LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113114.D
Acq On : 19 Mar 2019 2:46
Operator : JU/SJ
Sample : K1947-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B003-031219

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-BF022719.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	5.351	550	555	558	rBV	3167319	3112977	81.76%	10.999%
2	6.381	724	730	746	rBV	3336818	3807607	100.00%	13.453%
3	6.504	746	751	754	rBV	4063994	3663502	96.22%	12.944%
4	6.569	760	762	774	rVB2	24456	46231	1.21%	0.163%
5	6.728	786	789	793	rBV	1102586	874963	22.98%	3.091%
6	6.887	812	816	819	rBV	3283540	2891948	75.95%	10.218%
7	7.292	880	885	897	rBV	1959593	1942744	51.02%	6.864%
8	8.010	1003	1007	1026	rBV	764714	792845	20.82%	2.801%
9	9.086	1186	1190	1204	rBV	3171908	2972504	78.07%	10.502%
10	9.481	1253	1257	1266	rBV	163882	177119	4.65%	0.626%
11	9.763	1301	1305	1315	rBV	758722	754168	19.81%	2.665%
12	10.545	1434	1438	1453	rBV	1490403	1709996	44.91%	6.042%
13	11.239	1552	1556	1573	rVB	686565	725826	19.06%	2.564%
14	12.821	1820	1825	1828	rBV	2833335	2675518	70.27%	9.453%
15	13.798	1984	1991	1999	rBV6	48532	164499	4.32%	0.581%
16	13.868	1999	2003	2017	rVB	795156	835107	21.93%	2.951%
17	14.639	2131	2134	2138	rVB	64050	57044	1.50%	0.202%
18	14.957	2185	2188	2193	rVB	75418	80947	2.13%	0.286%
19	15.280	2238	2243	2246	rBV	371431	499420	13.12%	1.765%
20	15.310	2246	2248	2254	rVB	114484	147651	3.88%	0.522%
