LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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	4.881	471	475	484	rBV	39051	51707	1.73%	0.186%
2	5.304	544	547	570	rBV	1911142	2228999	74.72%	8.016%
3	6.345	719	724	740	rBV	2053076	2293837	76.89%	8.249%
4	6.534	753	756	769	rBV	225564	250621	8.40%	0.901%
5	6.692	780	783	787	rBV	1063165	855327	28.67%	3.076%
6	7.263	875	880	891	rBV	1556762	1577908	52.89%	5.674%
7	7.975	998	1001	1016	rBV	1190556	1166267	39.10%	4.194%
8	9.051	1179	1184	1187	rBV	2901272	2688140	90.11%	9.667%
9	9.169	1199	1204	1214	rVB	205604	216036	7.24%	0.777%
10	9.445	1247	1251	1255	rBV	670731	627095	21.02%	2.255%
11	9.727	1295	1299	1302	rBV	1615930	1358074	45.53%	4.884%
12	10.522	1429	1434	1443	rBV	1702435	1809909	60.67%	6.509%
13	11.210	1547	1551	1554	rBV	1626355	1523387	51.07%	5.478%
14	11.233	1554	1555	1558	rVB	236417	142423	4.77%	0.512%
15	11.451	1585	1592	1599	rBV2	27722	49197	1.65%	0.177%
16	11.745	1639	1642	1652	rBV3	142716	185280	6.21%	0.666%
17	11.821	1652	1655	1658	rBV	44499	43047	1.44%	0.155%
18	11.898	1663	1668	1673	rBV6	20237	38470	1.29%	0.138%
19	12.298	1733	1736	1742	rVB4	25480	33130	1.11%	0.119%
20	12.421	1754	1757	1762	rVB	397073	331730	11.12%	1.193%
21	12.651	1788	1796	1799	rBV	327013	337540	11.31%	1.214%
22	12.798	1814	1821	1824	rBV	2947596	2983137	100.00%	10.728%
23	12.874	1829	1834	1838	rBV2	27898	43964	1.47%	0.158%
24	12.957	1845	1848	1850	rBV4	23651	30300	1.02%	0.109%
25	12.980	1850	1852	1856	rVB	46432	39186	1.31%	0.141%
26	13.045	1861	1863	1866	rVB	35114	31295	1.05%	0.113%
27	13.080	1866	1869	1872	rBV2	38258	41435	1.39%	0.149%
