LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127672.D
Acq On : 07 Apr 2022 02:53
Operator : CG\JU
Sample : N2263-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.387	10	17	23	rVB2	39673	57599	2.25%	0.277%
2	3.152	139	147	155	rVB2	20843	35976	1.40%	0.173%
3	3.510	205	208	214	rBV	20716	31353	1.22%	0.151%
4	5.193	488	494	500	rVB	43703	51437	2.01%	0.247%
5	5.575	554	559	562	rBV	2401565	2223590	86.78%	10.677%
6	6.575	723	729	732	rBV	2283606	2284105	89.14%	10.967%
7	6.963	791	795	798	rBV	760388	581011	22.67%	2.790%
8	7.522	886	890	893	rBV	1627186	1487254	58.04%	7.141%
9	8.139	992	995	1000	rBV	44769	38521	1.50%	0.185%
10	8.245	1010	1013	1016	rBV	957127	735720	28.71%	3.533%
11	9.322	1192	1196	1200	rBV	2809582	2562471	100.00%	12.304%
12	10.010	1309	1313	1316	rVB	962661	857528	33.46%	4.117%
13	10.316	1362	1365	1369	rBV2	46522	64118	2.50%	0.308%
14	10.428	1378	1384	1387	rVB3	44086	67062	2.62%	0.322%
15	10.651	1417	1422	1425	rBV	33733	42005	1.64%	0.202%
16	10.798	1443	1447	1450	rBV	1970874	1713543	66.87%	8.228%
17	10.916	1463	1467	1470	rVB2	60130	92324	3.60%	0.443%
18	11.357	1538	1542	1544	rBV2	56646	54212	2.12%	0.260%
19	11.386	1544	1547	1553	rVB3	53358	64359	2.51%	0.309%
20	11.498	1563	1566	1569	rBV	1060421	930208	36.30%	4.466%
21	11.522	1569	1570	1574	rVV	146383	104637	4.08%	0.502%
22	11.575	1577	1579	1582	rVB	48714	37661	1.47%	0.181%
23	11.663	1591	1594	1599	rBV3	26803	39132	1.53%	0.188%
24	11.727	1603	1605	1609	rVV3	29804	37092	1.45%	0.178%
25	11.786	1612	1615	1618	rVB	37853	36827	1.44%	0.177%
26	12.016	1649	1654	1659	rBV4	73752	121499	4.74%	0.583%
27	12.116	1668	1671	1673	rBV2	31629	32572	1.27%	0.156%
28	12.198	1682	1685	1689	rVB	41152	35067	1.37%	0.168%
29	12.586	1749	1751	1755	rVB2	47501	38813	1.51%	0.186%
30	12.727	1772	1775	1779	rBV	234257	221772	8.65%	1.065%
31	12.951	1807	1813	1817	rBV	229874	266417	10.40%	1.279%
32	13.092	1833	1837	1840	rBV	2858106	2469766	96.38%	11.859%
33	13.227	1857	1860	1863	rBV	212040	177093	6.91%	0.850%
34	13.274	1866	1868	1872	rVB2	44430	37623	1.47%	0.181%
35	13.986	1986	1989	1996	rBV	134679	171087	6.68%	0.821%
36	14.151	2010	2017	2019	rBV	833118	881925	34.42%	4.235%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127672.D
Acq On : 07 Apr 2022 02:53
Operator : CG\JU
Sample : N2263-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.174	2019	2021	2025	rVB	100679	82830	3.23%	0.398%
38	14.245	2031	2033	2038	rVB2	51780	68042	2.66%	0.327%
39	14.433	2063	2065	2069	rVB3	49761	43336	1.69%	0.208%
40	14.621	2094	2097	2102	rVB3	43306	67465	2.63%	0.324%
41	15.215	2195	2198	2207	rVB2	76967	161850	6.32%	0.777%
42	15.298	2210	2212	2216	rVB2	44414	50260	1.96%	0.241%
43	15.539	2250	2253	2260	rVB	52000	72111	2.81%	0.346%
44	15.604	2261	2264	2271	rVB	54075	67014	2.62%	0.322%
45	15.680	2271	2277	2280	rBV	573630	746348	29.13%	3.584%
46	16.186	2359	2363	2369	rBV2	30831	51437	2.01%	0.247%
47	16.909	2482	2486	2495	rVB9	25213	48376	1.89%	0.232%
48	17.445	2572	2577	2583	rBV10	29879	61069	2.38%	0.293%
49	17.980	2660	2668	2679	rVB10	95435	266614	10.40%	1.280%
50	18.251	2707	2714	2731	rVB5	123071	356773	13.92%	1.713%

