LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

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-BF011619.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	5.057	502	505	513	rBV	73652	88344	4.33%	0.333%
2	5.487	575	578	593	rBV	1748559	1838321	90.12%	6.939%
3	6.134	686	688	691	rBV	24730	22398	1.10%	0.085%
4	6.504	747	751	759	rBV	1875489	1946646	95.43%	7.348%
5	6.634	769	773	779	rBV	2277990	2039769	100.00%	7.699%
6	6.857	807	811	819	rBV	1427692	1191415	58.41%	4.497%
7	7.010	833	837	841	rBV	1778407	1579406	77.43%	5.961%
8	7.416	902	906	916	rBV	1244019	1155339	56.64%	4.361%
9	7.881	983	985	988	rBV2	29283	22493	1.10%	0.085%
10	8.140	1025	1029	1032	rBV	1763235	1450092	71.09%	5.473%
11	9.210	1207	1211	1222	rBV	1979840	1702536	83.47%	6.426%
12	9.363	1233	1237	1241	rVB5	22777	37722	1.85%	0.142%
13	9.528	1262	1265	1267	rBV3	45457	46698	2.29%	0.176%
14	9.551	1267	1269	1273	rVV	250966	226324	11.10%	0.854%
15	9.604	1275	1278	1283	rVB	208663	193389	9.48%	0.730%
16	9.651	1283	1286	1288	rBV3	70191	58337	2.86%	0.220%
17	9.898	1324	1328	1331	rBV	1316802	1296173	63.55%	4.892%
18	9.922	1331	1332	1336	rVB2	95778	67687	3.32%	0.255%
19	9.969	1338	1340	1342	rVB3	35303	28132	1.38%	0.106%
20	10.016	1342	1348	1352	rBV3	194070	262514	12.87%	0.991%
21	10.098	1359	1362	1365	rVB	52538	46539	2.28%	0.176%
22	10.186	1375	1377	1379	rBV2	53178	36688	1.80%	0.138%
23	10.439	1418	1420	1423	rBV	30477	26971	1.32%	0.102%
24	10.539	1434	1437	1439	rVB2	73710	66205	3.25%	0.250%
25	10.569	1439	1442	1444	rVB	89623	75586	3.71%	0.285%
26	10.598	1444	1447	1449	rBV4	22030	25970	1.27%	0.098%
27	10.616	1449	1450	1453	rVB3	31626	25336	1.24%	0.096%
28	10.657	1454	1457	1459	rBV3	32818	42278	2.07%	0.160%
29	10.686	1459	1462	1466	rBV	1343101	1165877	57.16%	4.401%
30	10.804	1478	1482	1486	rBV3	90639	105084	5.15%	0.397%
31	11.386	1577	1581	1583	rBV	1431857	1410791	69.16%	5.325%
32	11.404	1583	1584	1587	rVV	369064	303084	14.86%	1.144%
33	11.428	1587	1588	1591	rVV	150670	119004	5.83%	0.449%
34	11.457	1591	1593	1596	rVB	100906	77020	3.78%	0.291%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.486	1596	1598	1600	rBV3	29066	28100	1.38%	0.106%
36	11.516	1600	1603	1606	rVB2	85254	77131	3.78%	0.291%
37	11.592	1614	1616	1618	rBV2	45742	43351	2.13%	0.164%
38	11.727	1636	1639	1642	rBV	100494	82660	4.05%	0.312%
39	11.869	1660	1663	1667	rBV2	232352	251777	12.34%	0.950%
40	11.910	1667	1670	1677	rVB2	345143	391593	19.20%	1.478%
41	12.080	1696	1699	1704	rVB5	111147	116705	5.72%	0.441%
42	12.269	1729	1731	1734	rVB3	54570	40862	2.00%	0.154%
43	12.357	1744	1746	1749	rBV3	59387	58739	2.88%	0.222%
44	12.522	1771	1774	1778	rBV	336362	339741	16.66%	1.282%
45	12.598	1784	1787	1793	rBV	553898	625715	30.68%	2.362%
46	12.827	1823	1826	1832	rVB	396309	410081	20.10%	1.548%
47	12.963	1845	1849	1853	rBV	1772935	1666943	81.72%	6.292%
48	13.398	1920	1923	1926	rBV3	237752	215796	10.58%	0.815%
49	13.439	1927	1930	1933	rVV3	202057	240795	11.81%	0.909%
50	13.469	1933	1935	1940	rVB	186265	185255	9.08%	0.699%
51	13.857	1998	2001	2008	rVB3	348891	374443	18.36%	1.413%
52	14.027	2026	2030	2033	rBV2	1245726	1370352	67.18%	5.172%
53	15.133	2215	2218	2220	rBV	272271	290107	14.22%	1.095%
54	15.510	2279	2282	2287	rVB	717667	903159	44.28%	3.409%