21	15.715	2313	2317	2326	rVB	88105	138993	3.65%	0.491%
22	16.186	2392	2397	2410	rVB3	72998	157656	4.14%	0.557%
23	16.733	2486	2490	2496	rVB2	40044	74314	1.95%	0.263%

Sum of corrected areas: 28303579

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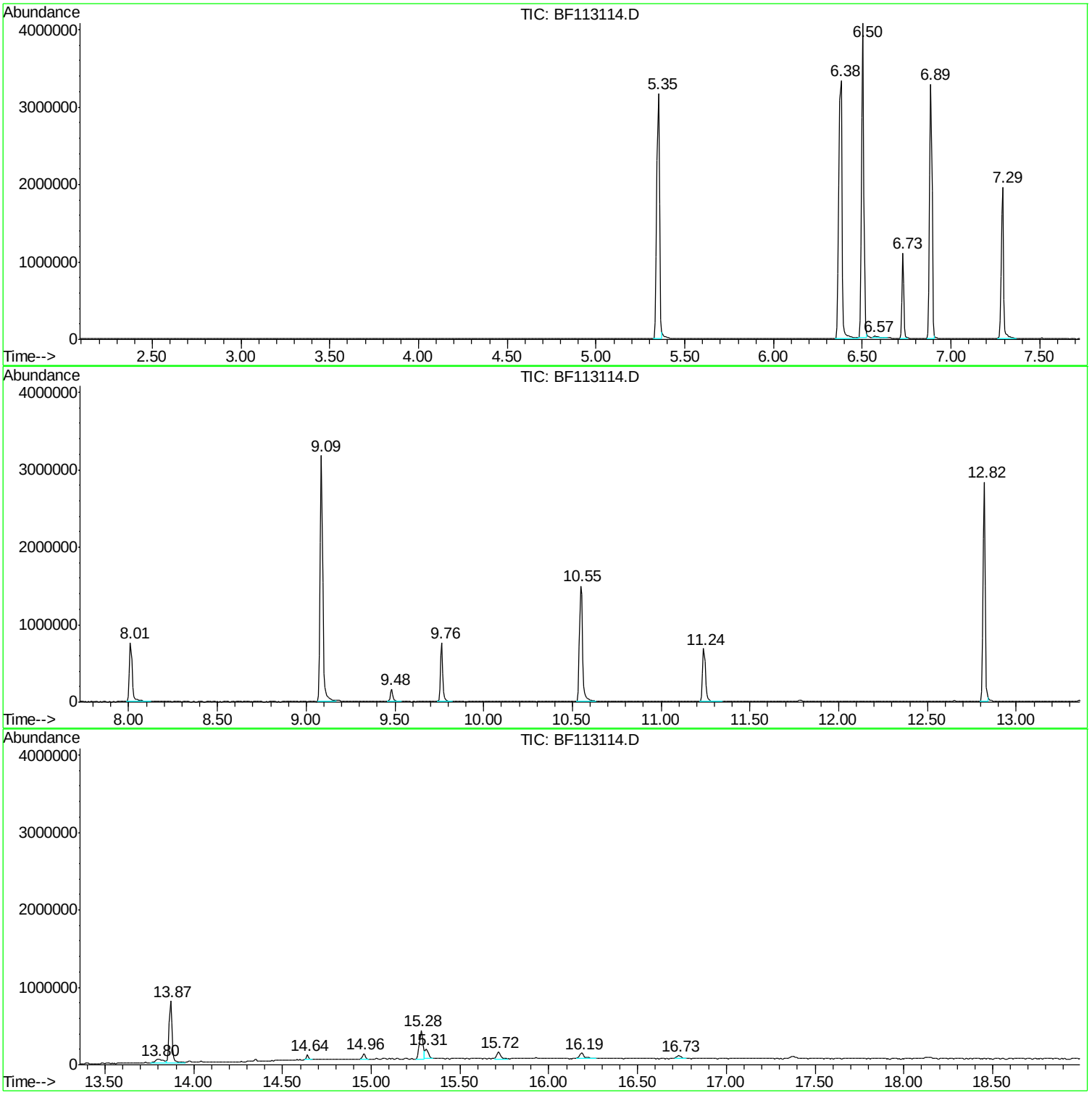
Instrument :
BNA_F
ClientSampleId :
PST-028-B003-031219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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

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Operator : JU/SJ
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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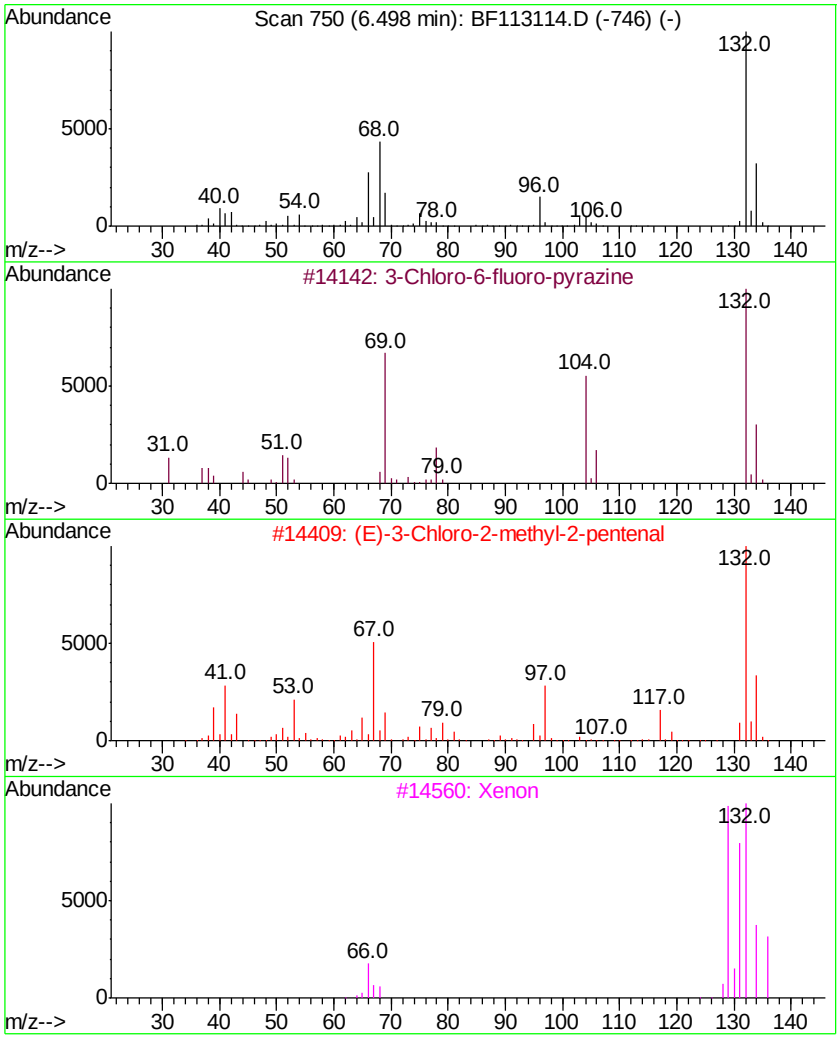
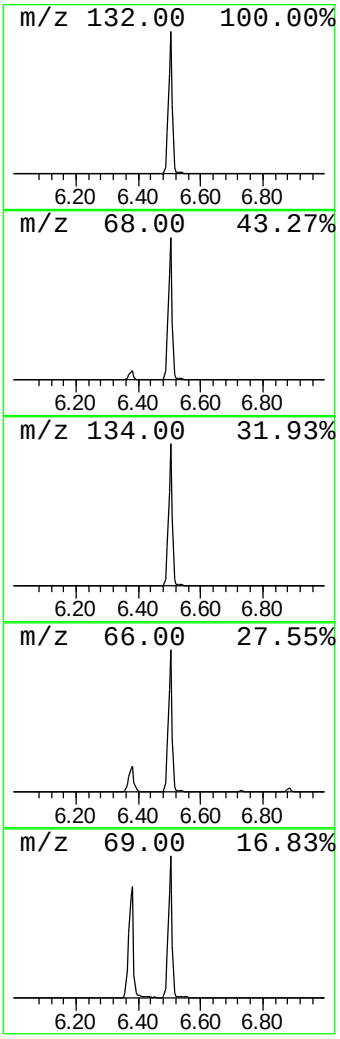