28	13.339	1908	1913	1914	rBV2	33819	41425	1.39%	0.149%
29	13.492	1936	1939	1942	rVB	42832	43150	1.45%	0.155%
30	13.598	1952	1957	1959	rBV	42513	43542	1.46%	0.157%
31	13.704	1971	1975	1985	rVB3	369867	590584	19.80%	2.124%
32	13.851	1992	2000	2003	rBV	1774123	1812909	60.77%	6.519%
33	13.874	2003	2004	2012	rVB	201587	141465	4.74%	0.509%
34	14.015	2024	2028	2031	rBV	118635	118906	3.99%	0.428%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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

35	14.239	2061	2066	2069	rVB	36238	37570	1.26%	0.135%
36	14.321	2075	2080	2083	rBV	204978	217840	7.30%	0.783%
37	14.357	2083	2086	2089	rVB3	31599	43454	1.46%	0.156%
38	14.615	2125	2130	2134	rBV	283549	285169	9.56%	1.025%
39	14.686	2139	2142	2146	rBV2	42337	63056	2.11%	0.227%
40	14.862	2168	2172	2179	rBV	182294	327412	10.98%	1.177%
41	14.933	2179	2184	2187	rVV	241191	272943	9.15%	0.982%
42	14.968	2187	2190	2193	rVV	27142	31828	1.07%	0.114%
43	15.145	2216	2220	2226	rVB	105902	123765	4.15%	0.445%
44	15.204	2226	2230	2235	rBV	124029	138358	4.64%	0.498%
45	15.268	2235	2241	2251	rBV	1428877	1907588	63.95%	6.860%
46	15.680	2306	2311	2318	rBV	129387	200491	6.72%	0.721%
47	15.757	2319	2324	2328	rBV4	49689	112193	3.76%	0.403%
48	16.145	2385	2390	2394	rBV	55856	90029	3.02%	0.324%
49	16.627	2467	2472	2477	rBV2	58808	108929	3.65%	0.392%
50	17.039	2537	2542	2551	rVB2	41952	78103	2.62%	0.281%

Sum of corrected areas: 27808150

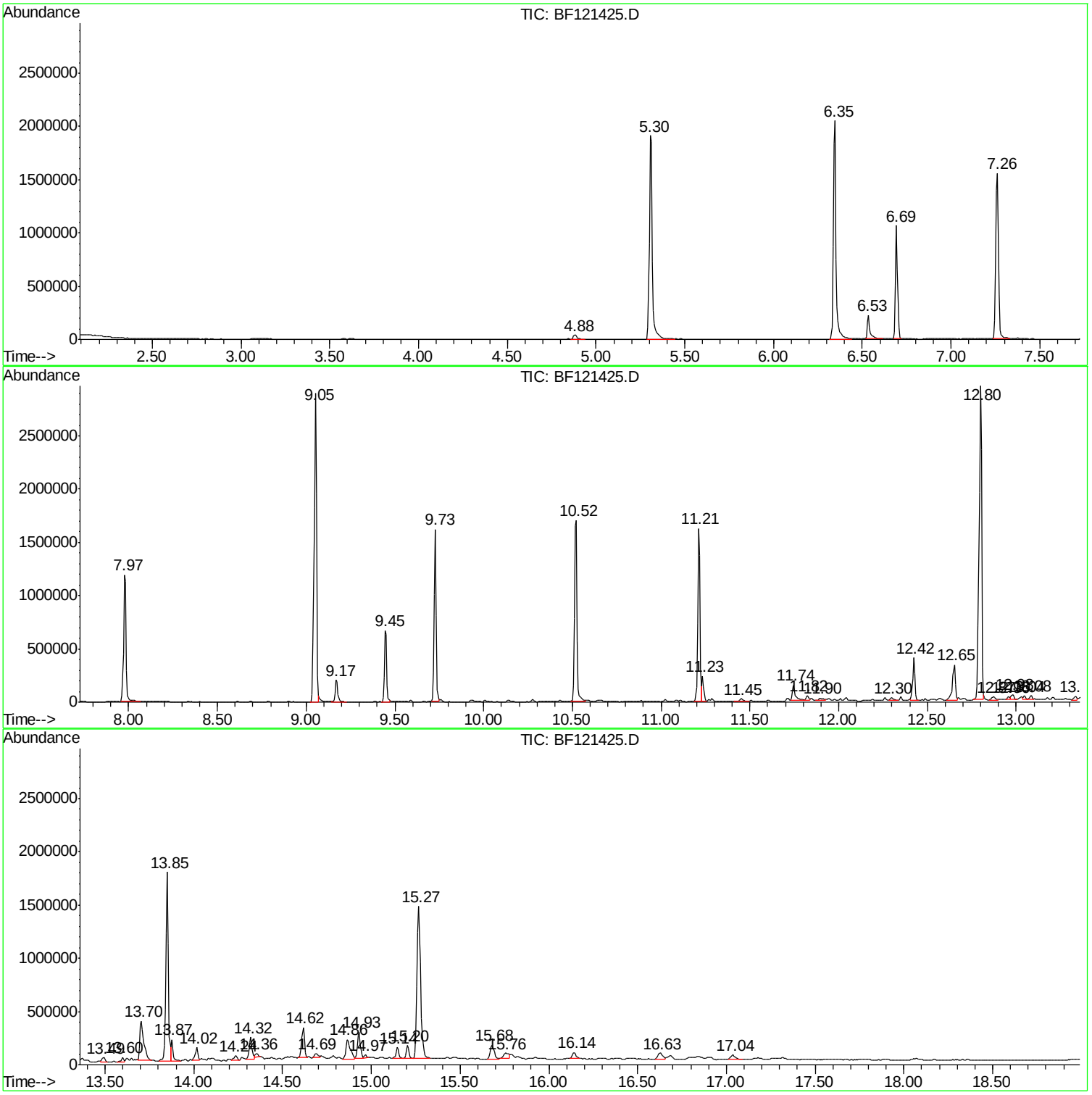
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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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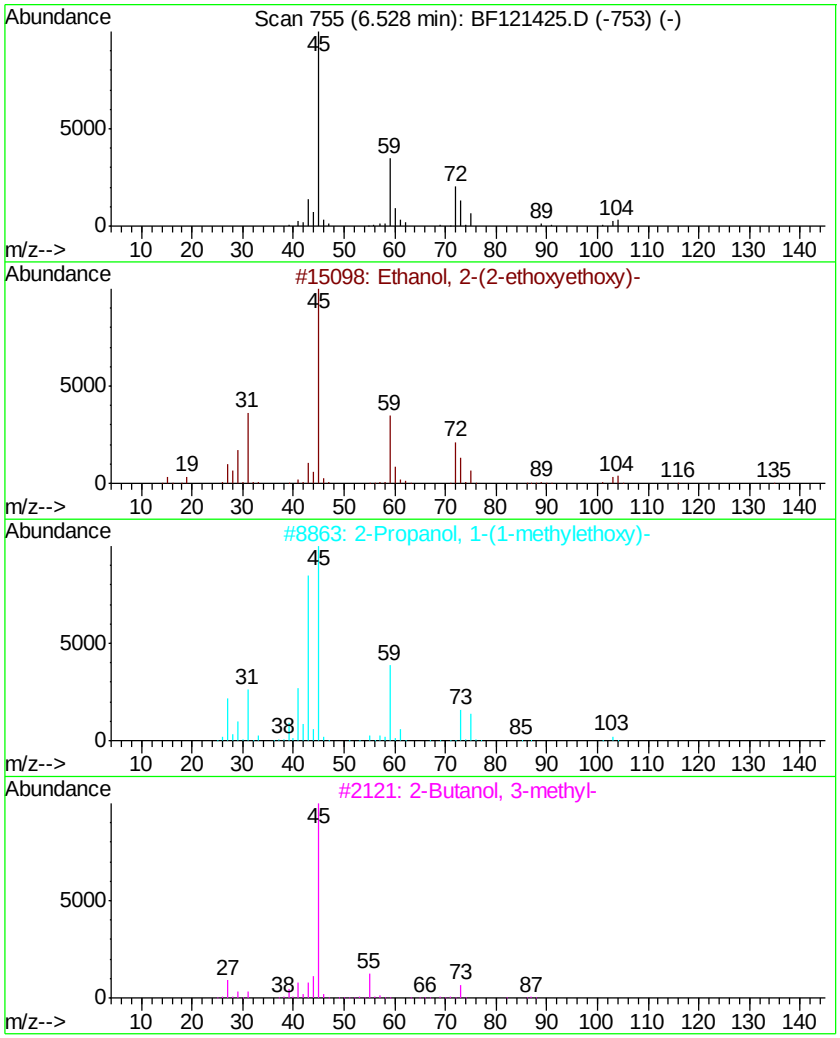