Sum of corrected areas: 26493473

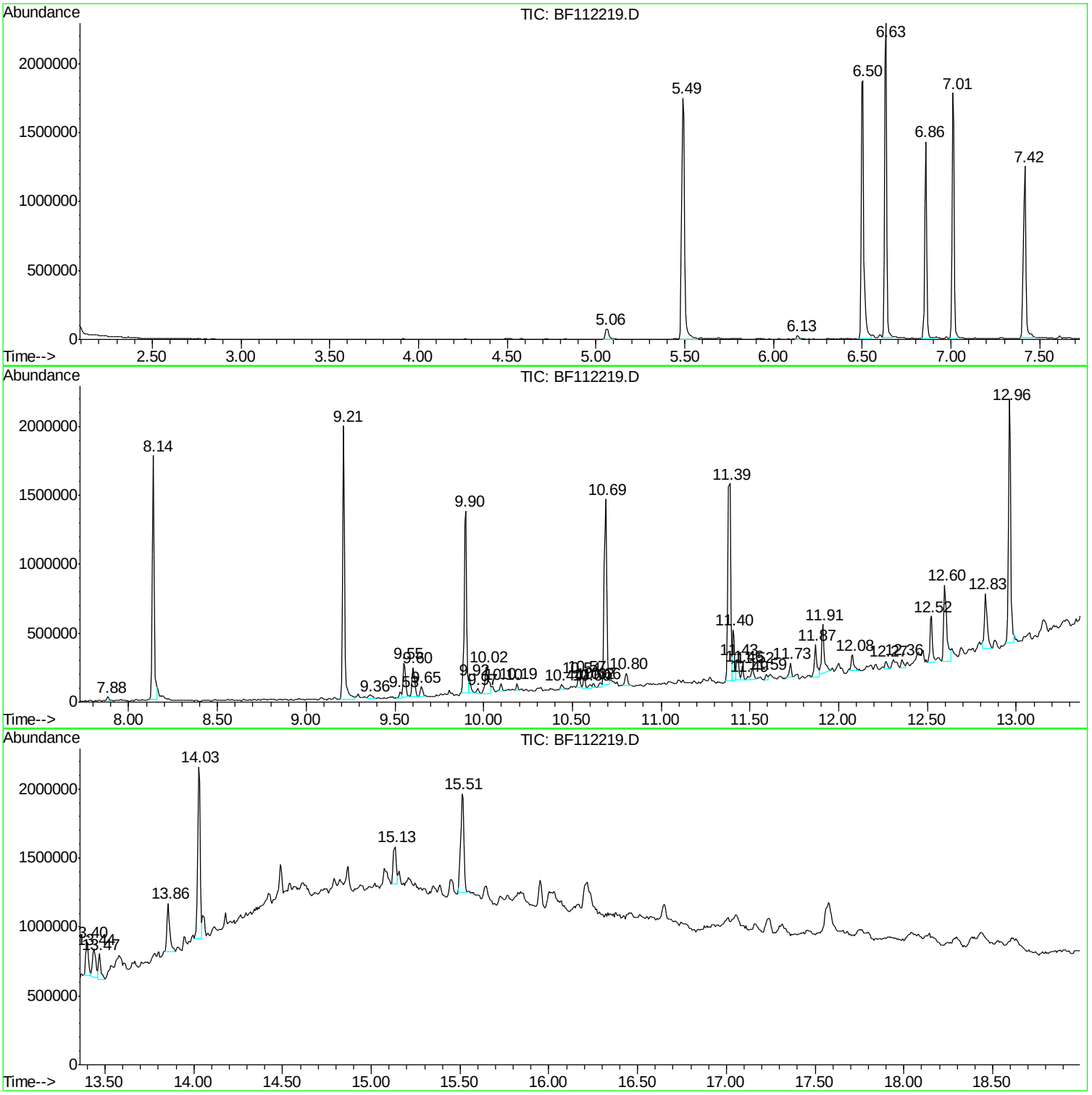
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

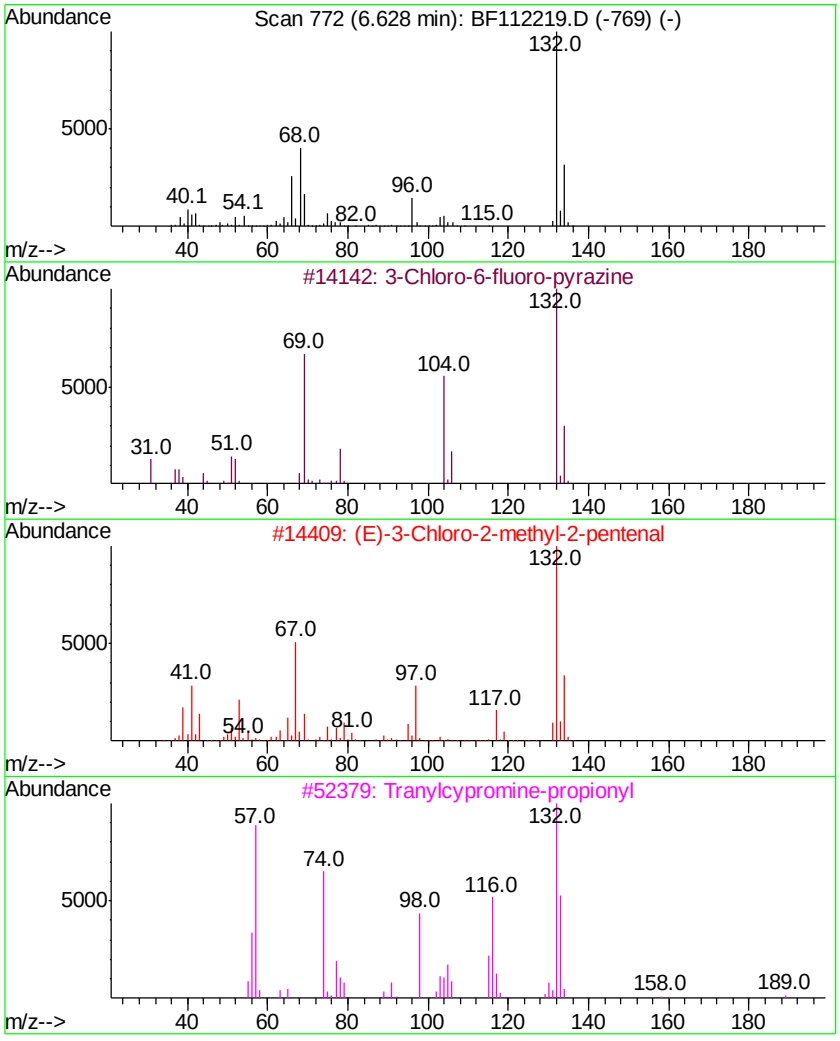
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

