LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122793.D
Acq On : 18 Dec 2020 19:11
Operator : JU/CG
Sample : L5125-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DETENTION-LINE-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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122793.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	565	569	583	rBV	2348935	2212651	65.69%	9.583%
2	6.446	737	741	757	rBV	2216068	2300848	68.31%	9.965%
3	6.816	801	804	813	rBV	1030683	809697	24.04%	3.507%
4	7.381	895	900	912	rBV	1478639	1447382	42.97%	6.268%
5	8.098	1018	1022	1040	rBV	1167658	1070575	31.78%	4.637%
6	9.175	1201	1205	1208	rBV	3057579	2692076	79.92%	11.659%
7	9.569	1268	1272	1282	rBV	249011	210083	6.24%	0.910%
8	9.857	1316	1321	1324	rBV	1329486	1258612	37.37%	5.451%
9	10.645	1450	1455	1468	rBV	1880096	2045288	60.72%	8.858%
10	11.339	1569	1573	1576	rBV	1662517	1386557	41.16%	6.005%
11	11.869	1660	1663	1670	rBV3	76525	84490	2.51%	0.366%
12	12.551	1776	1779	1782	rBV	119375	98667	2.93%	0.427%
13	12.780	1813	1818	1823	rVB	108143	106870	3.17%	0.463%
14	12.927	1838	1843	1846	rBV	3624418	3368301	100.00%	14.588%
15	13.851	1993	2000	2014	rBV5	82094	295784	8.78%	1.281%
16	13.980	2017	2022	2025	rVV	1566724	1483411	44.04%	6.424%
17	14.004	2025	2026	2032	rVB	69625	50755	1.51%	0.220%
18	14.445	2097	2101	2104	rBV3	44225	47320	1.40%	0.205%
19	15.016	2194	2198	2205	rBV	34848	62335	1.85%	0.270%