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	83.74 ng	3663500	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Xenon	132	Xe	007440-63-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : PST-028-B003-031219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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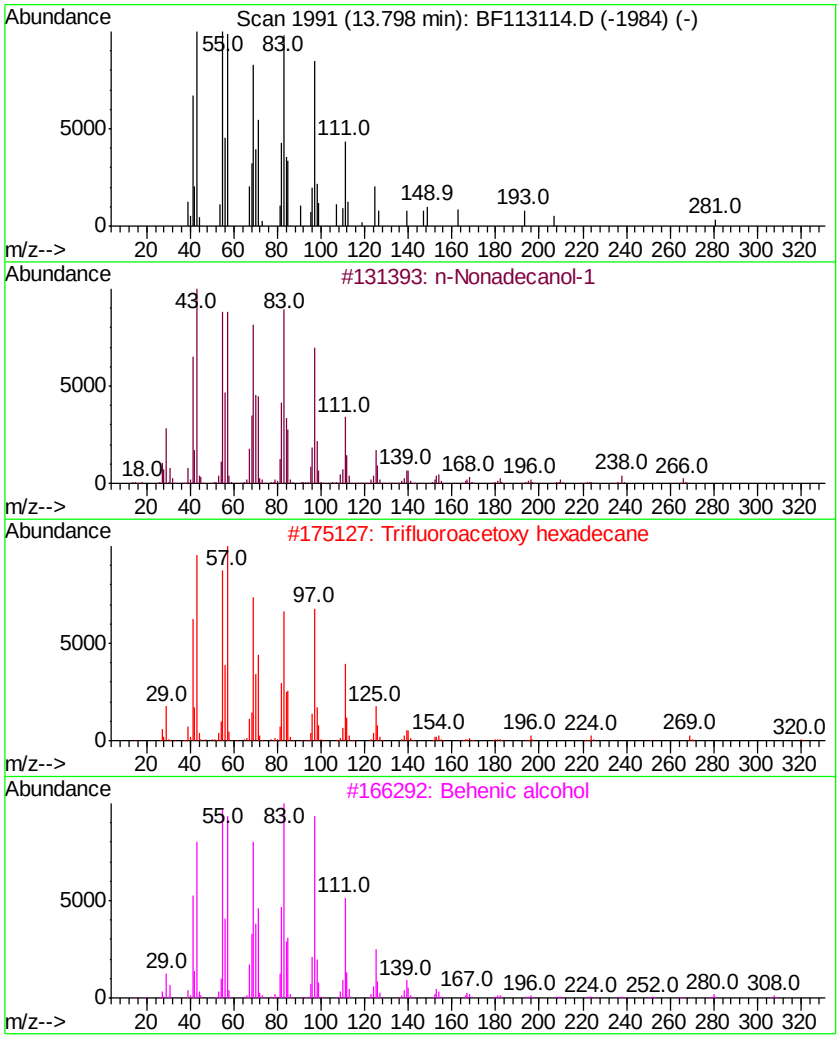
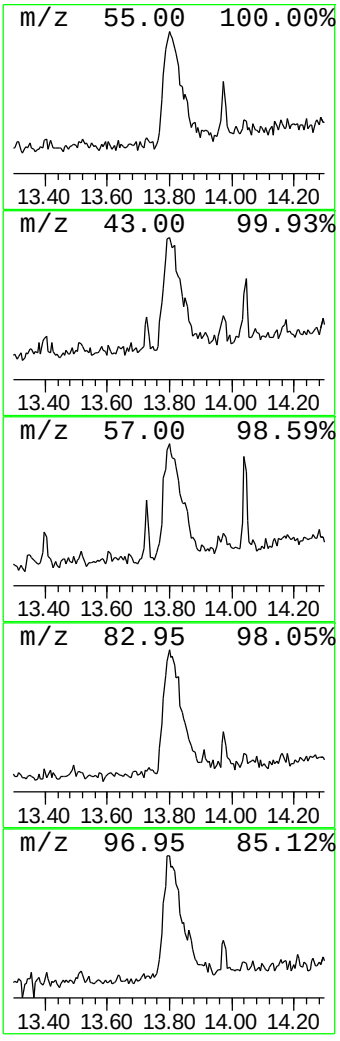
Peak Number 3 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.94 ng	164499	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	95





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Acq On : 19 Mar 2019 2:46
Operator : JU/SJ