Sum of corrected areas: 20826904

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Instrument :
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ClientSampleId :
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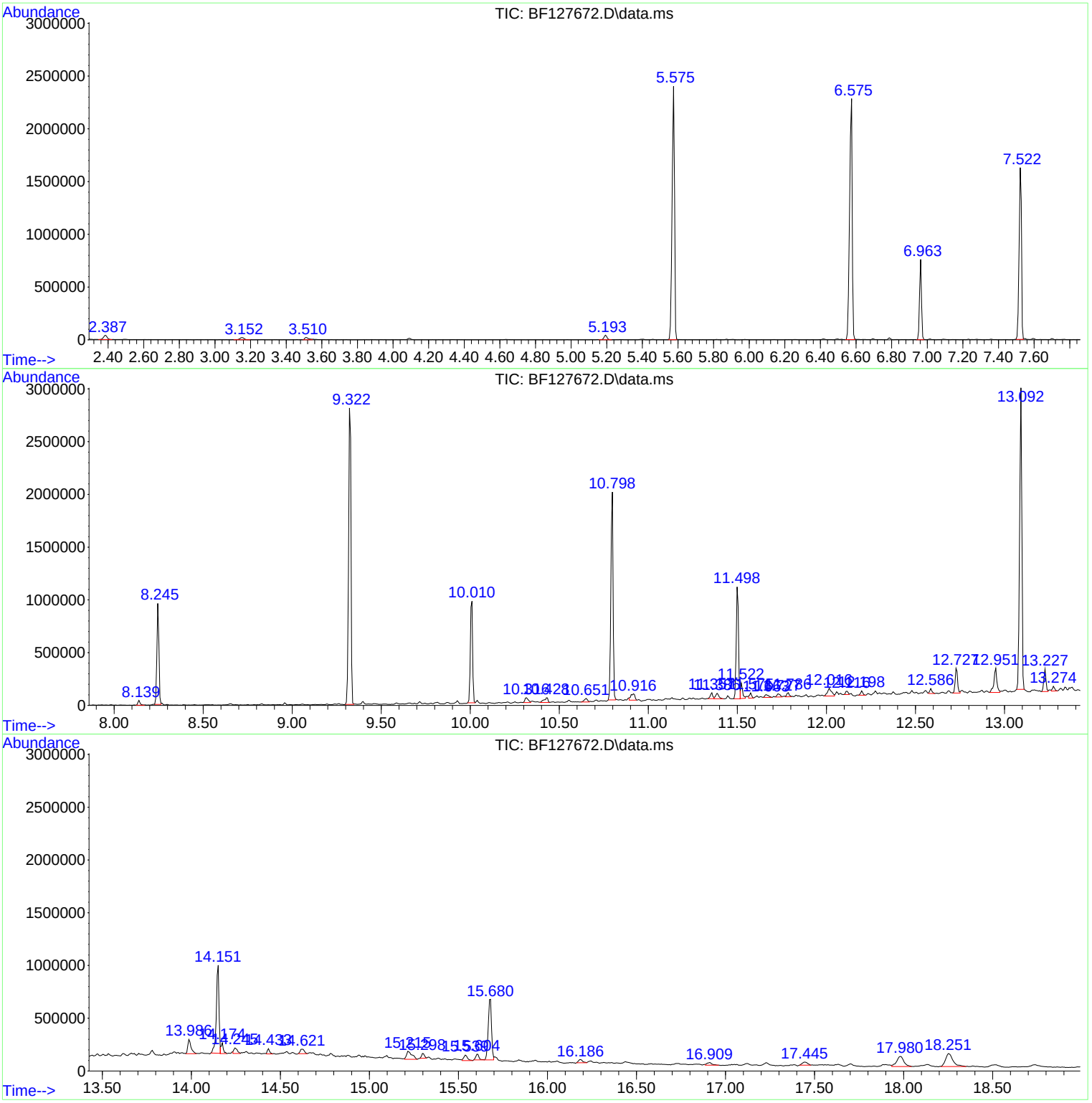
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127672.D
Acq On : 07 Apr 2022 02:53
Operator : CG\JU
Sample : N2263-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

