LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141333.D
Acq On : 31 Jan 2025 15:39
Operator : RC/JU
Sample : Q1205-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-236

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	4	9	19	rVB	49713	80033	3.02%	0.330%
2	4.998	484	494	503	rBV2	30658	56362	2.13%	0.232%
3	5.404	557	563	582	rBV	1748502	2371918	89.50%	9.770%
4	6.422	730	736	757	rBV	1824049	2443971	92.22%	10.066%
5	6.798	795	800	805	rBV	735936	908804	34.29%	3.743%
6	7.357	889	895	900	rBV	1216939	1551570	58.55%	6.391%
7	7.616	934	939	949	rBV	67007	89117	3.36%	0.367%
8	8.081	1012	1018	1027	rBV2	974761	1687012	63.66%	6.949%
9	8.298	1051	1055	1062	rBV	26052	34579	1.30%	0.142%
10	8.792	1134	1139	1145	rBV	105160	134914	5.09%	0.556%
11	8.886	1151	1155	1163	rVB	55033	71968	2.72%	0.296%
12	9.151	1195	1200	1210	rBV	2017416	2650179	100.00%	10.916%
13	9.251	1210	1217	1224	rVB2	26853	49018	1.85%	0.202%
14	9.416	1240	1245	1253	rBV	17752	28100	1.06%	0.116%
15	9.492	1253	1258	1260	rBV	22554	30524	1.15%	0.126%
16	9.833	1310	1316	1320	rBV	1097508	1402774	52.93%	5.778%
17	9.863	1320	1321	1326	rVB	133980	120695	4.55%	0.497%
18	10.039	1346	1351	1356	rBV	70800	91738	3.46%	0.378%
19	10.380	1405	1409	1414	rVB	78618	95515	3.60%	0.393%
20	10.545	1432	1437	1445	rVB	415587	539794	20.37%	2.223%
21	10.622	1445	1450	1464	rVV	1196794	1566435	59.11%	6.452%
22	10.745	1466	1471	1480	rVB6	13446	28240	1.07%	0.116%
23	10.857	1486	1490	1496	rVB	24978	30780	1.16%	0.127%
24	11.322	1564	1569	1577	rBV2	976917	1463278	55.21%	6.027%
25	11.392	1577	1581	1585	rVB2	23700	36207	1.37%	0.149%
26	11.822	1650	1654	1655	rBV2	22353	26519	1.00%	0.109%
27	11.857	1655	1660	1670	rVV	398754	638755	24.10%	2.631%
28	11.933	1670	1673	1682	rVB3	28508	61035	2.30%	0.251%
29	12.104	1698	1702	1712	rVB3	53956	85643	3.23%	0.353%
30	12.533	1770	1775	1779	rBV	126659	172153	6.50%	0.709%
31	12.639	1789	1793	1806	rBV2	70246	137726	5.20%	0.567%
32	12.763	1807	1814	1819	rVV	95839	154135	5.82%	0.635%
33	12.810	1819	1822	1830	rVB2	24218	33636	1.27%	0.139%
34	12.910	1833	1839	1847	rVB	1678254	2139783	80.74%	8.813%
35	13.092	1863	1870	1874	rVB2	17595	35705	1.35%	0.147%
36	13.910	2001	2009	2011	rVV6	31024	89431	3.37%	0.368%

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Misc :
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Instrument : BNA_F
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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.963	2011	2018	2033	rVB2	865359	1565690	59.08%	6.449%
38	14.451	2098	2101	2105	rBV2	26139	36583	1.38%	0.151%
39	14.615	2125	2129	2133	rBV	37302	47480	1.79%	0.196%
40	14.839	2163	2167	2173	rVB4	19557	30352	1.15%	0.125%
41	15.010	2191	2196	2206	rBV	80001	181996	6.87%	0.750%
42	15.098	2207	2211	2218	rVB2	47319	83373	3.15%	0.343%
43	15.304	2242	2246	2252	rVB	42272	65861	2.49%	0.271%
44	15.368	2253	2257	2262	rVV	36418	55476	2.09%	0.228%
45	15.433	2262	2268	2284	rVB	529181	886574	33.45%	3.652%
46	15.910	2344	2349	2359	rBV	47476	88136	3.33%	0.363%
47	16.698	2479	2483	2496	rVB6	28019	66241	2.50%	0.273%
48	16.874	2509	2513	2522	rVB3	14428	32742	1.24%	0.135%