Sample : K1947-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B003-031219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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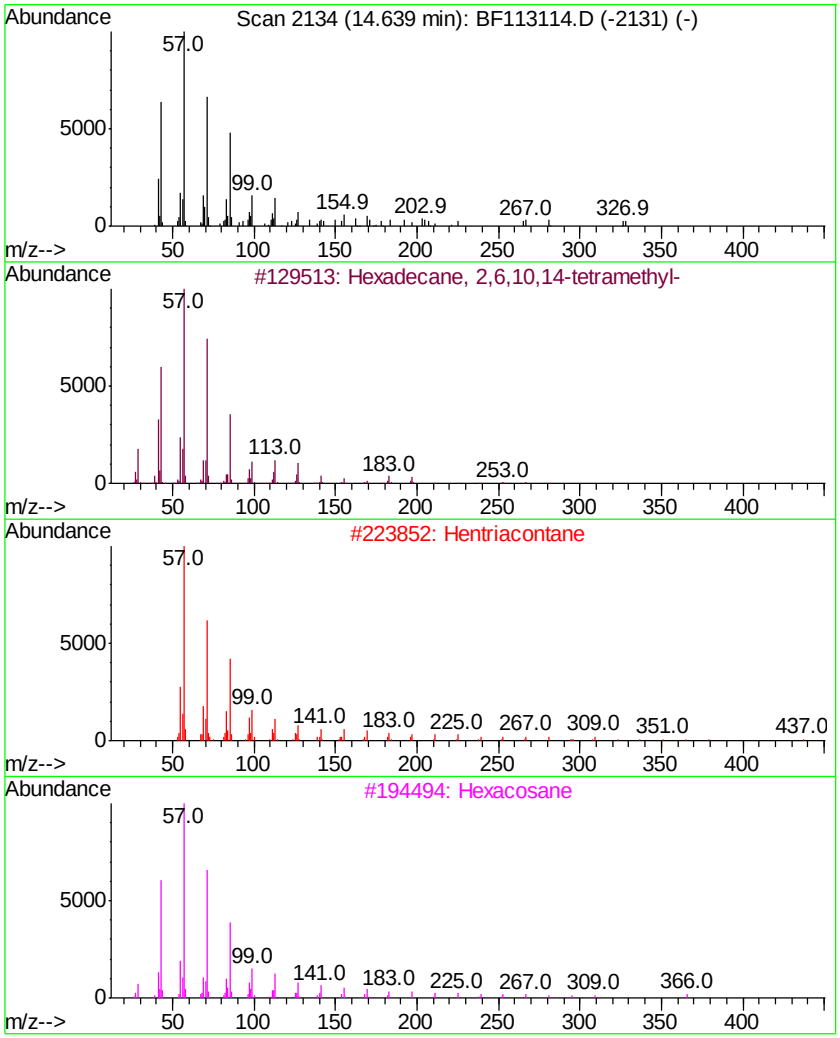
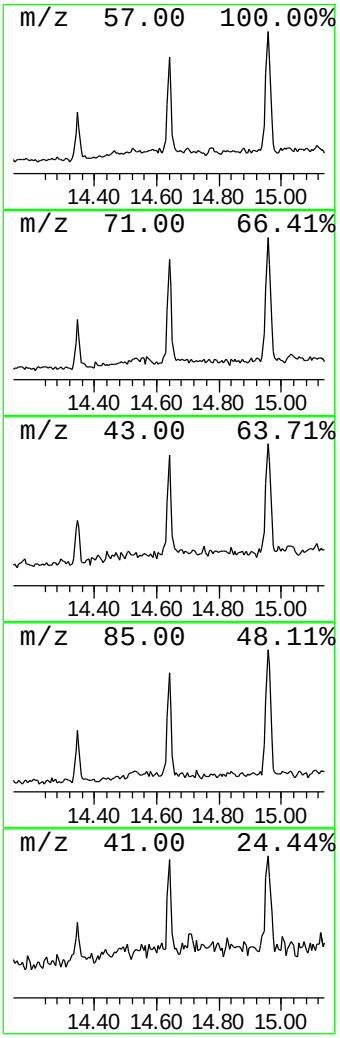
Peak Number 4 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.28 ng	57044	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane	240	C17H36	000629-78-7	83





Library Search Compound Report

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Operator : JU/SJ
Sample : K1947-02
Misc :
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Instrument : BNA_F
ClientSampleId : PST-028-B003-031219

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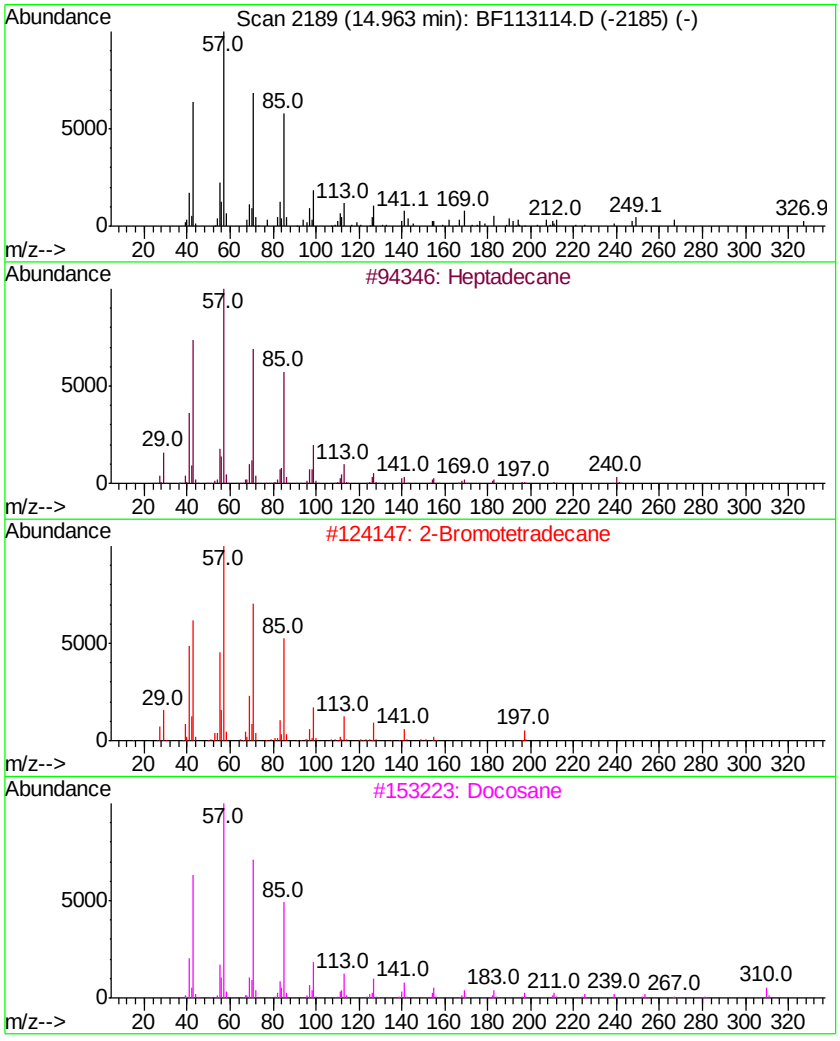