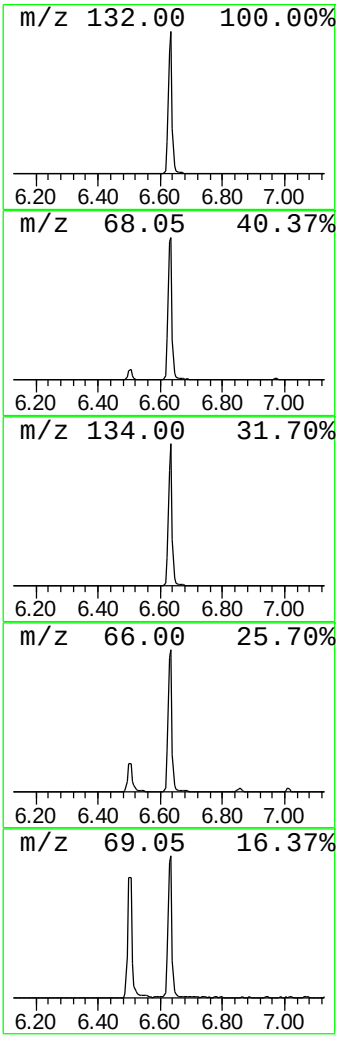
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	34.24 ng	2039770	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

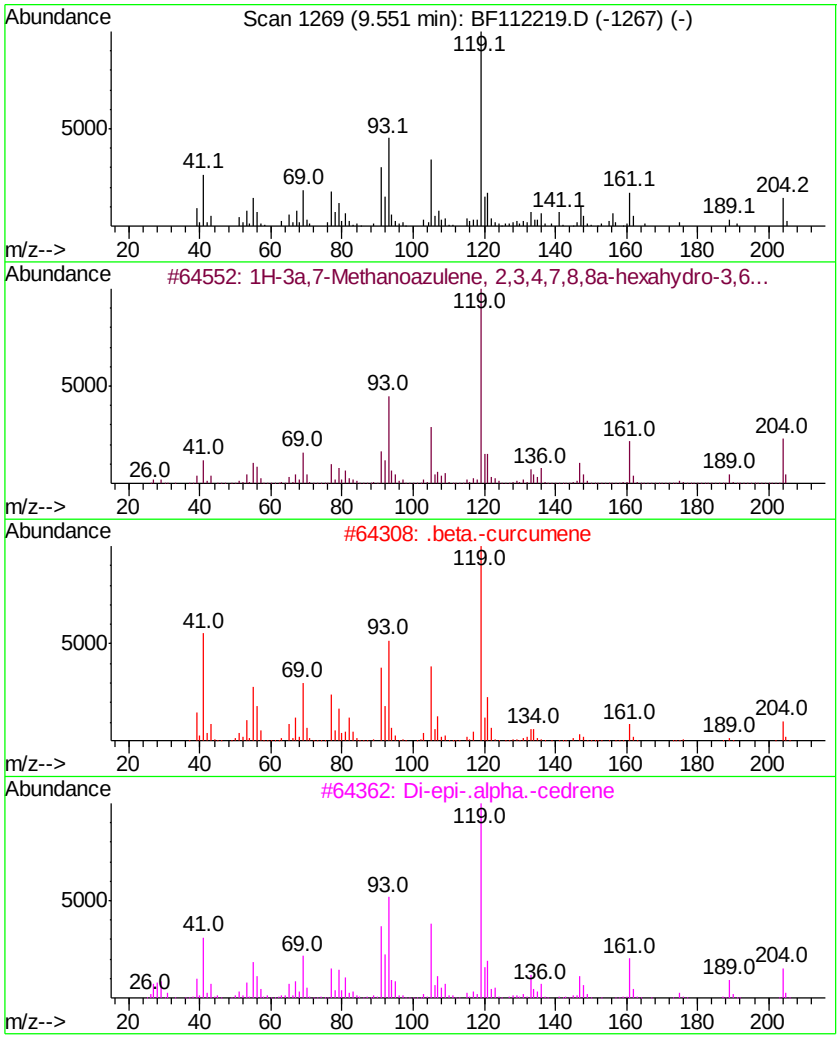
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

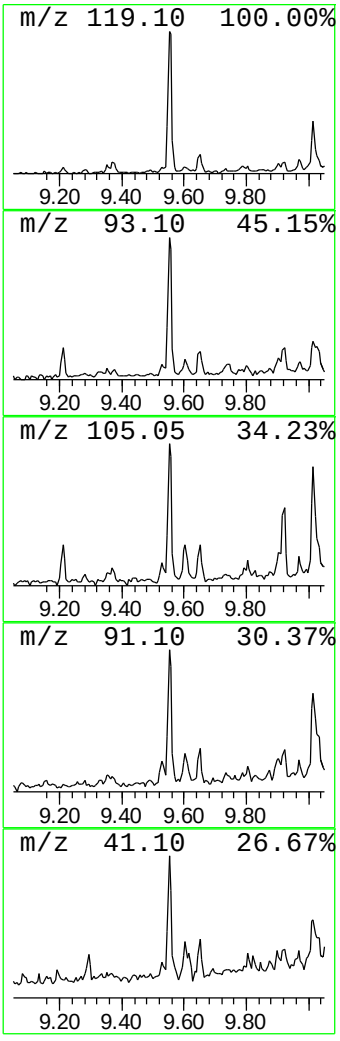
****

Peak Number 3 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	3.49 ng	226324	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	97
2	.beta.-curcumene	204	C15H24	1000374-17-4	87
3	Di-epi-.alpha.-cedrene	204	C15H24	050894-66-1	83
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	53
5	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

