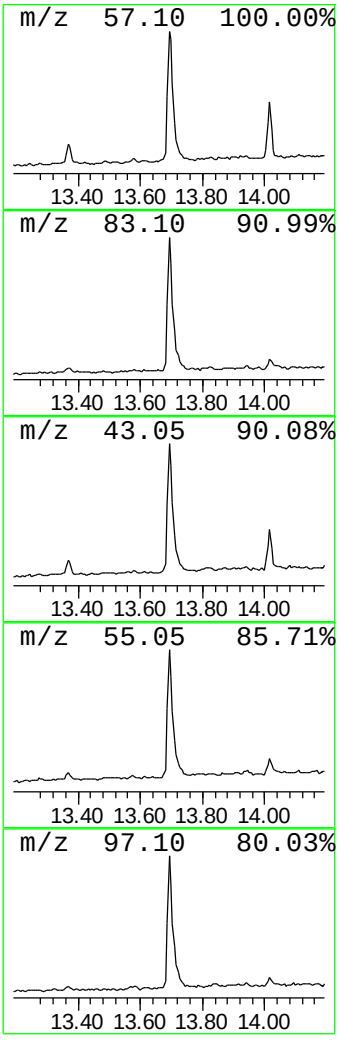
Peak Number 2 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	12.16 ng	630161	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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Data File : BF121346.D
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Operator : JU/CG
Sample : L3689-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
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TIC Integration Parameters: LSCINT.P

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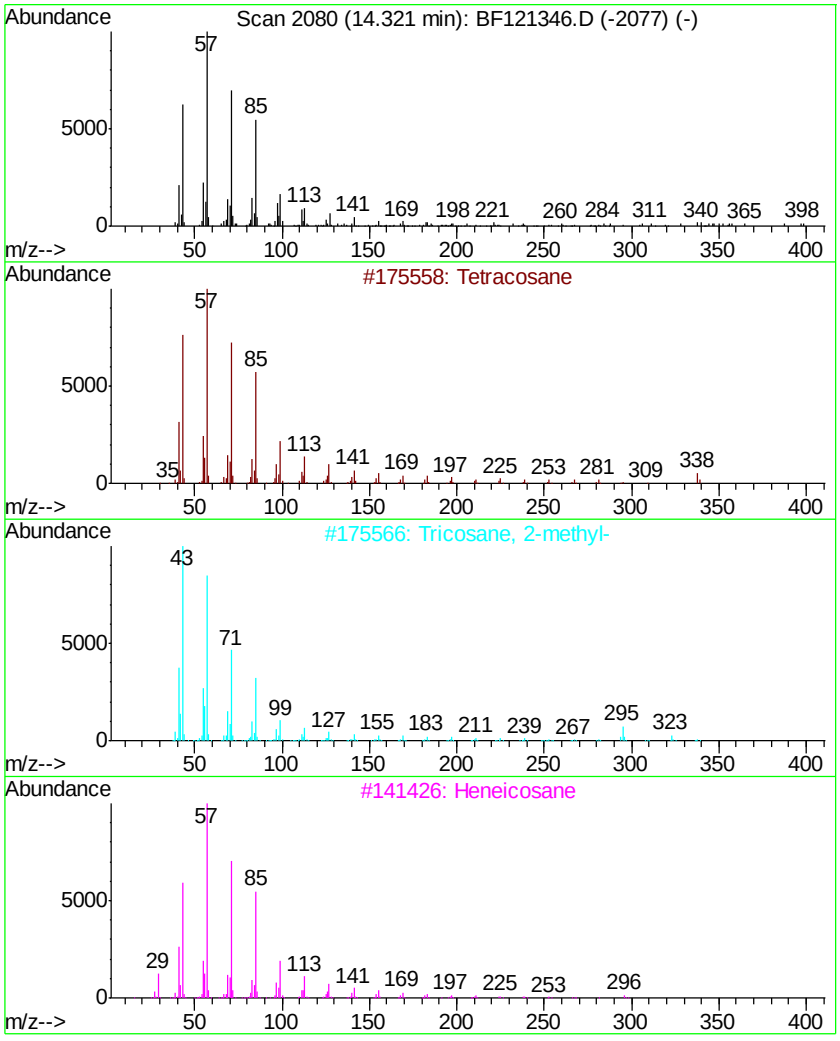
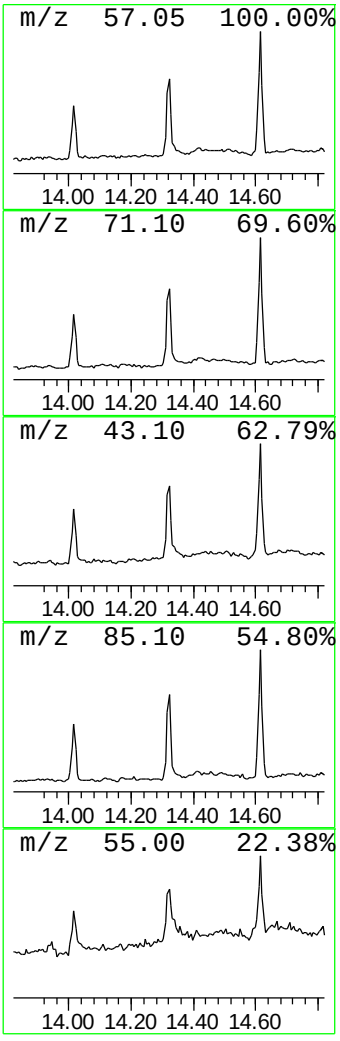