20	15.080	2205	2209	2213	rVB	141895	153156	4.55%	0.663%
21	15.374	2255	2259	2264	rVB	27892	35430	1.05%	0.153%
22	15.433	2264	2269	2282	rBV	918490	1253155	37.20%	5.427%
23	15.880	2340	2345	2352	rBV	185921	260359	7.73%	1.128%
24	16.321	2413	2420	2427	rBV8	98850	356284	10.58%	1.543%

Sum of corrected areas: 23090086

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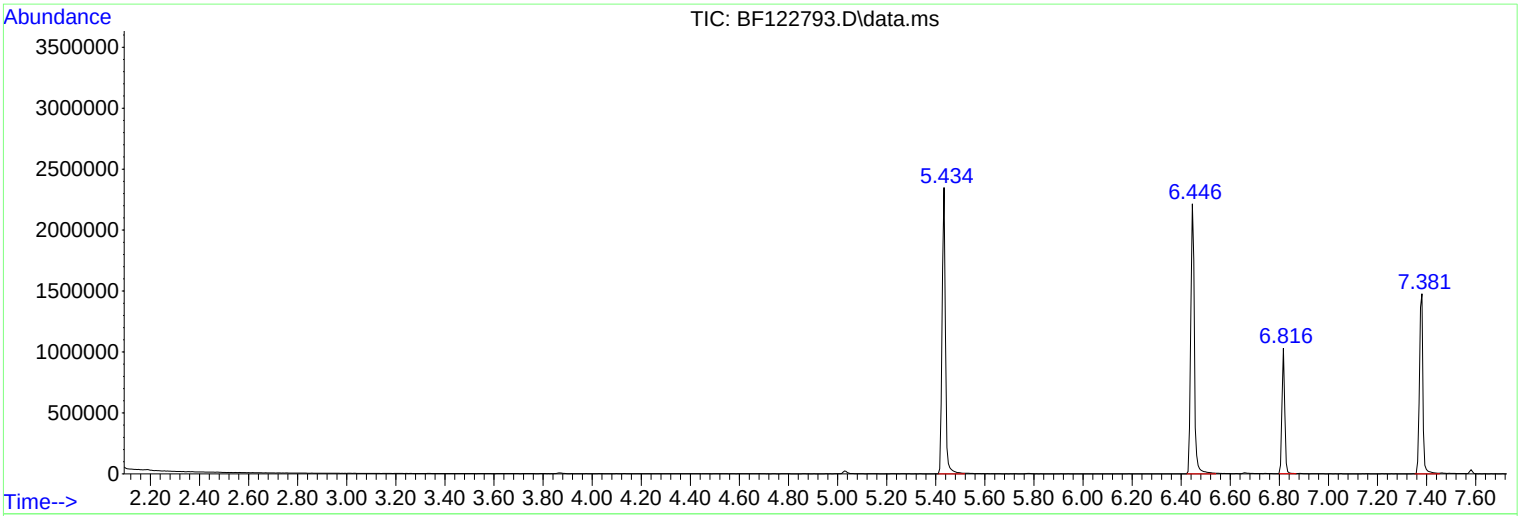
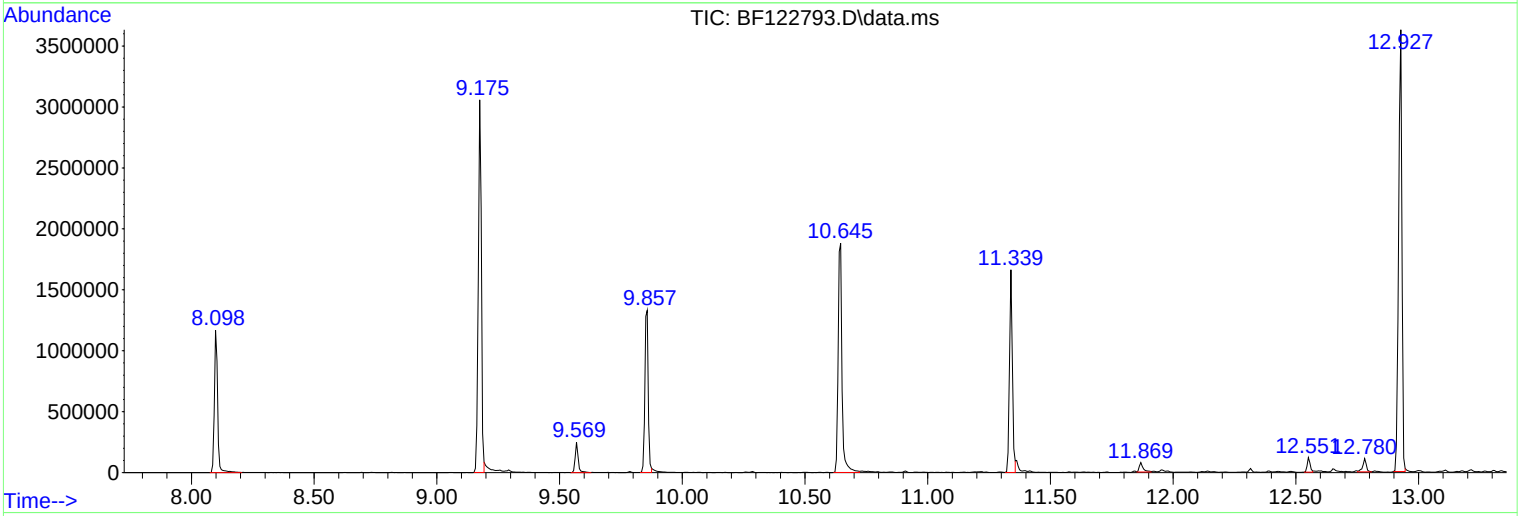
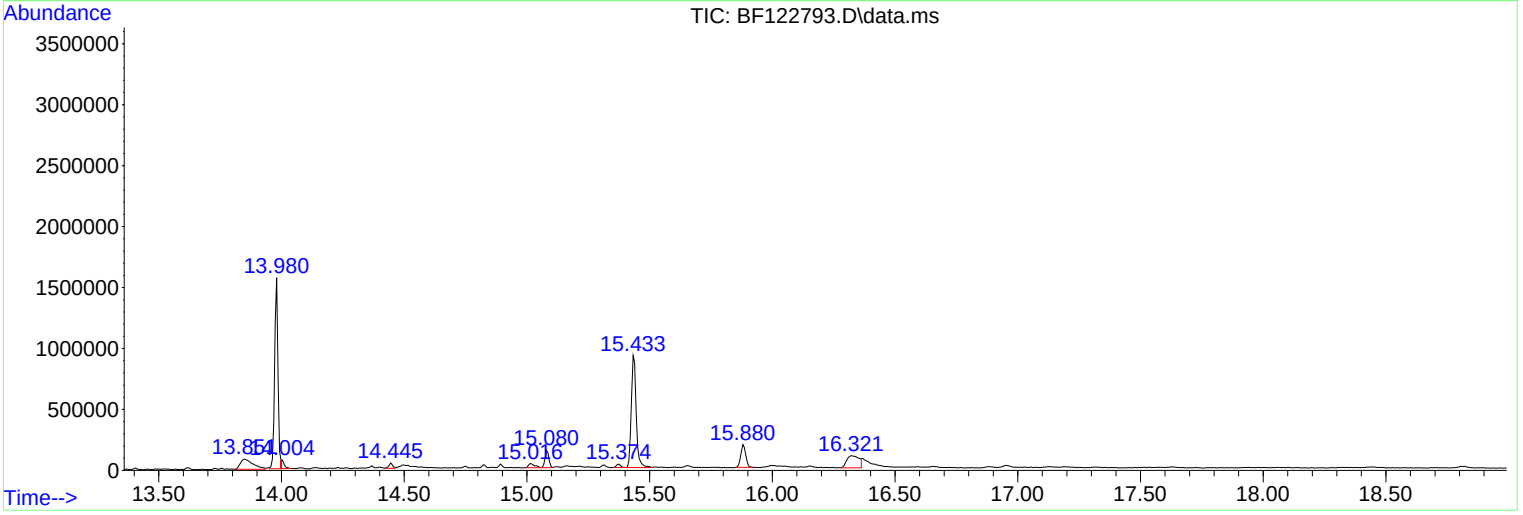
BNA_F
ClientSampleId :
DETENTION-LINE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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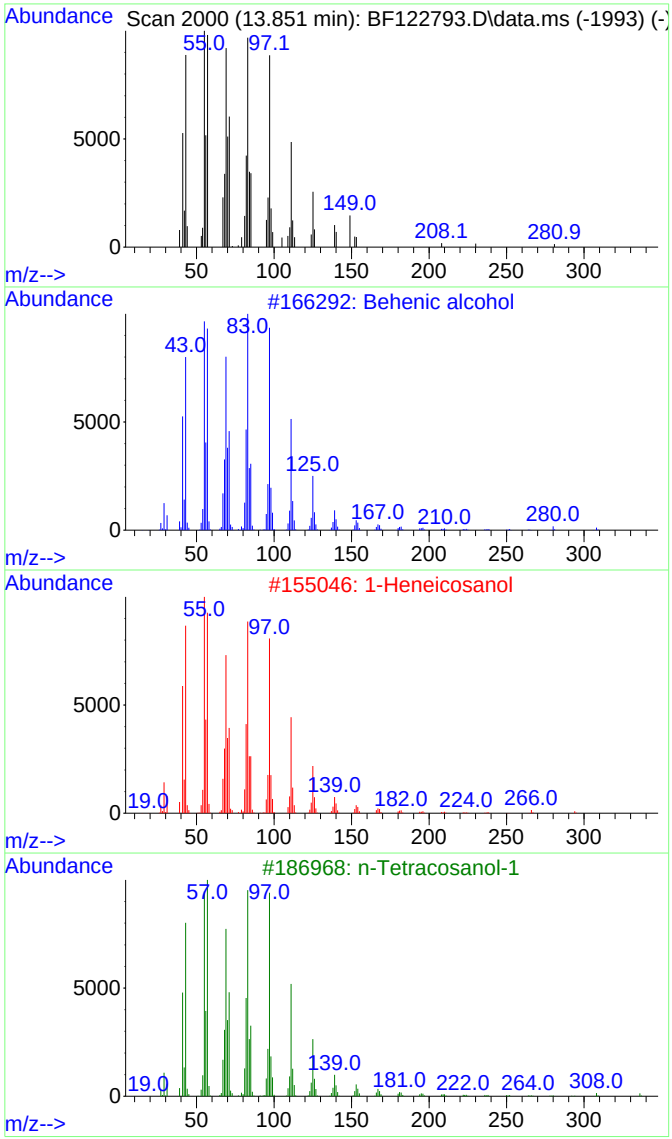
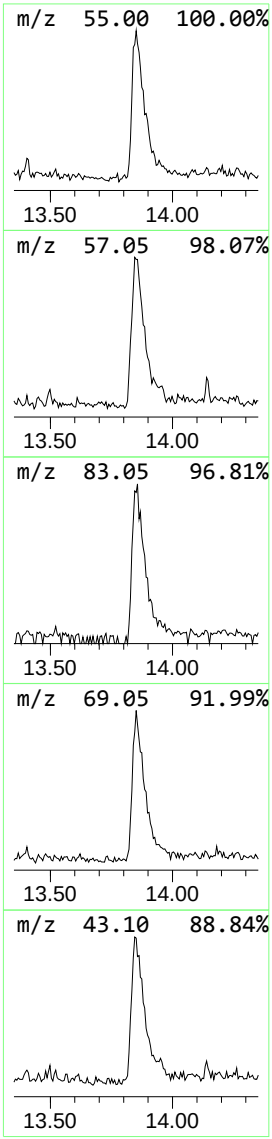