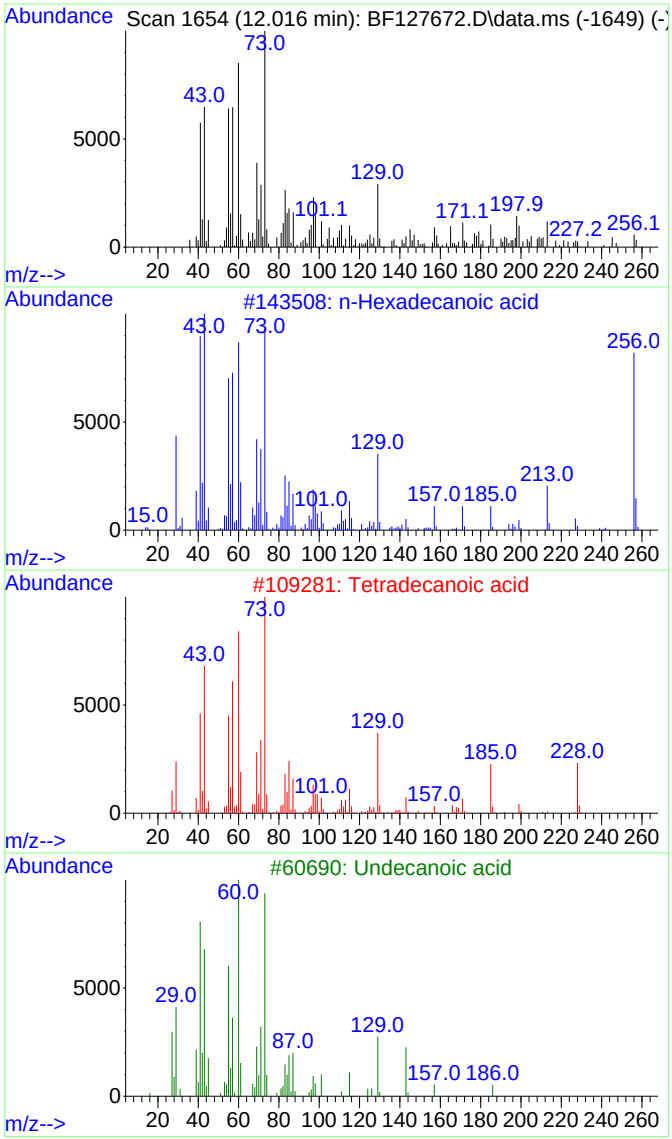
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

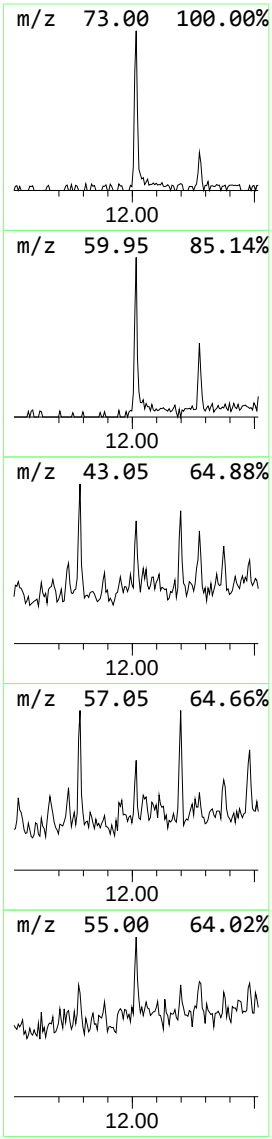
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	2.61 ng	121499	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Undecanoic acid	186	C11H22O2	000112-37-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Lactose	342	C12H22O11	000063-42-3	52