Peak Number 3 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	3.18 ng	165097	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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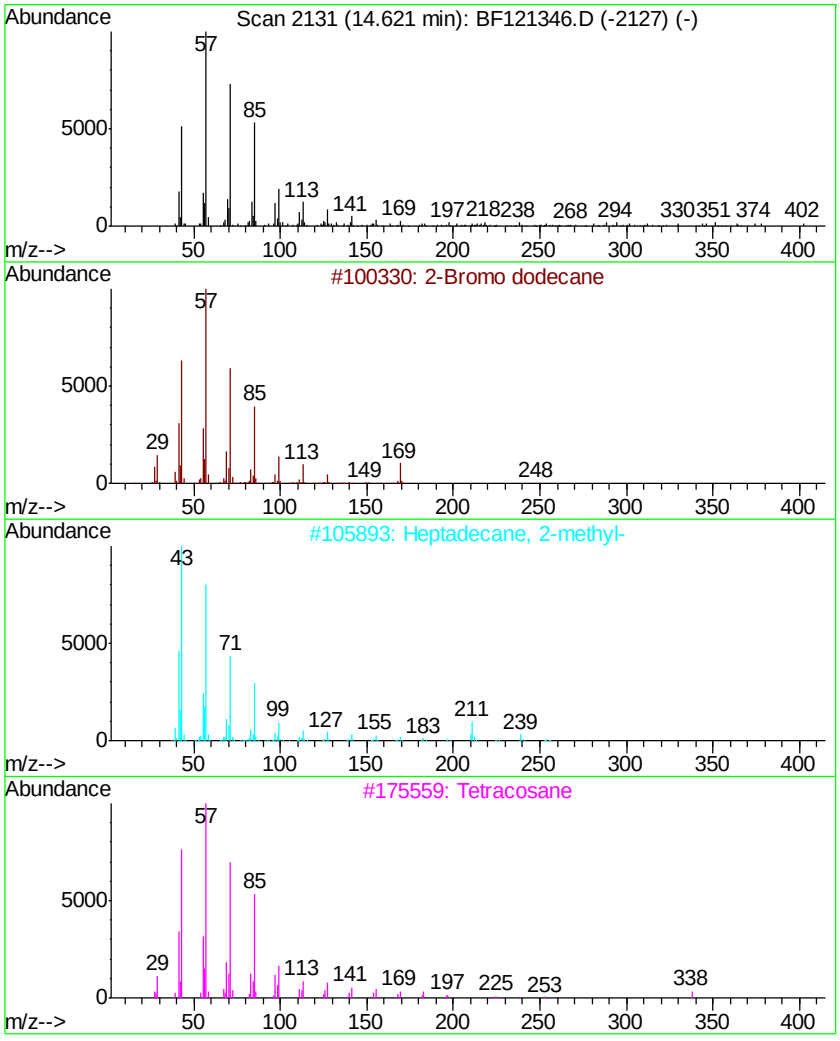
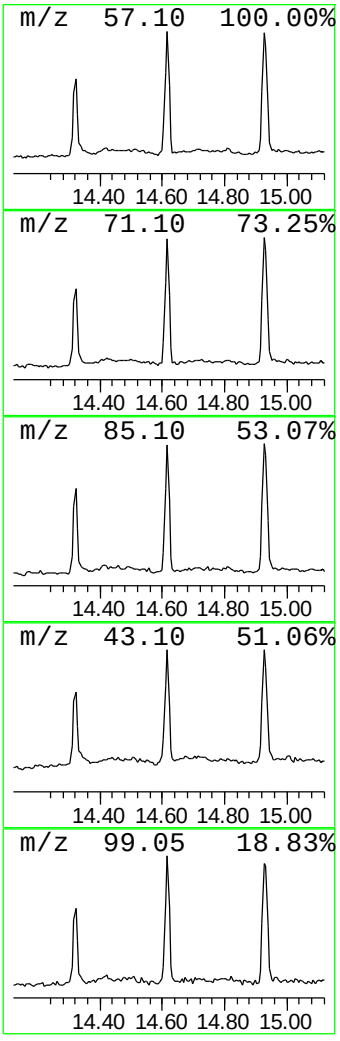
Peak Number 4 Heptadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.60 ng	186016	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3	Tetracosane	338	C24H50	000646-31-1	86
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5	Octacosane	394	C28H58	000630-02-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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Acq On : 20 Aug 2020 14:41
Operator : JU/CG