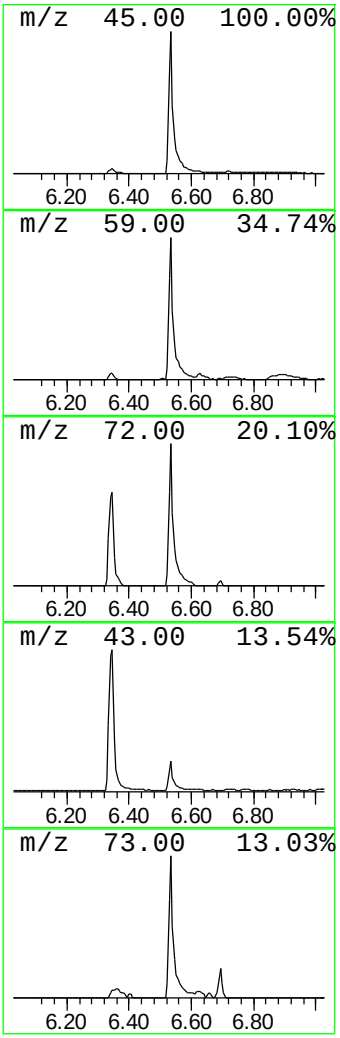
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	5.86 ng	250621	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	43
4	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	43
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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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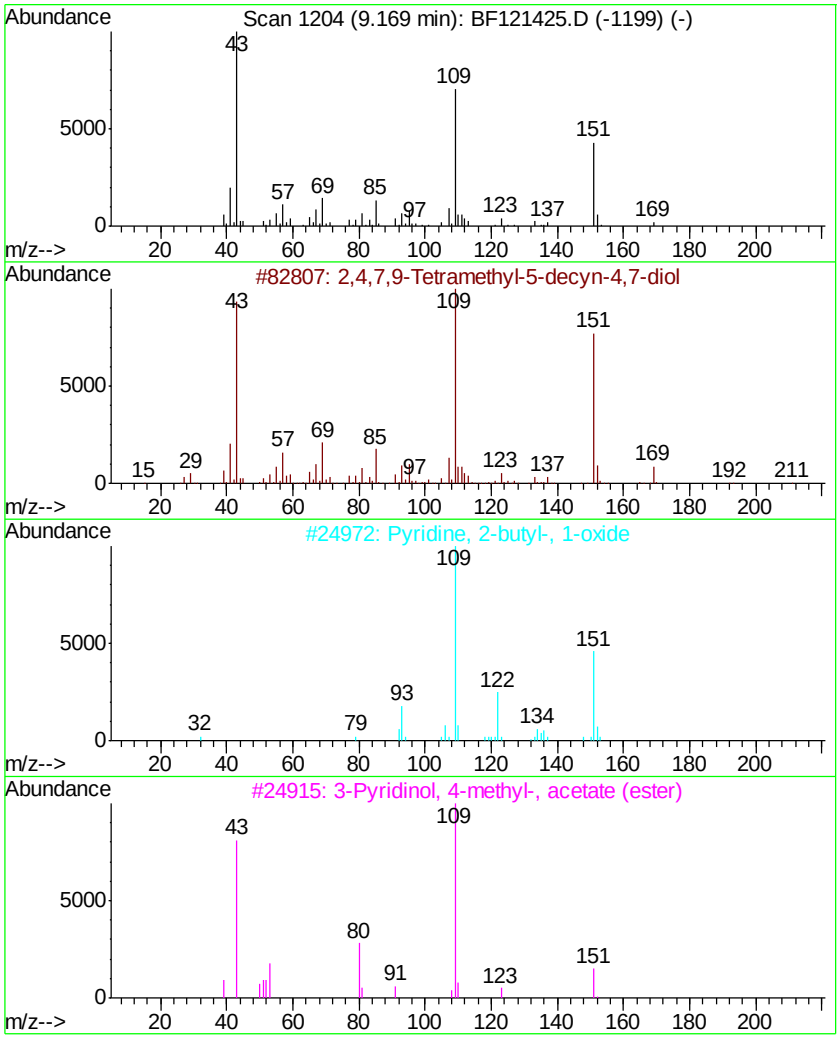
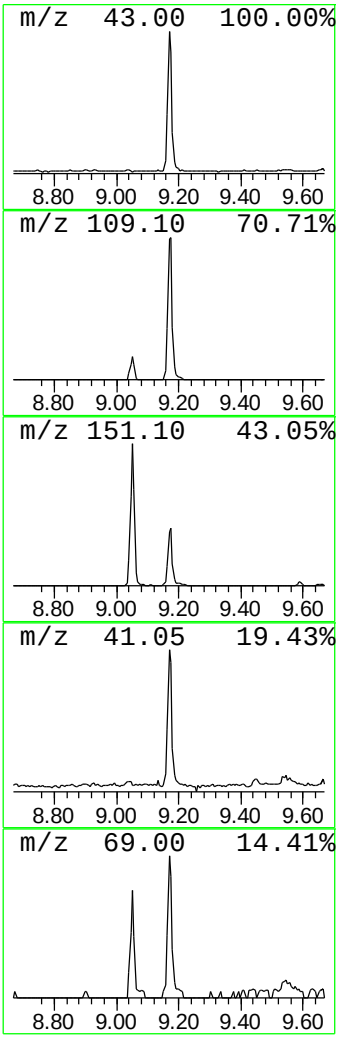
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.18 ng	216036	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	Acetamide, N-(2-hydroxyphenyl)-	151	C8H9NO2	000614-80-2	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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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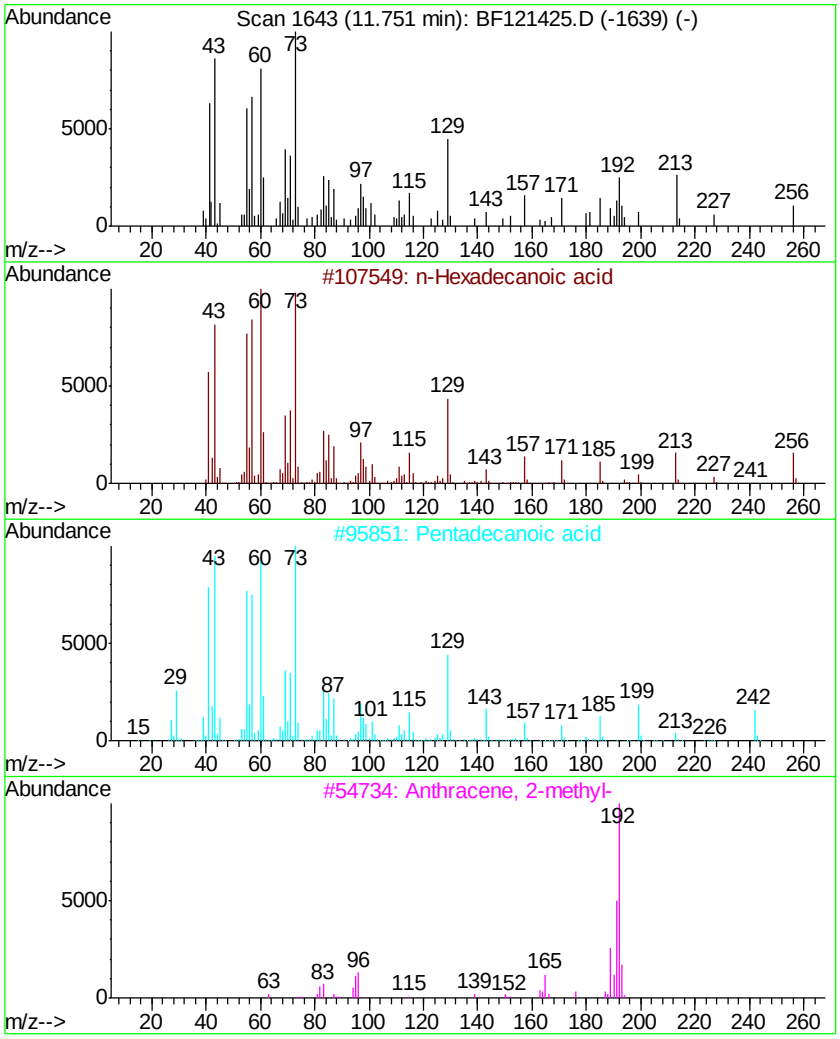