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

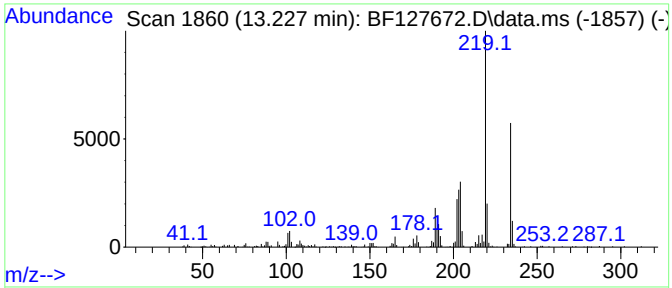
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

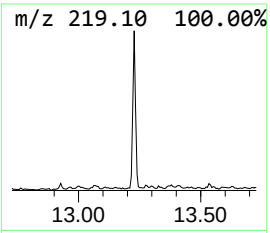
****

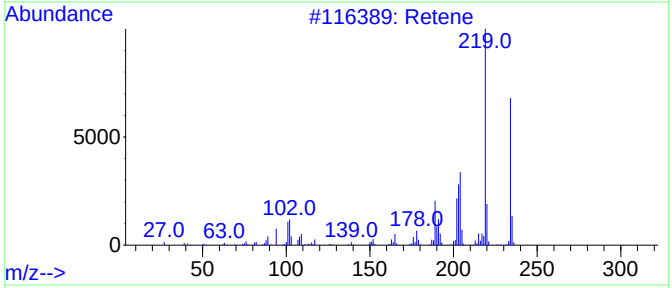
Peak Number 2 Retene Concentration Rank 3

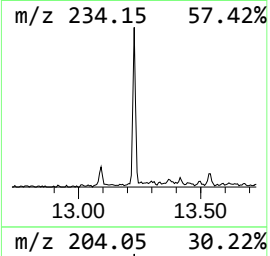
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	4.02 ng	177093	Chrysene-d12	14.151

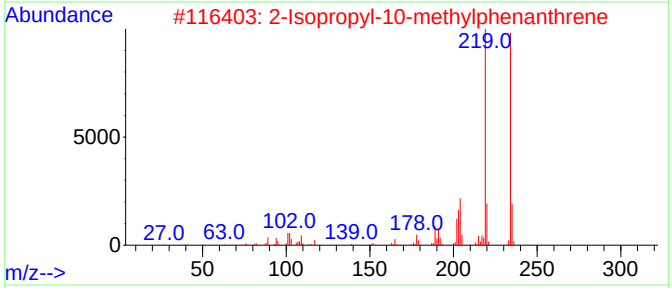
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	97
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	2,6-Diisopropylphenyl isothiocya...	219	C13H17NS	025343-70-8	89
4	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	78
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	62

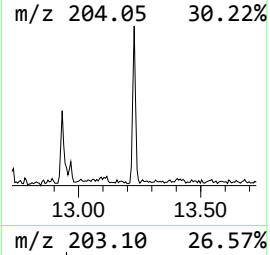


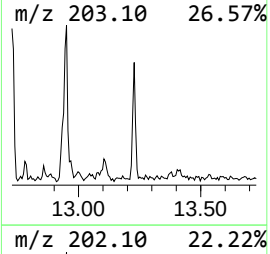


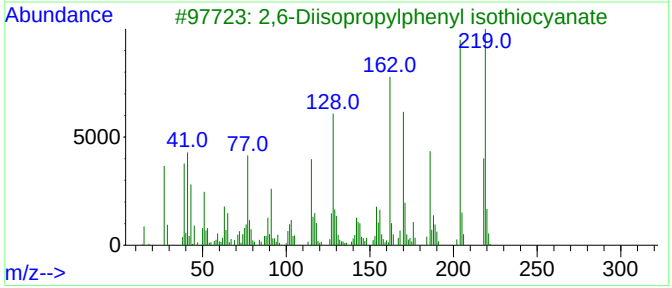


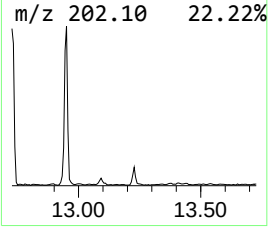












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127672.D
Acq On : 07 Apr 2022 02:53
Operator : CG\JU
Sample : N2263-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