Peak Number 1 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	3.99 ng	295784	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Octadecanol	270	C18H38O	000112-92-5	94





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Data File : BF122793.D
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Sample : L5125-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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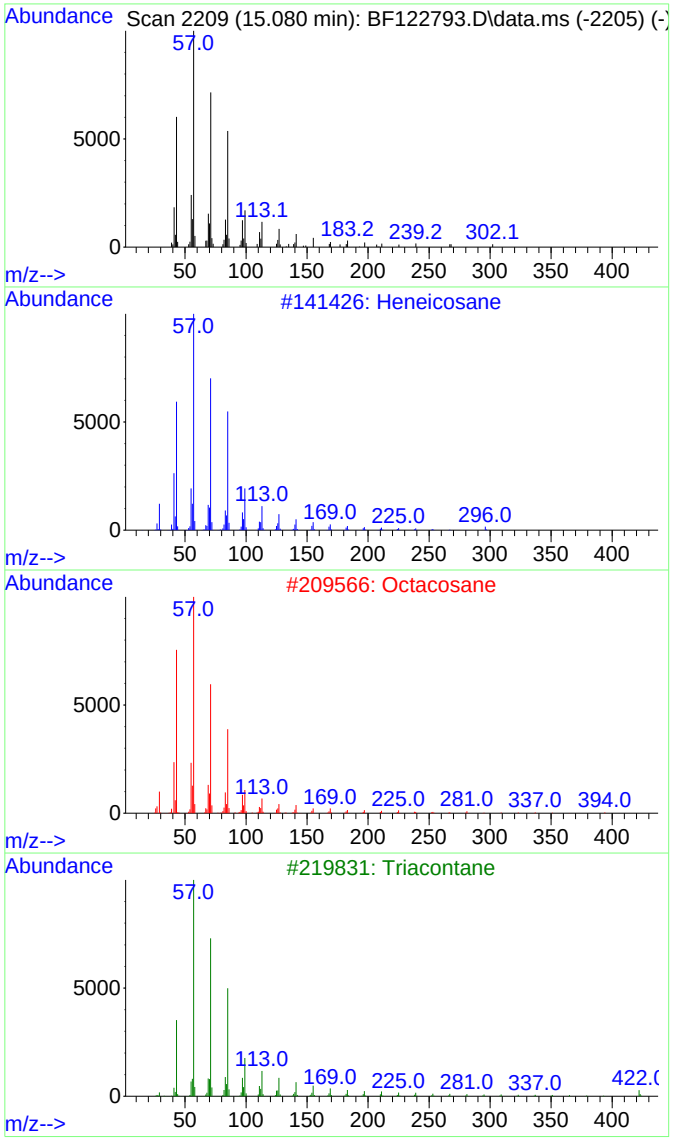
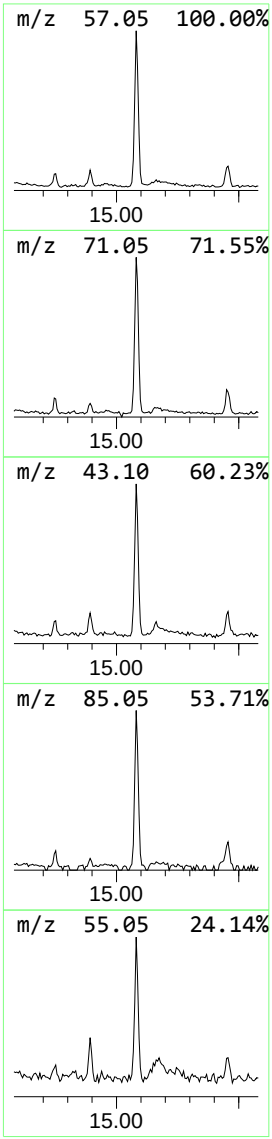
Peak Number 2 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	2.44 ng	153156	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122793.D
Acq On : 18 Dec 2020 19:11
Operator : JU/CG