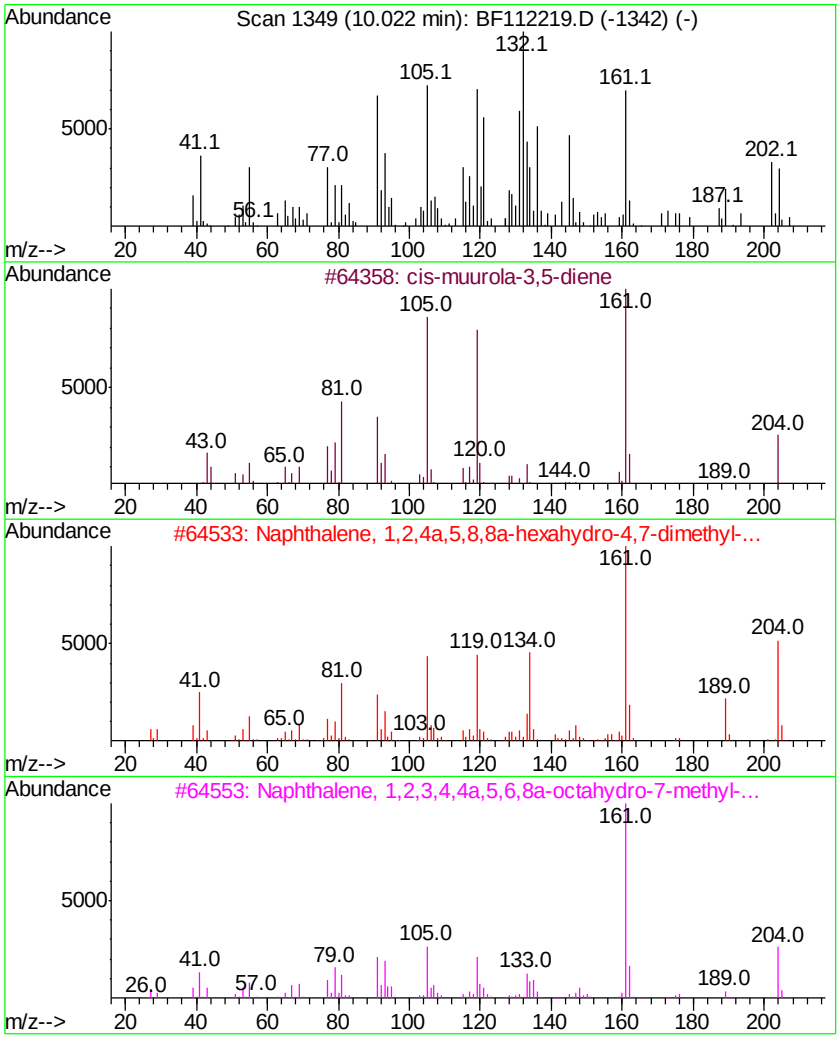
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

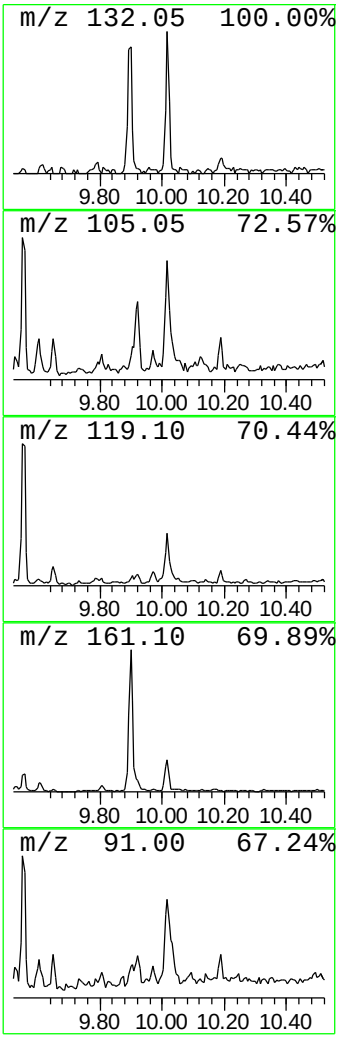
****

Peak Number 4 cis-muurola-3,5-diene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.05 ng	262514	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	83
2	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	60
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	60
4	.gamma.-Muurolene	204	C15H24	030021-74-0	60
5	Benzene, 1-(1,5-dimethyl-4-hexen...	202	C15H22	000644-30-4	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