Sample : L3689-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
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TIC Library : C:\DATABASE\NIST11.L
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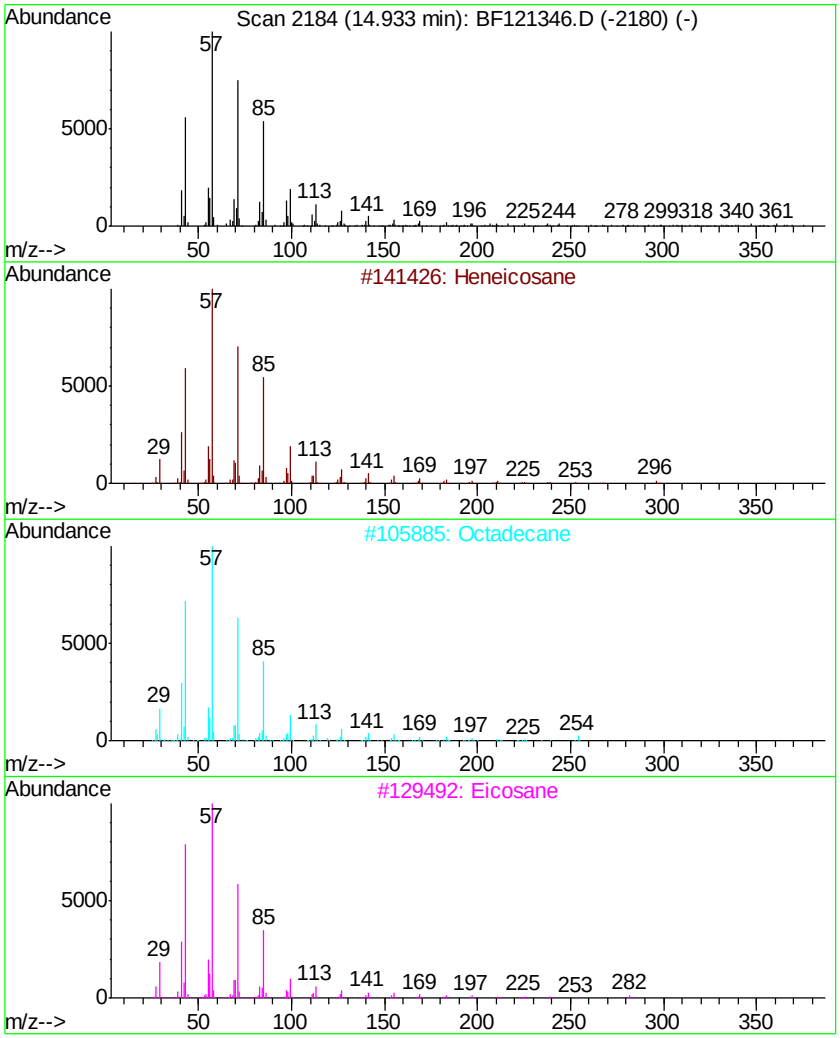
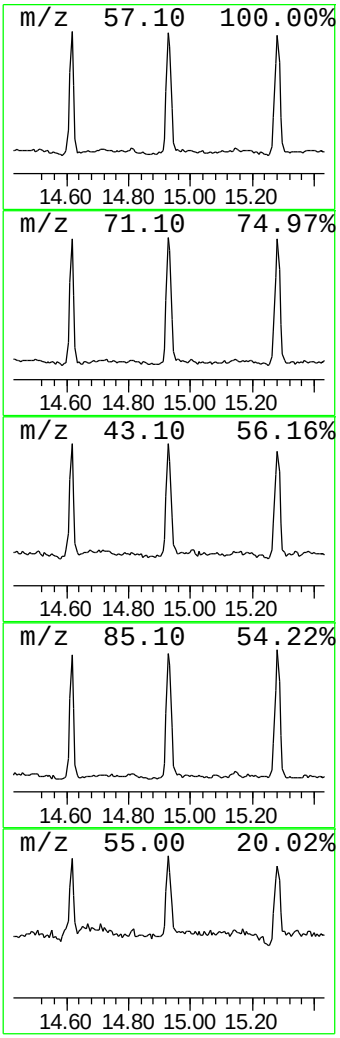
Peak Number 5 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	4.54 ng	234904	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octadecane	254	C18H38	000593-45-3	95
3	Eicosane	282	C20H42	000112-95-8	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

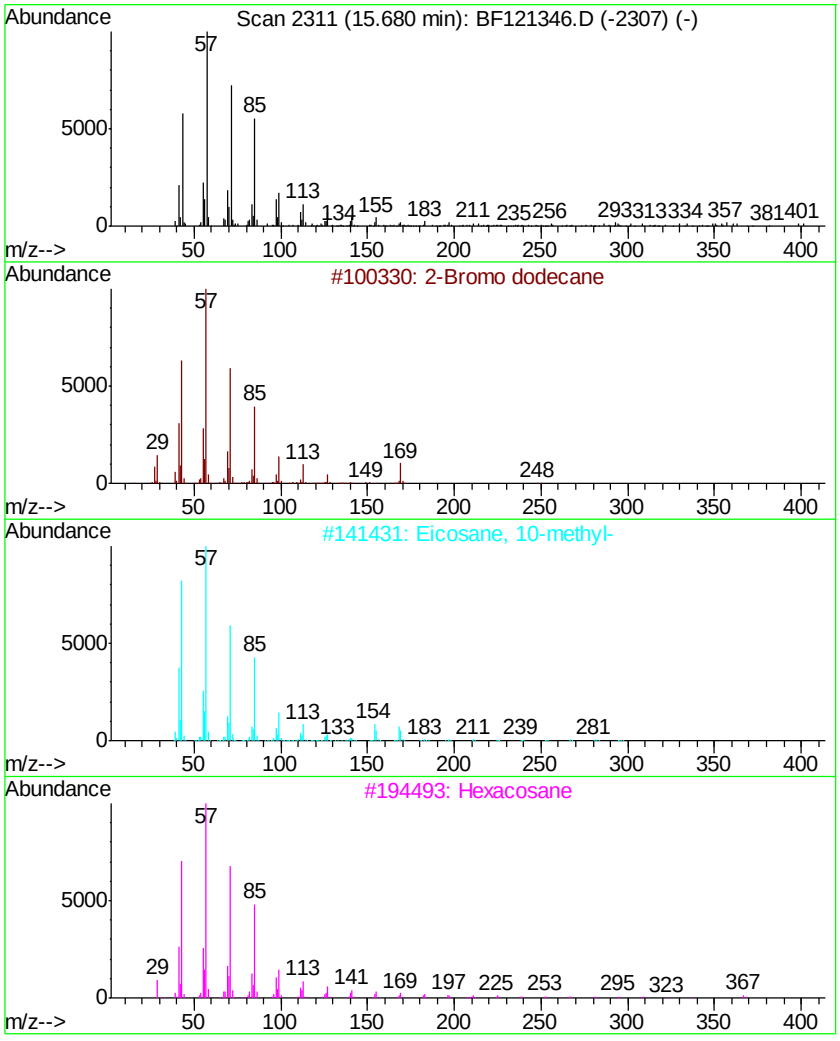
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