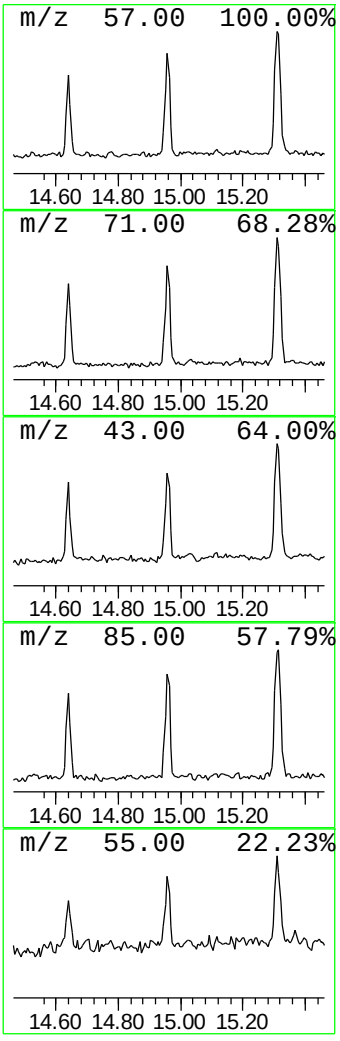
Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.24 ng	80947	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	83
3	Docosane	310	C22H46	000629-97-0	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





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Operator : JU/SJ
Sample : K1947-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B003-031219

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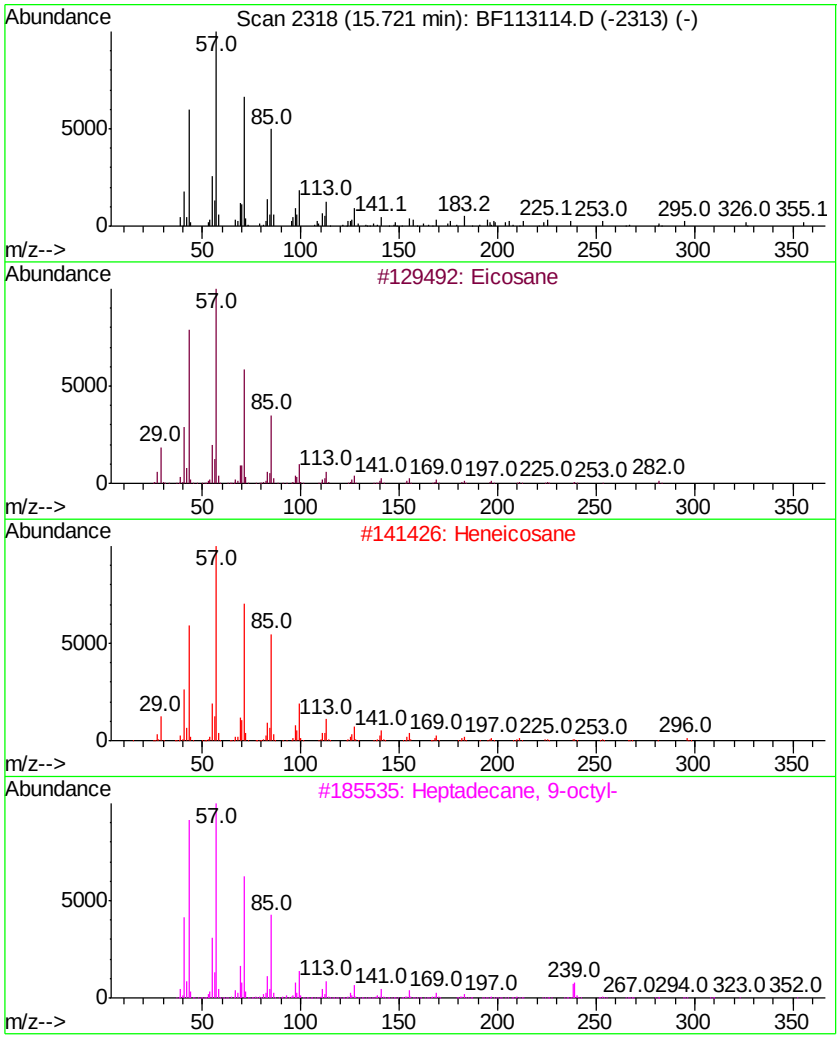
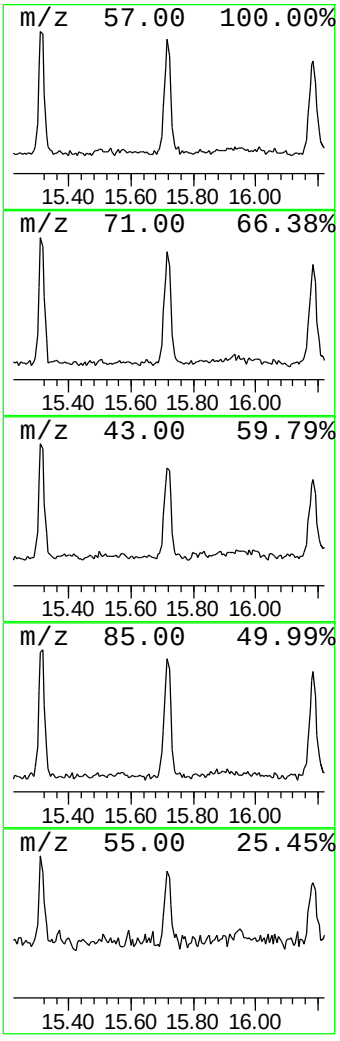
****

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	5.57 ng	138993	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