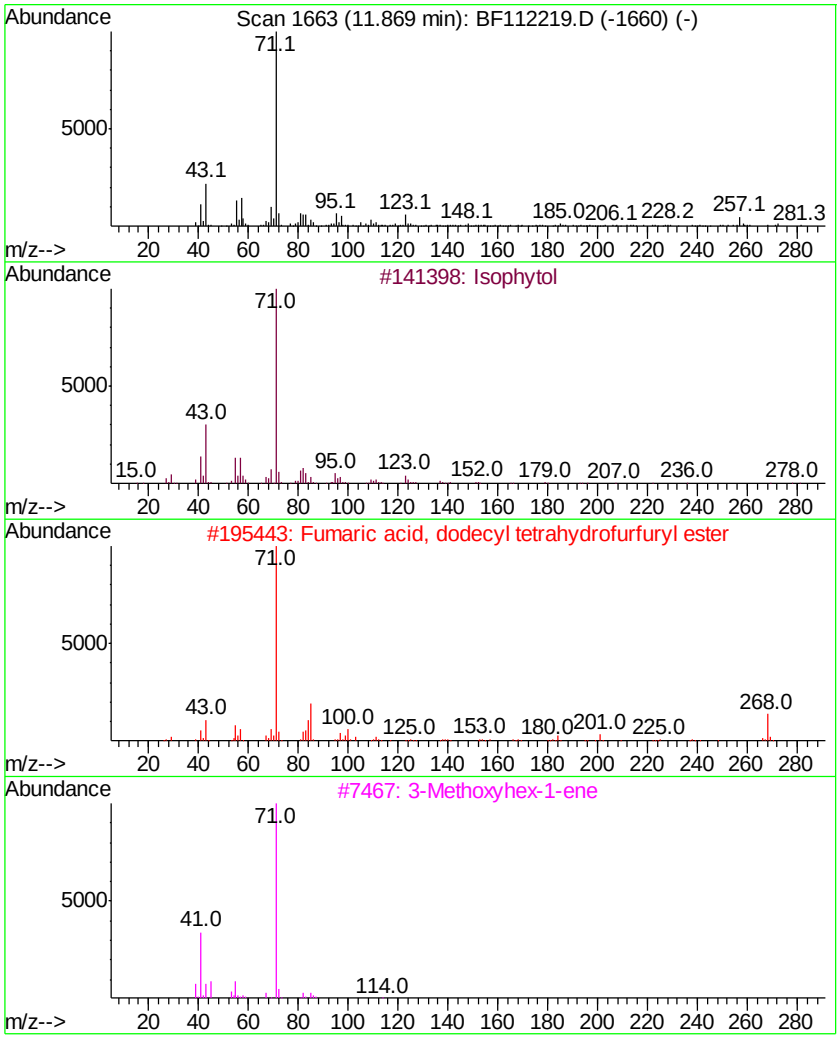
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

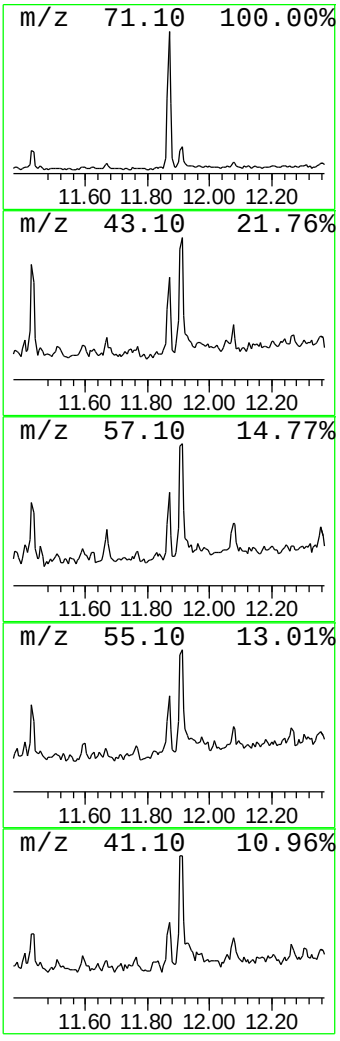
****

Peak Number 5 Isophytol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.57 ng	251777	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophytol	296	C20H40O	000505-32-8	86
2	Fumaric acid, dodecyl tetrahydro...	368	C21H36O5	1000330-58-6	64
3	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	52
4	Furazan-3-carboxamide, 4-amino-N...	212	C8H12N4O3	309735-27-1	50
5	2-Ethylbutyric acid, tetrahydrof...	200	C11H20O3	1000370-65-1	50





Library Search Compound Report

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Data File : BF112219.D
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Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

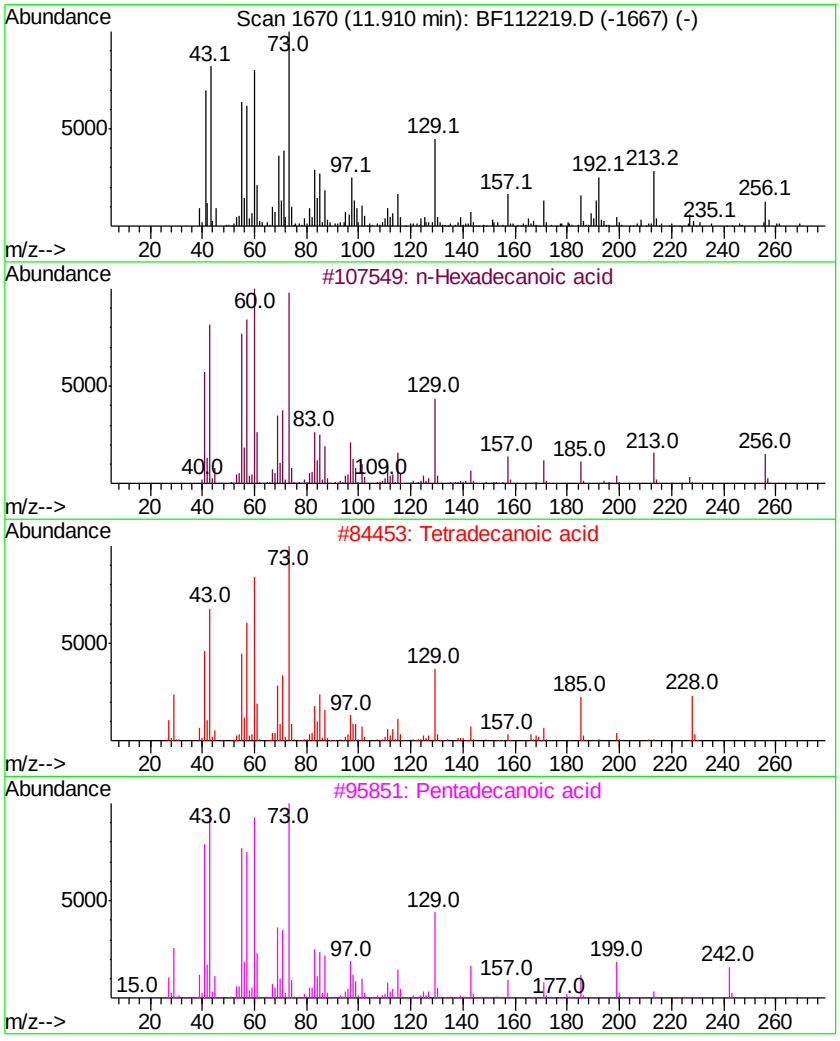
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