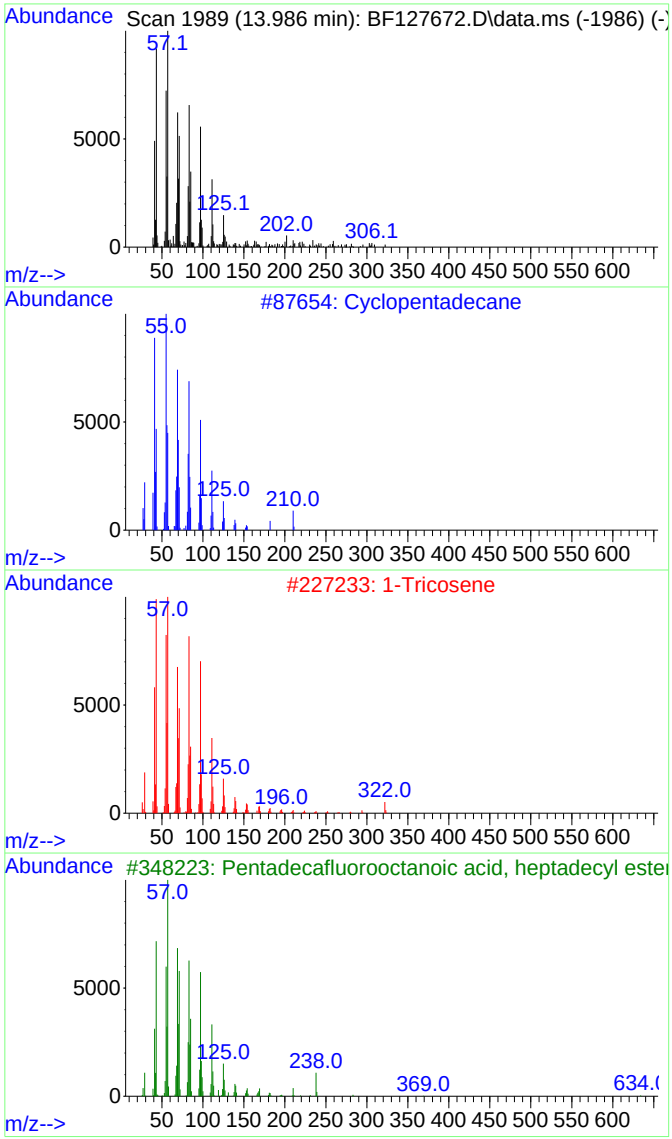
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

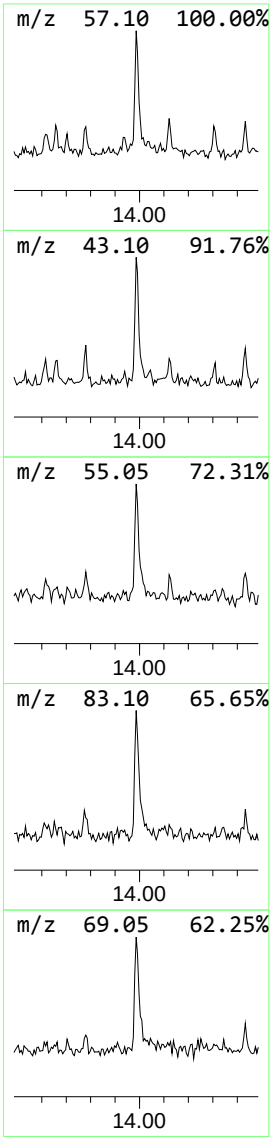
****

Peak Number 3 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	3.88 ng	171087	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	1-Tricosene	322	C23H46	018835-32-0	95
3	Pentadecafluorooctanoic acid, he...	652	C25H35F15O2	1000406-04-7	94
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	91