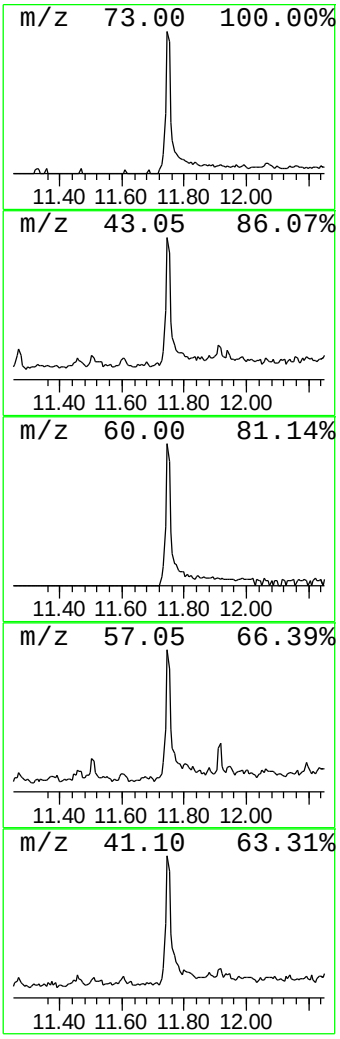
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.43 ng	185280	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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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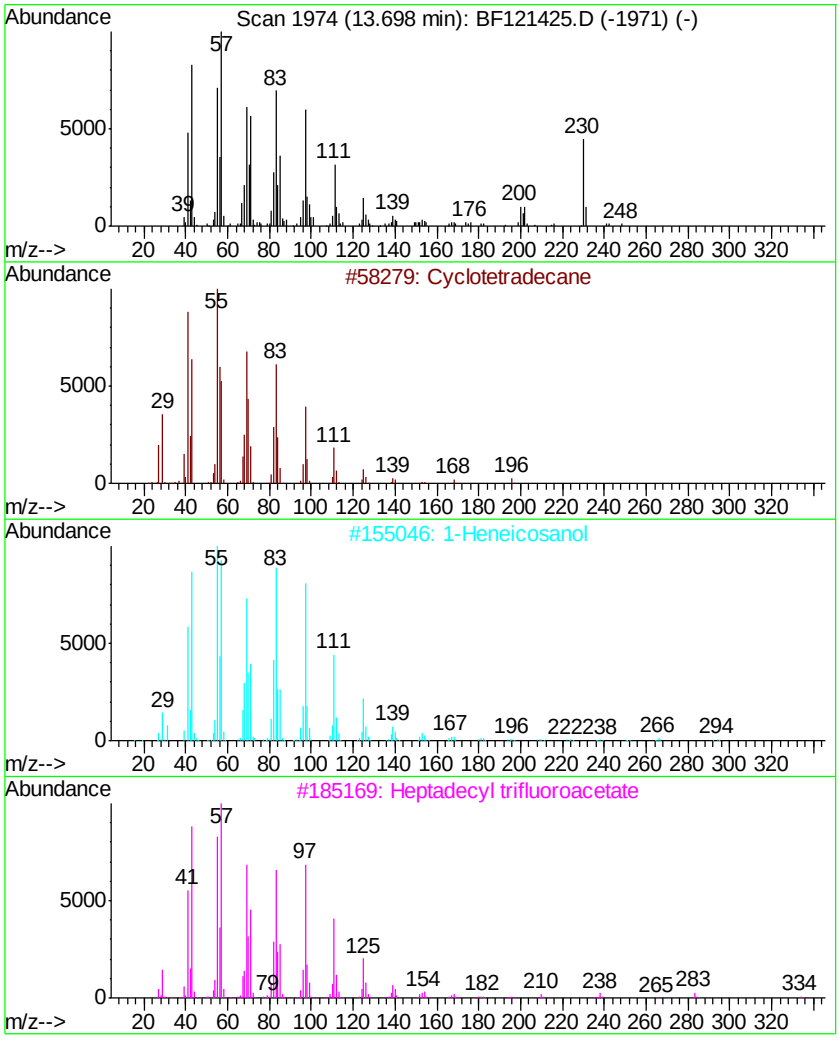
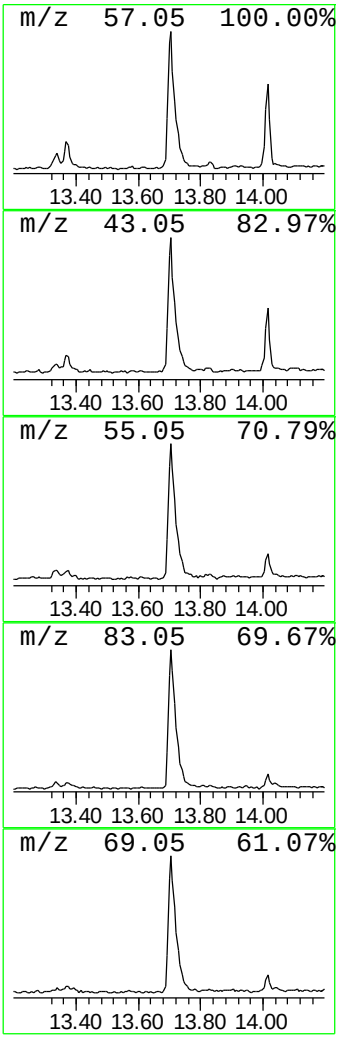
Peak Number 4 Cyclotetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	6.52 ng	590584	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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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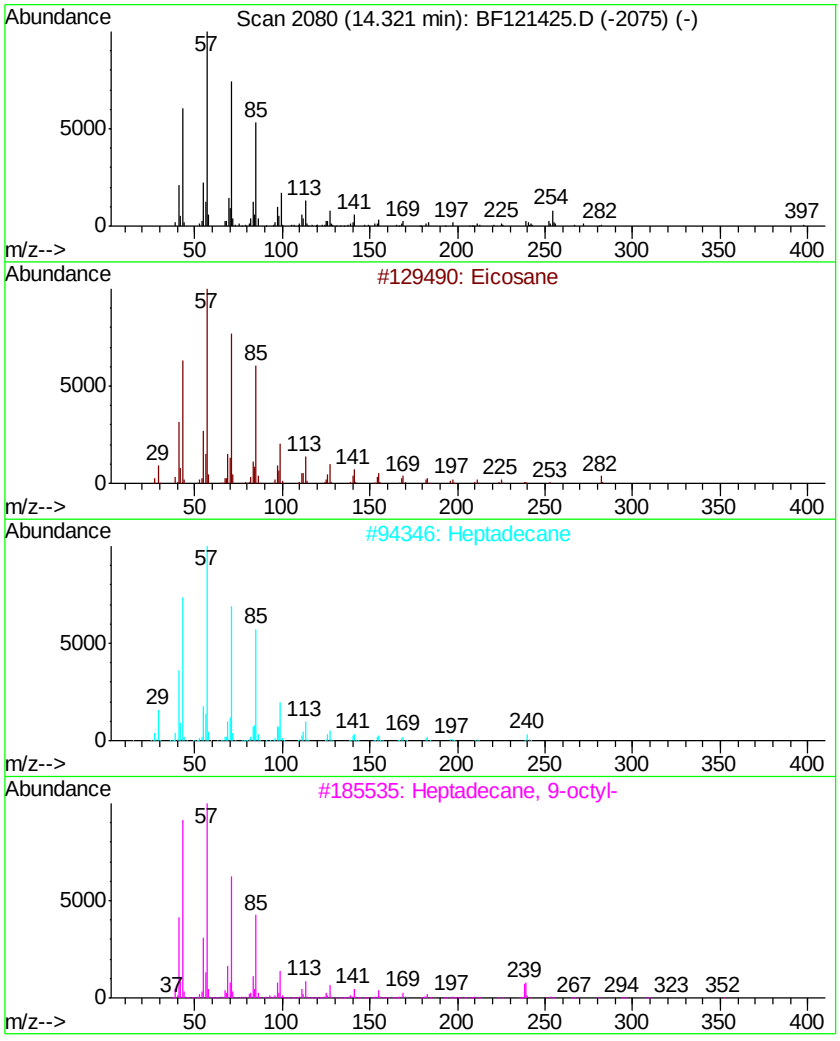
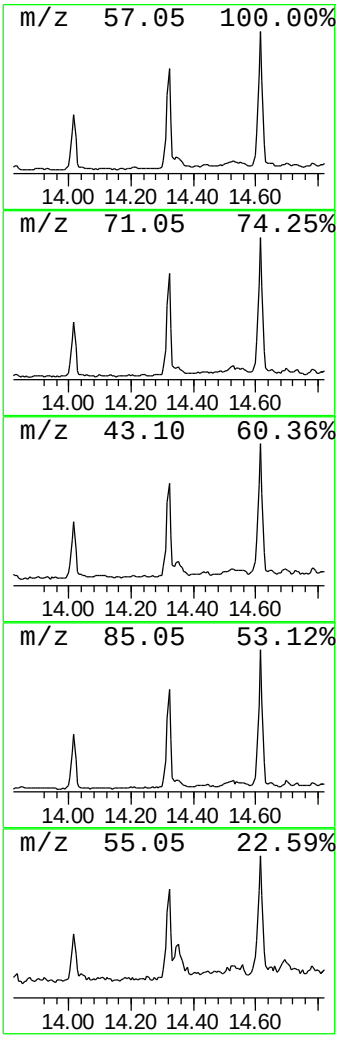
Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.40 ng	217840	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	96