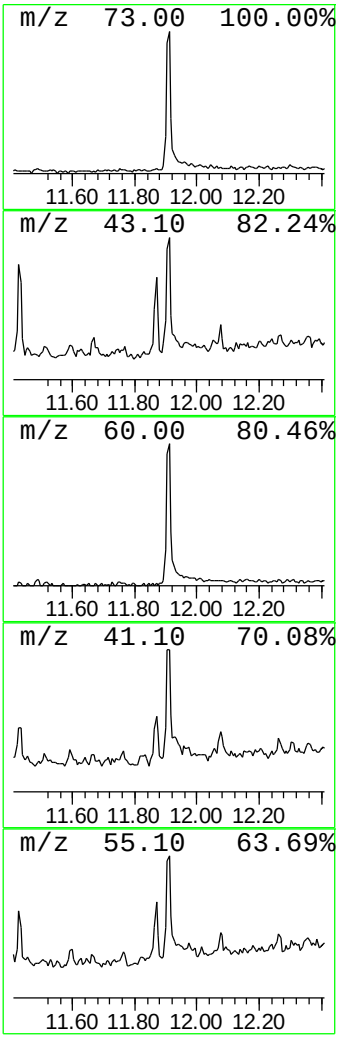
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.55 ng	391593	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
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Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

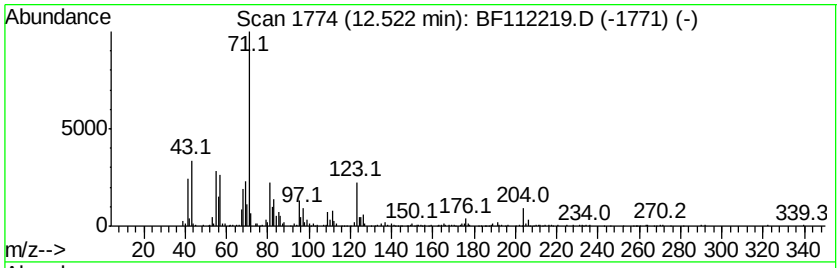
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

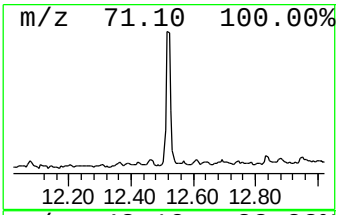
****

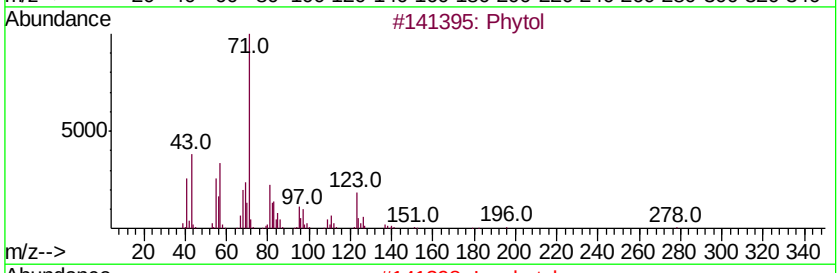
Peak Number 7 Phytol Concentration Rank 6

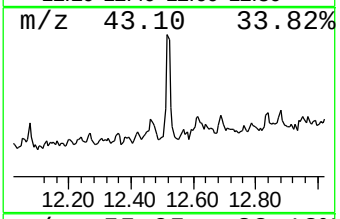
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.82 ng	339741	Phenanthrene-d10	11.39

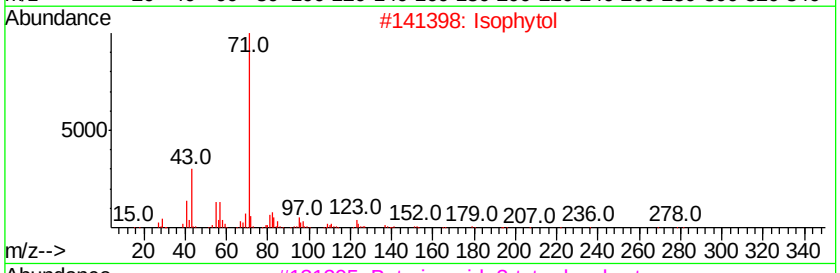
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	81
2	Isophytol	296	C20H40O	000505-32-8	43
3	Butyric acid, 3-tetradecyl ester	284	C18H36O2	1000280-57-1	43
4	Heptan-2-ol, 5-(2-tetrahydrofurf...	200	C12H24O2	281676-71-9	38
5	Acetamide, N-tetrahydrofurfuryl-...	197	C7H10F3NO2	1000307-30-7	38