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Instrument :
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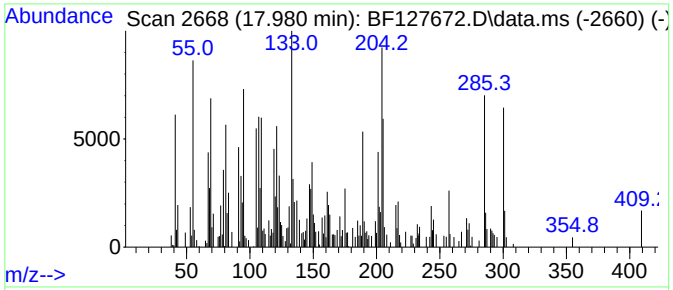
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

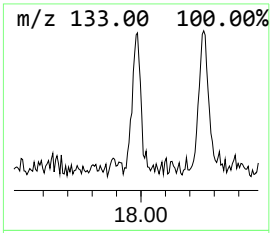
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

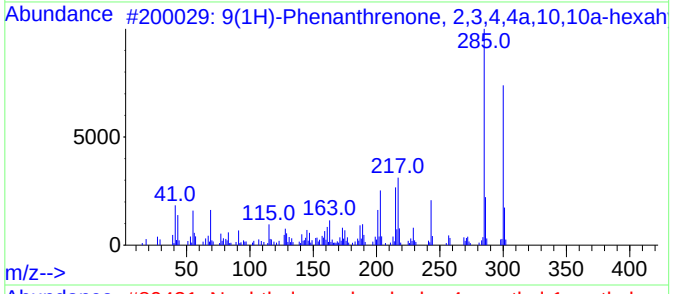
****
Peak Number 4 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 2

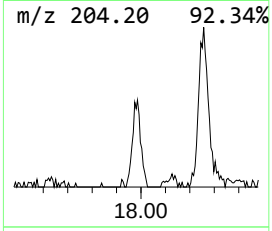
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	7.14 ng	266614	Perylene-d12	15.680

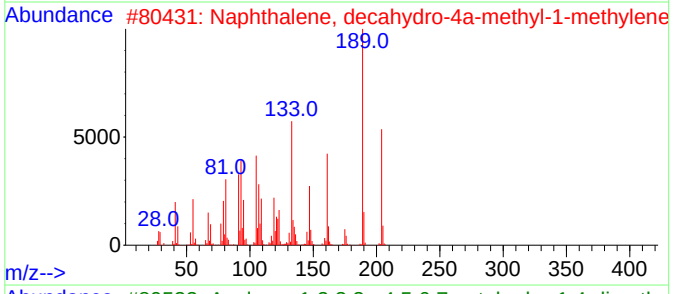
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	56
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	46
3	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	46
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	45
5	Aromandendrene	204	C15H24	000489-39-4	38