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BNA_F
ClientSampleId :
PST-028-B003-031219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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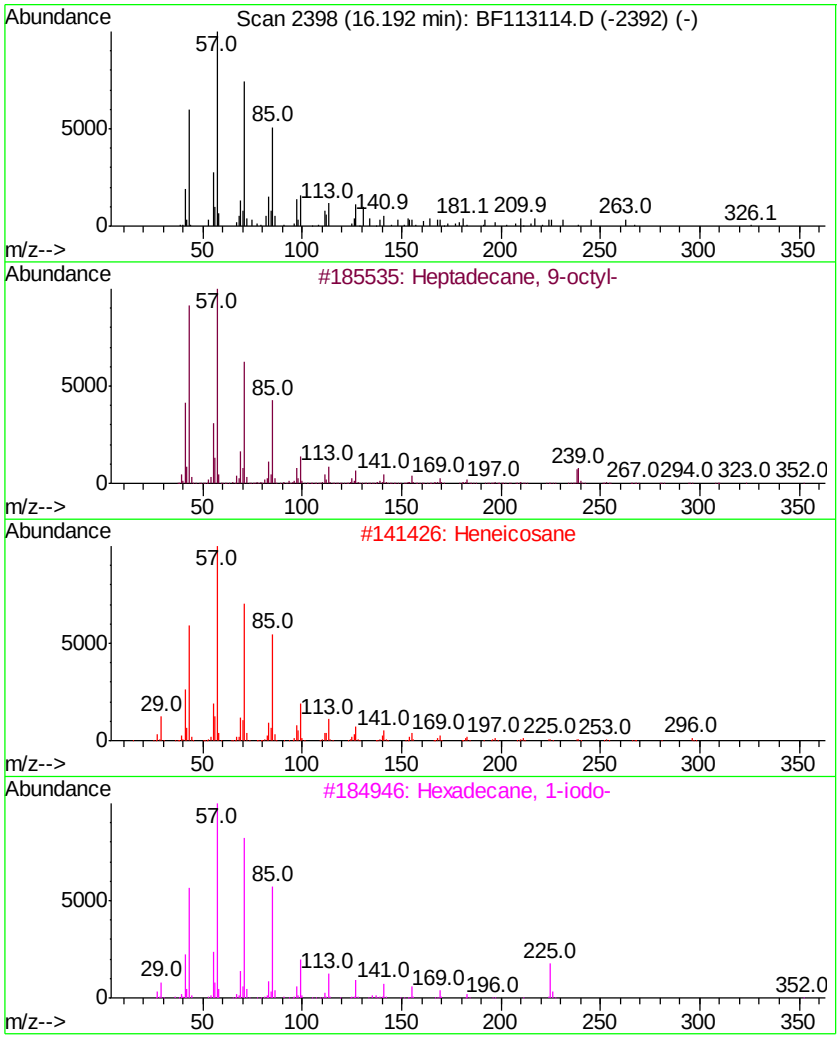
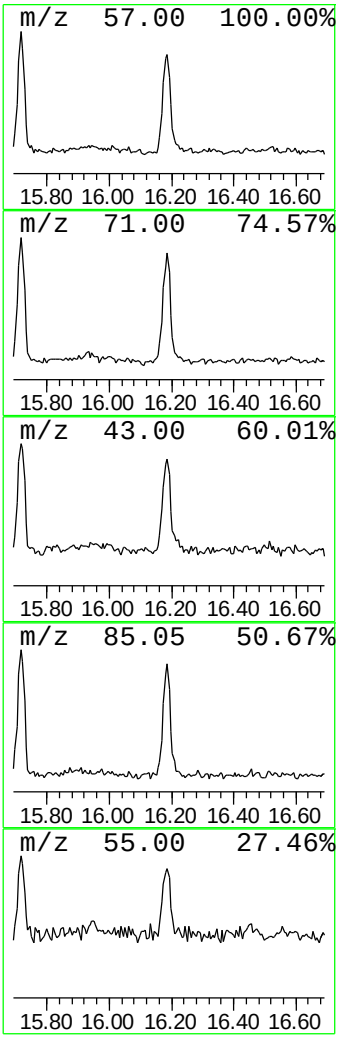
Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	6.31 ng	157656	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4	Triacontane	422	C30H62	000638-68-6	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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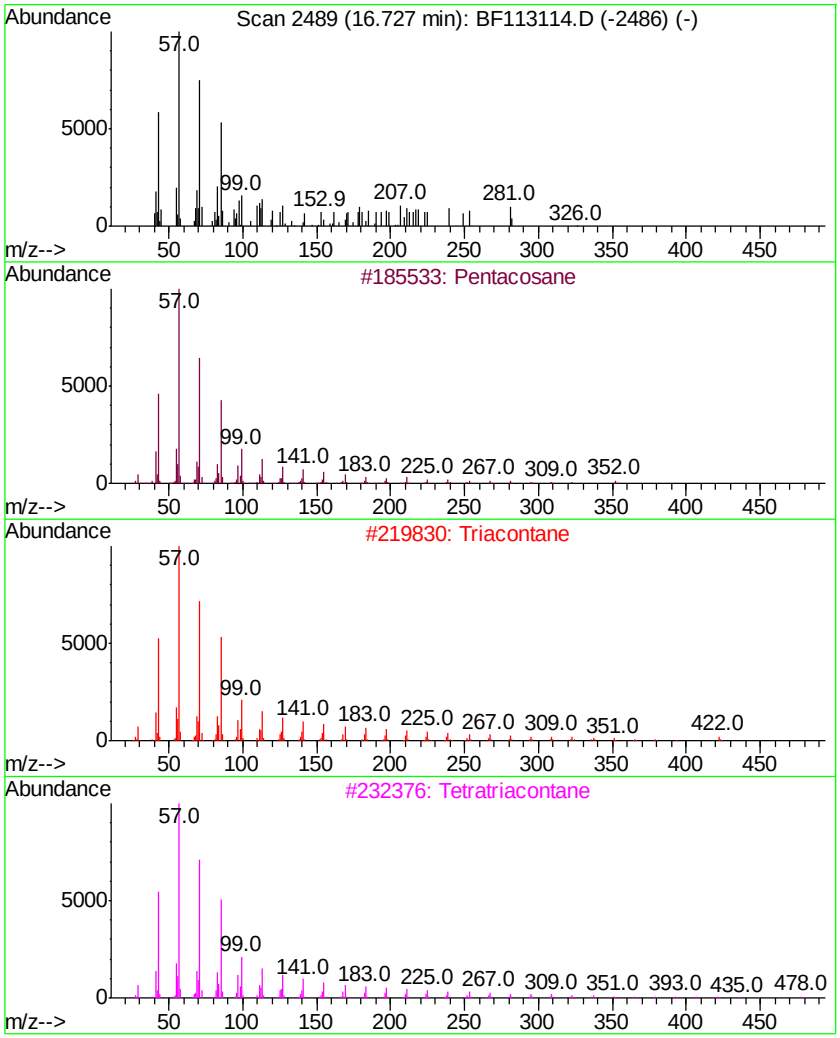
TIC Integration Parameters: LSCINT.P

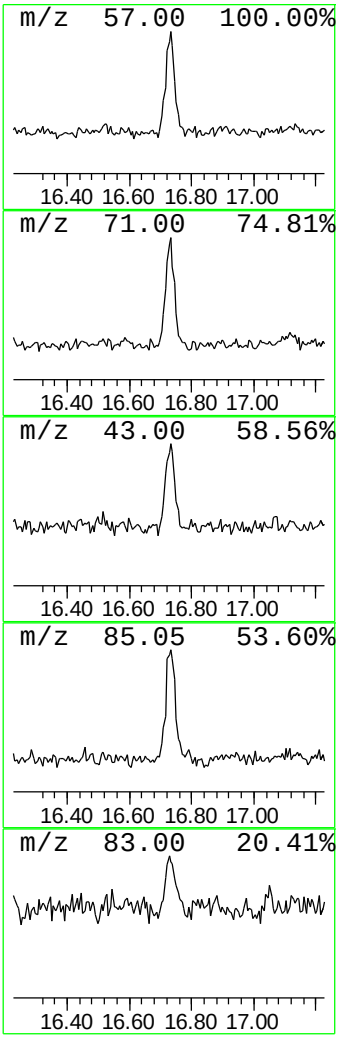
****

Peak Number 8 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.98 ng	74314	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	68
2	Triacontane	422	C30H62	000638-68-6	64
3	Tetratriacontane	479	C34H70	014167-59-0	64
4	Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	64
5	2-methyloctacosane	408	C29H60	1000376-72-8	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	83.7	ng	3663500	1	6.73	874963	20.0
n-Nonadecanol-1	13.80	3.9	ng	164499	5	13.87	835107	20.0
Hexadecane, 2,6,1...	14.64	2.3	ng	57044	6	15.28	499420	20.0
Heptadecane	14.96	3.2	ng	80947	6	15.28	499420	20.0
Eicosane	15.72	5.6	ng	138993	6	15.28	499420	20.0
Heptadecane, 9-oc...	16.19	6.3	ng	157656	6	15.28	499420	20.0
Pentacosane	16.73	3.0	ng	74314	6	15.28	499420	20.0