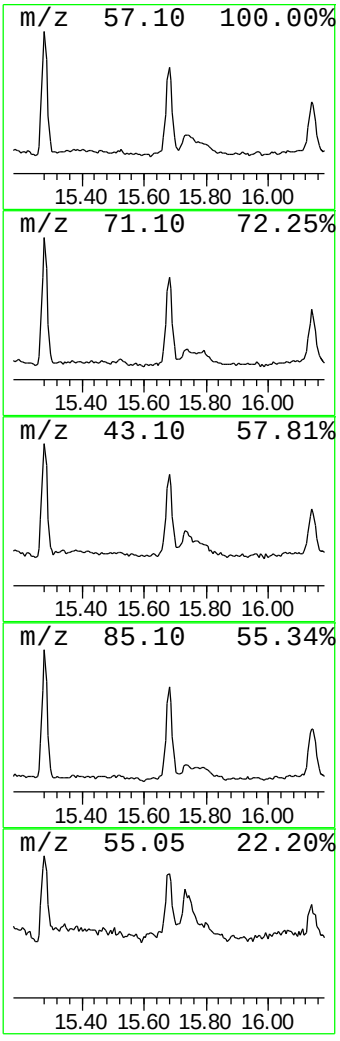
****

Peak Number 6 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	4.50 ng	232803	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Tentatively Identified Compound (LSC) summary

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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
unknown12.38	12.38	2.2	ng	143544	4	11.21	1294970	20.0
5-Eicosene, (E)-	13.69	12.2	ng	630161	5	13.84	1036870	20.0
Tetracosane	14.32	3.2	ng	165097	5	13.84	1036870	20.0
Heptadecane, 2-me...	14.62	3.6	ng	186016	6	15.25	1034310	20.0
Heneicosane	14.93	4.5	ng	234904	6	15.25	1034310	20.0
2-Bromo dodecane	15.68	4.5	ng	232803	6	15.25	1034310	20.0