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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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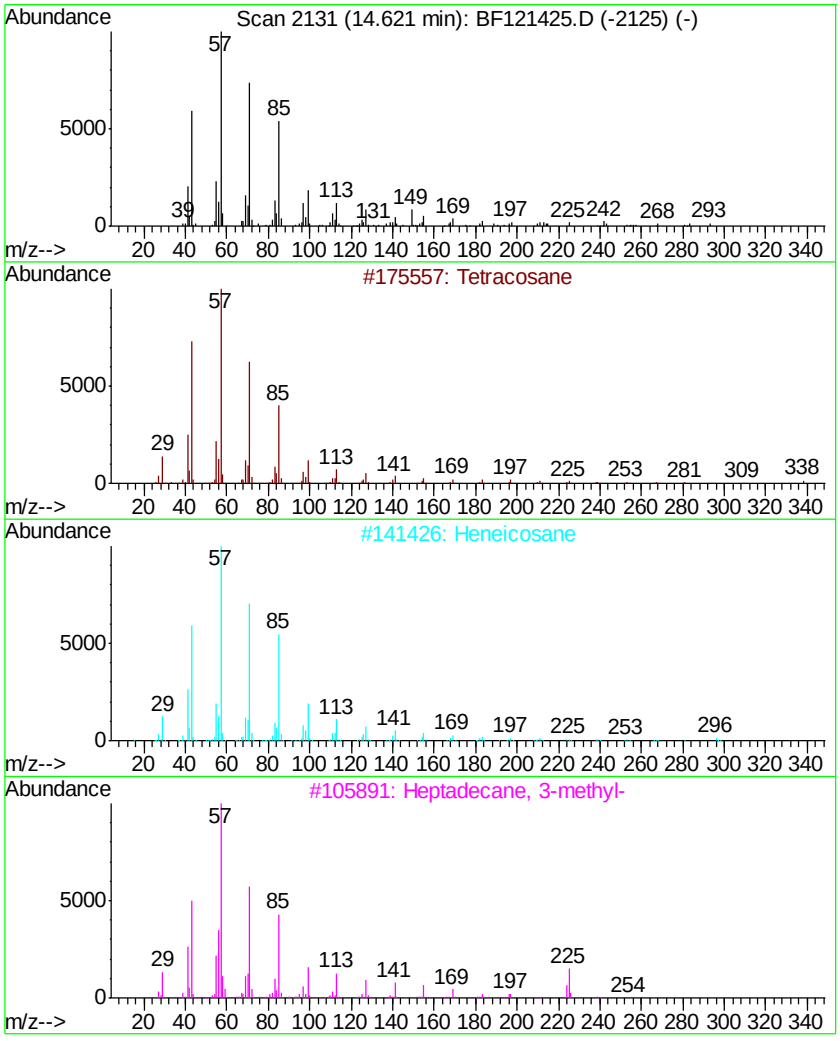
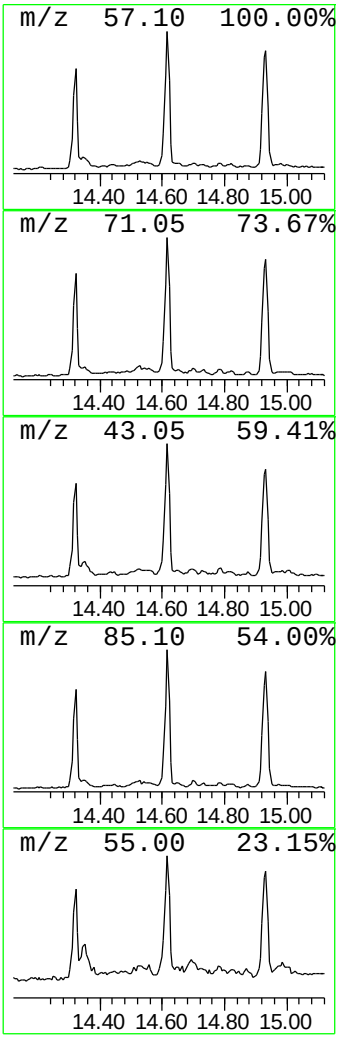
Peak Number 6 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.99 ng	285169	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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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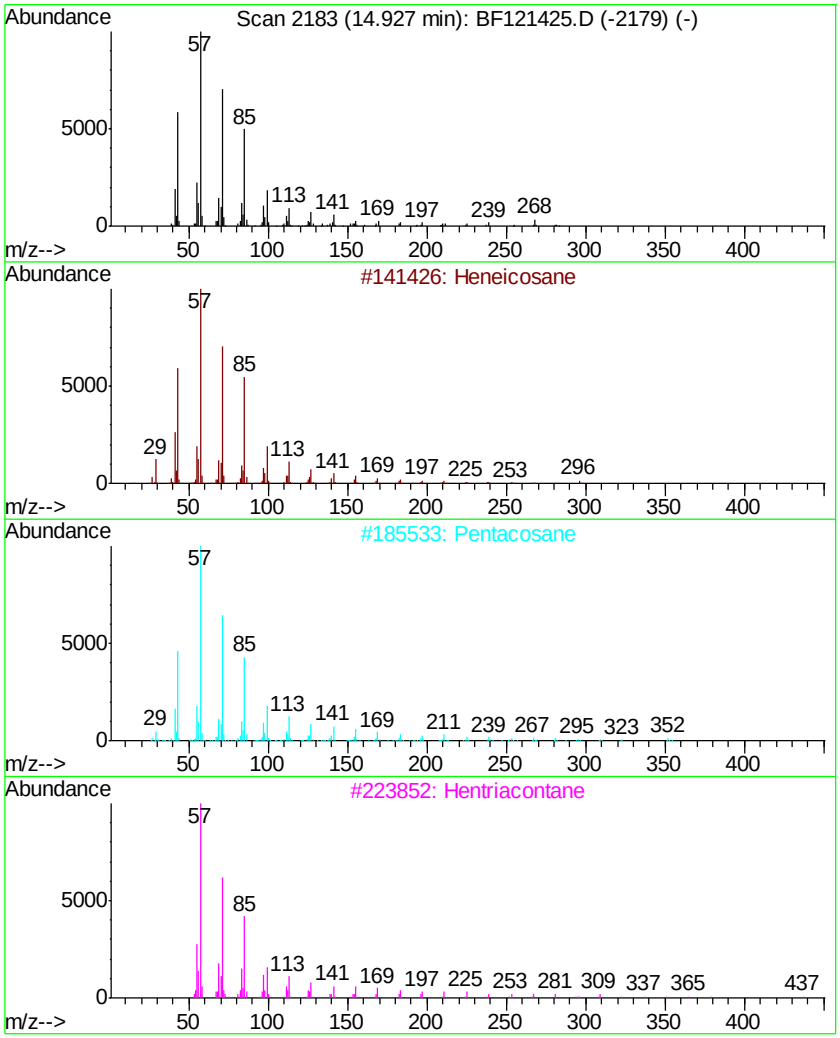
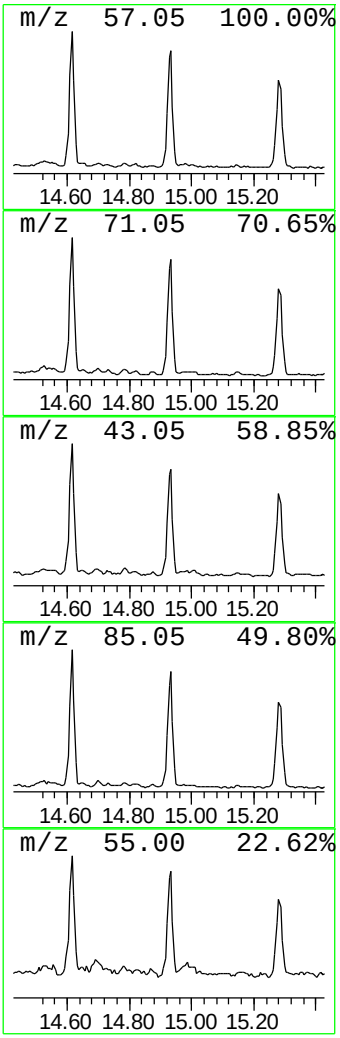
Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.86 ng	272943	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Hexatriacontane	507	C36H74	