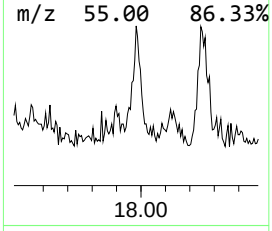


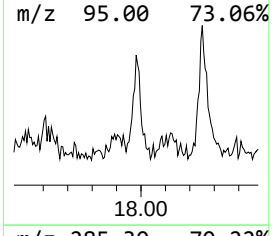


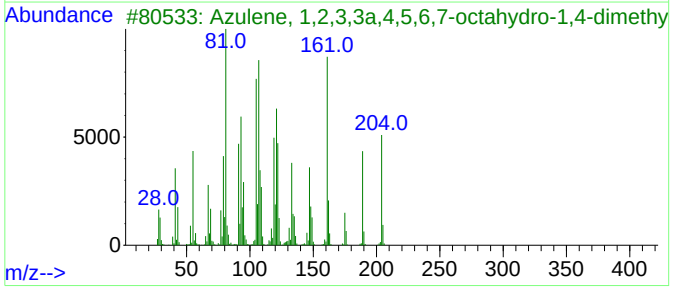


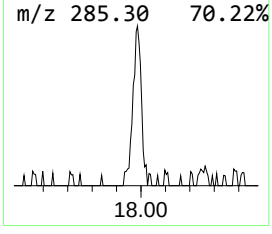












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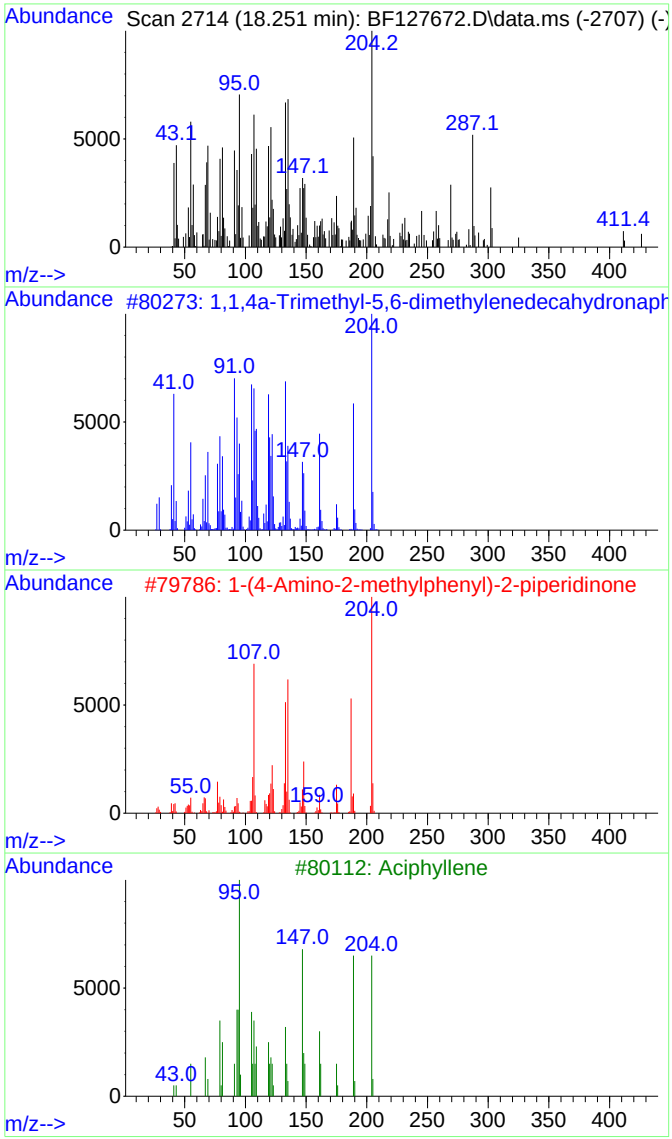
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

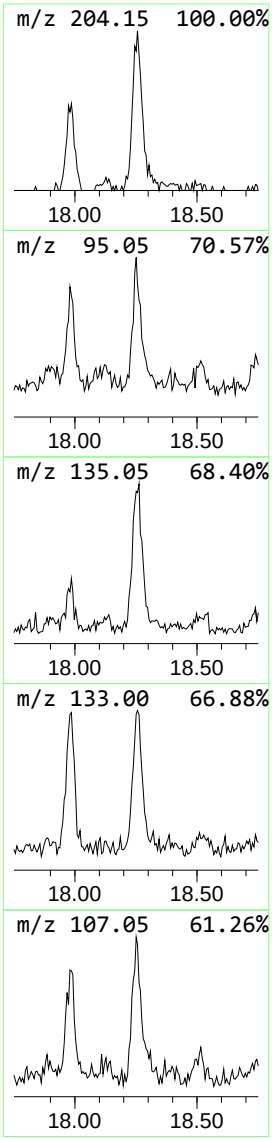
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	9.56 ng	356773	Perylene-d12	15.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	86
2	1-(4-Amino-2-methylphenyl)-2-pip...	204	C12H16N2O	443999-53-9	64
3	Aciphyllene	204	C15H24	087745-31-1	55
4	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	52
5	.delta.8(14)-Isopimaric acid	302	C20H30O2	000471-74-9	51





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	12.016	2.6	ng	121499	4	11.498	930208	20.0
Retene	13.227	4.0	ng	177093	5	14.151	881925	20.0
Cyclopentadecane	13.986	3.9	ng	171087	5	14.151	881925	20.0
9(1H)-Phenanthr...	17.980	7.1	ng	266614	6	15.680	746348	20.0
1,1,4a-Trimethy...	18.251	9.6	ng	356773	6	15.680	746348	20.0