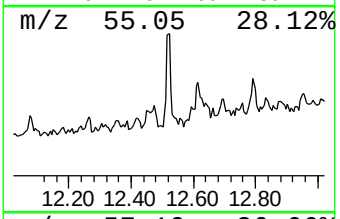


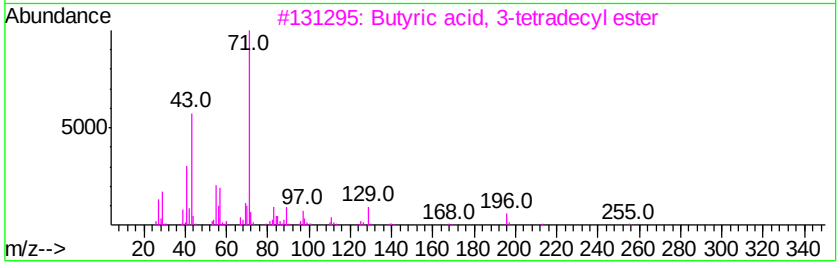


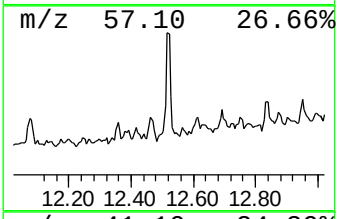


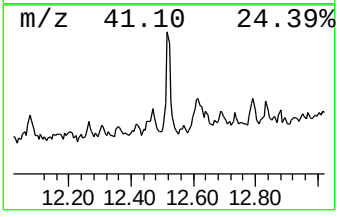












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

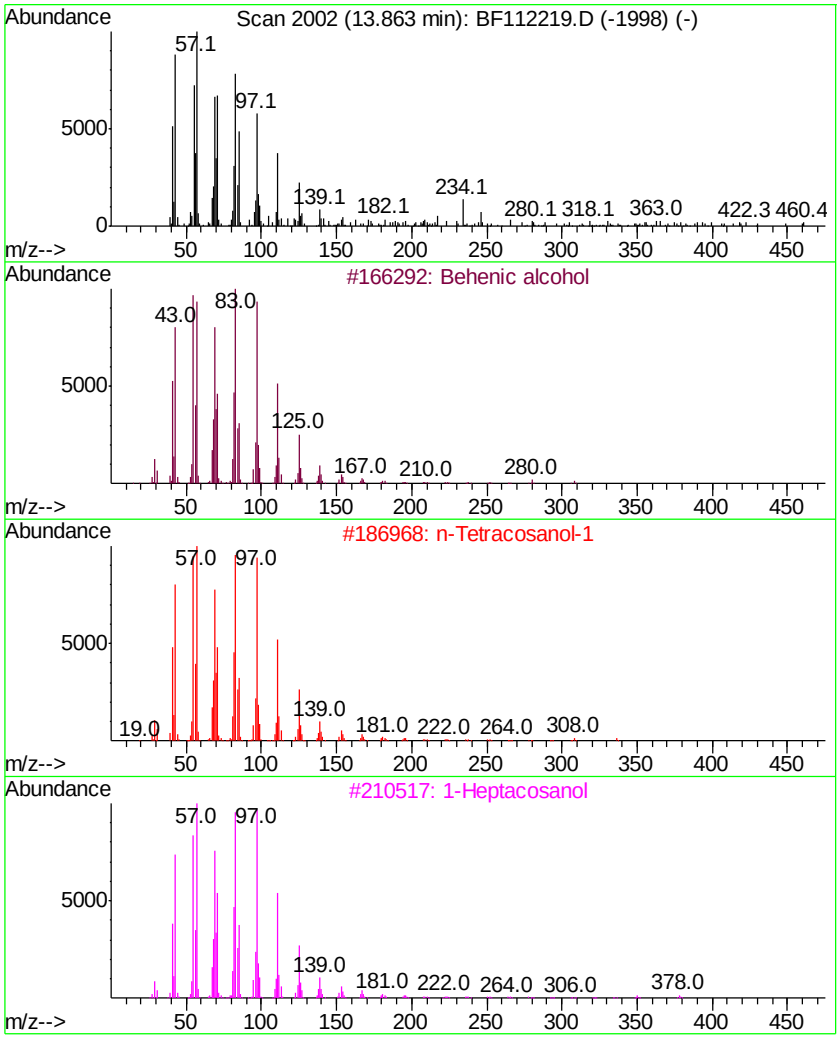
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

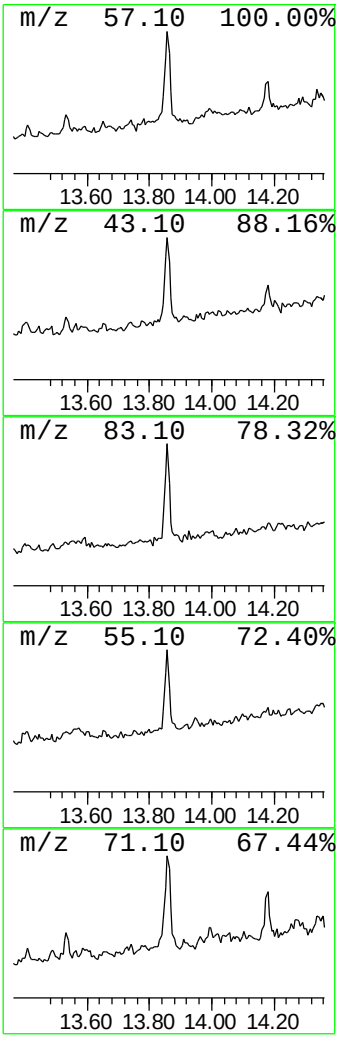
****

Peak Number 8 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.46 ng	374443	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