000630-06-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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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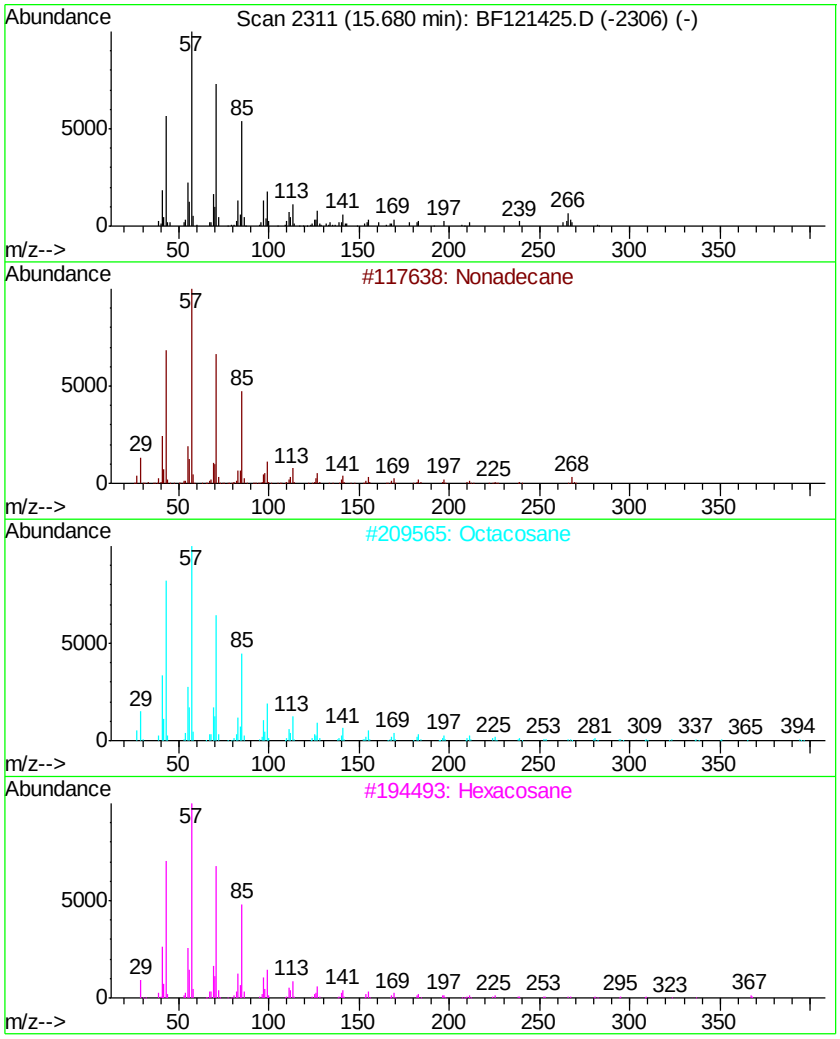
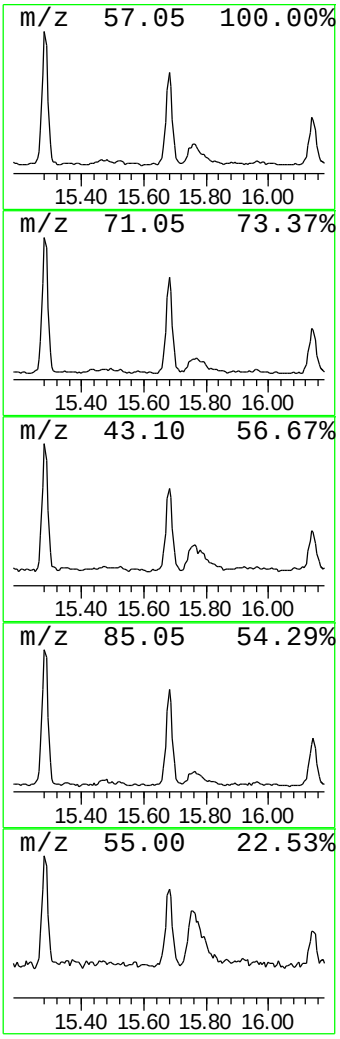
Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.10 ng	200491	Perylene-d12	15.27

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-04

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-eth...	6.53	5.9	ng	250621	1	6.69	855327	20.0
2,4,7,9-Tetrameth...	9.17	3.2	ng	216036	3	9.73	1358070	20.0
n-Hexadecanoic acid	11.75	2.4	ng	185280	4	11.21	1523390	20.0
Cyclotetradecane	13.70	6.5	ng	590584	5	13.85	1812910	20.0
Eicosane	14.32	2.4	ng	217840	5	13.85	1812910	20.0
Tetracosane	14.62	3.0	ng	285169	6	15.27	1907590	20.0
Heneicosane	14.93	2.9	ng	272943	6	15.27	1907590	20.0
Nonadecane	15.68	2.1	ng	200491	6	15.27	1907590	20.0