Sample : L5125-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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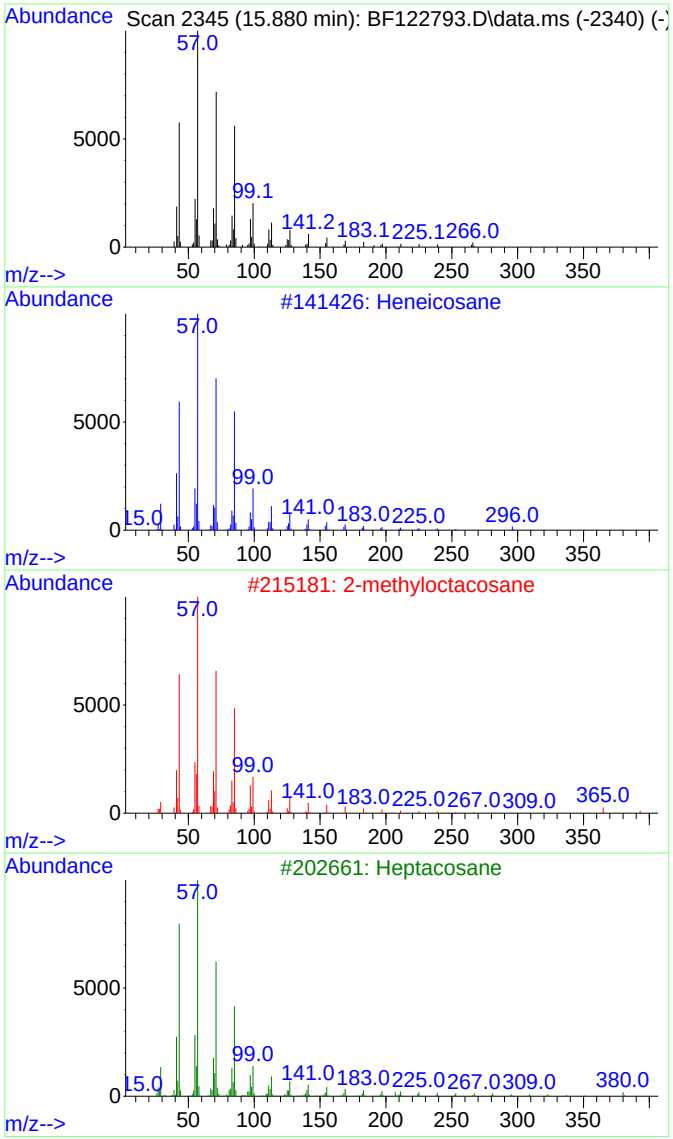
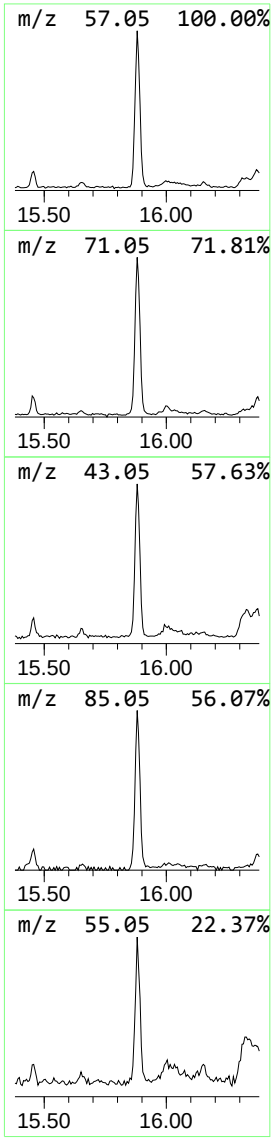
Peak Number 3 2-methyloctacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.880	4.16 ng	260359	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Data File : BF122793.D
Acq On : 18 Dec 2020 19:11
Operator : JU/CG
Sample : L5125-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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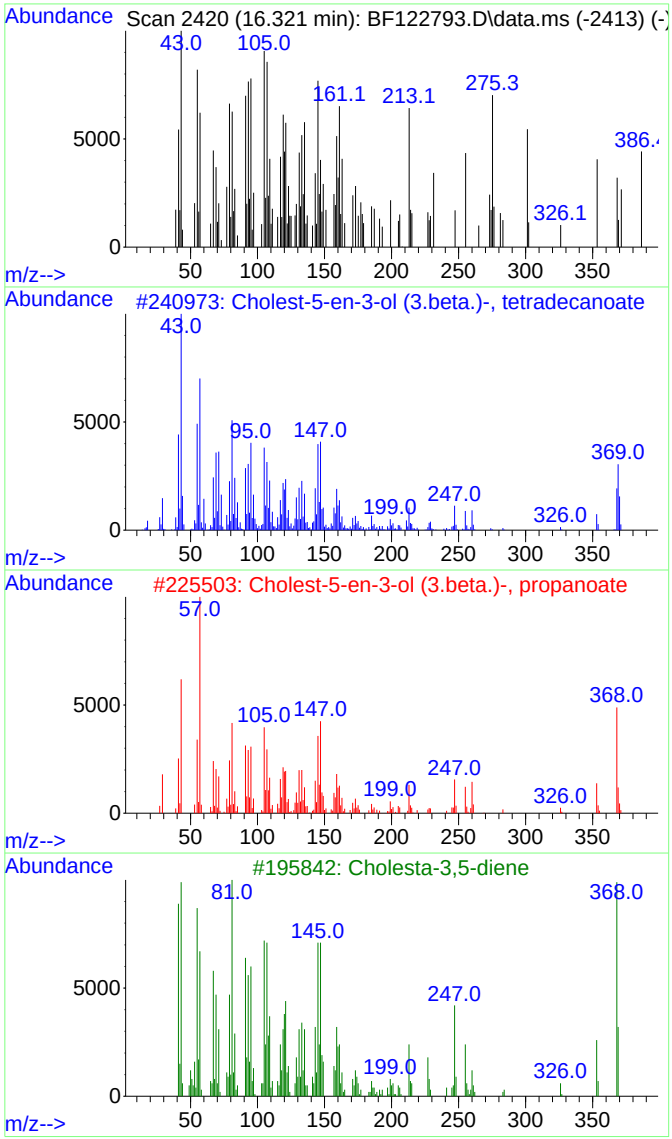
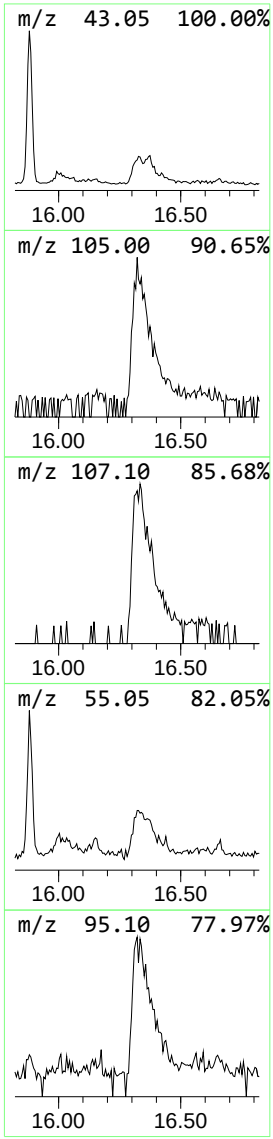
Peak Number 4 unknown16.321 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.321	5.69 ng	356284	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-en-3-ol (3.beta.)-, te...	597	C41H72O2	001989-52-2	43
2	Cholest-5-en-3-ol (3.beta.)-, pr...	442	C30H50O2	000633-31-8	38
3	Cholesta-3,5-diene	368	C27H44	000747-90-0	37
4	3,16-Dihydroxy-bisnor-5-cholenic...	344	C22H32O3	1000252-00-1	27
5	Cholesteryl benzoate	490	C34H50O2	000604-32-0	25





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : DETENTION-LINE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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
Behenic alcohol	13.851	4.0	ng	295784	5	13.980	1483410	20.0
Heneicosane	15.080	2.4	ng	153156	6	15.433	1253160	20.0
2-methyloctacosane	15.880	4.2	ng	260359	6	15.433	1253160	20.0
unknown16.321	16.321	5.7	ng	356284	6	15.433	1253160	20.0