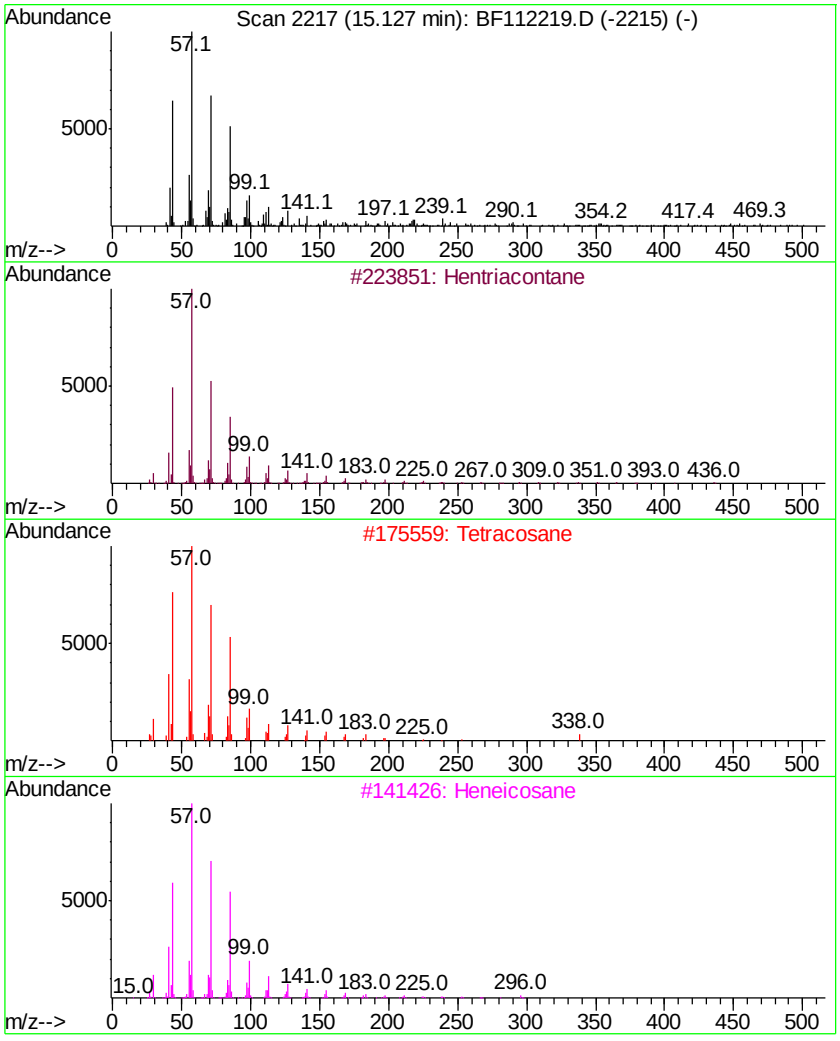
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

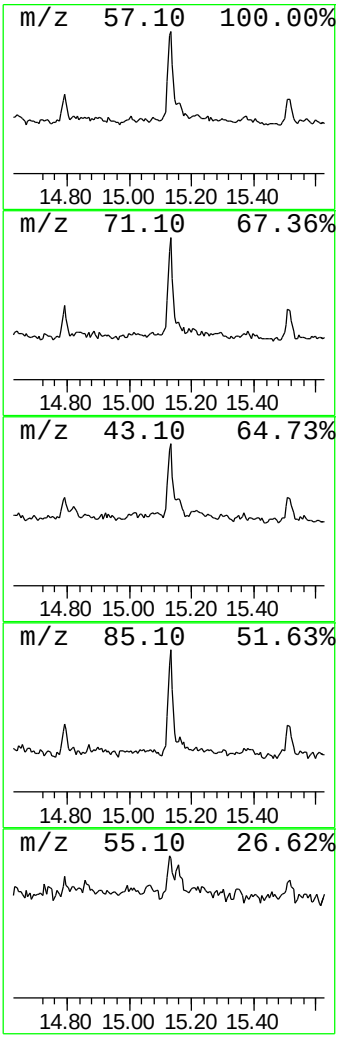
****

Peak Number 9 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	6.42 ng	290107	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	94
2	Tetracosane	338	C24H50	000646-31-1	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentacosane	352	C25H52	000629-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
unknown6.63	6.63	34.2	ng	2039770	1	6.86	1191420	20.0
1H-3a,7-Methanoaz...	9.55	3.5	ng	226324	3	9.89	1296170	20.0
cis-muurola-3,5-d...	10.02	4.0	ng	262514	3	9.89	1296170	20.0
Isophytol	11.87	3.6	ng	251777	4	11.39	1410790	20.0
n-Hexadecanoic acid	11.91	5.5	ng	391593	4	11.39	1410790	20.0
Phytol	12.52	4.8	ng	339741	4	11.39	1410790	20.0
Behenic alcohol	13.86	5.5	ng	374443	5	14.03	1370350	20.0
Hentriacontane	15.13	6.4	ng	290107	6	15.51	903159	20.0