Sum of corrected areas: 24278550

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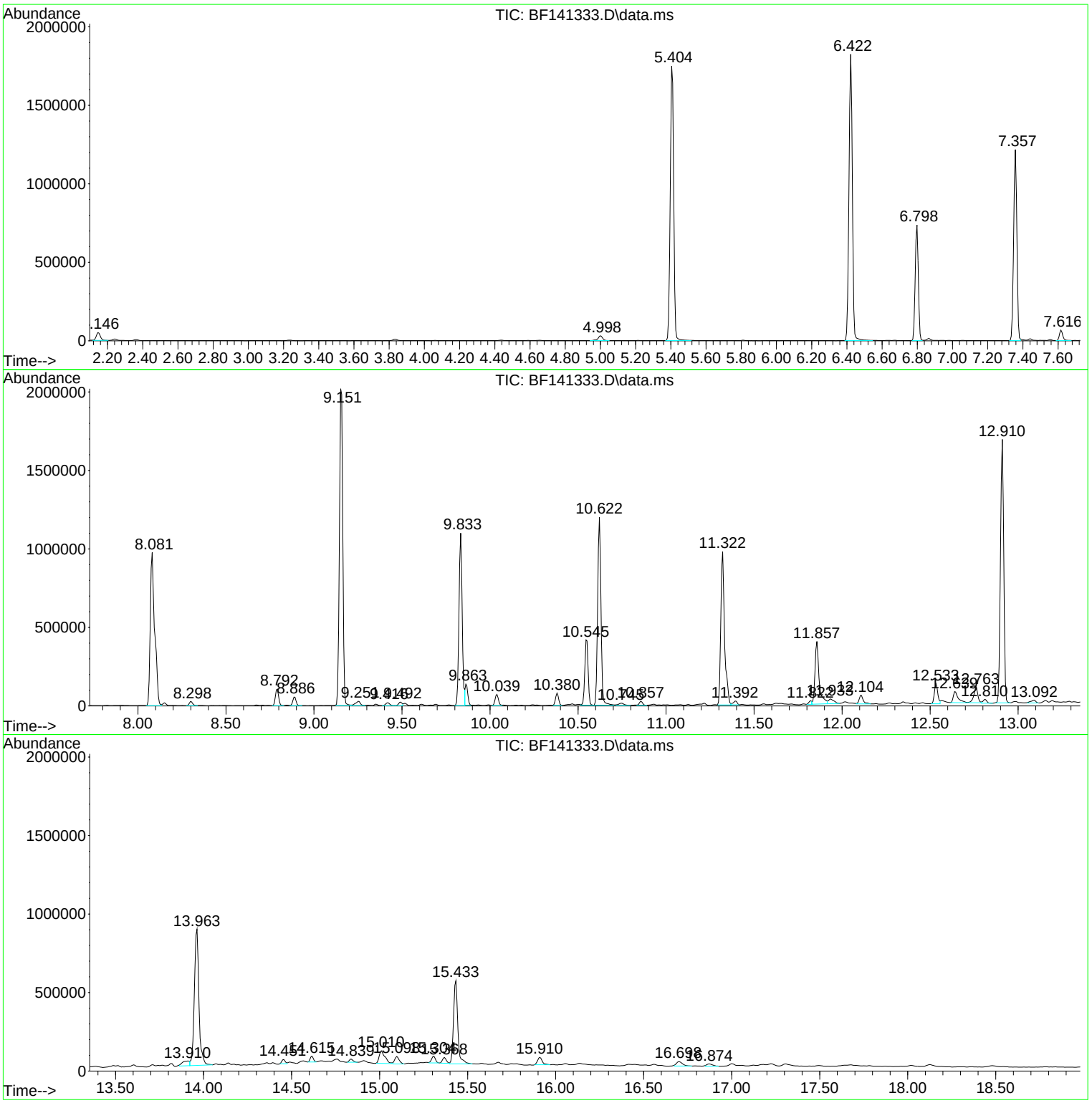
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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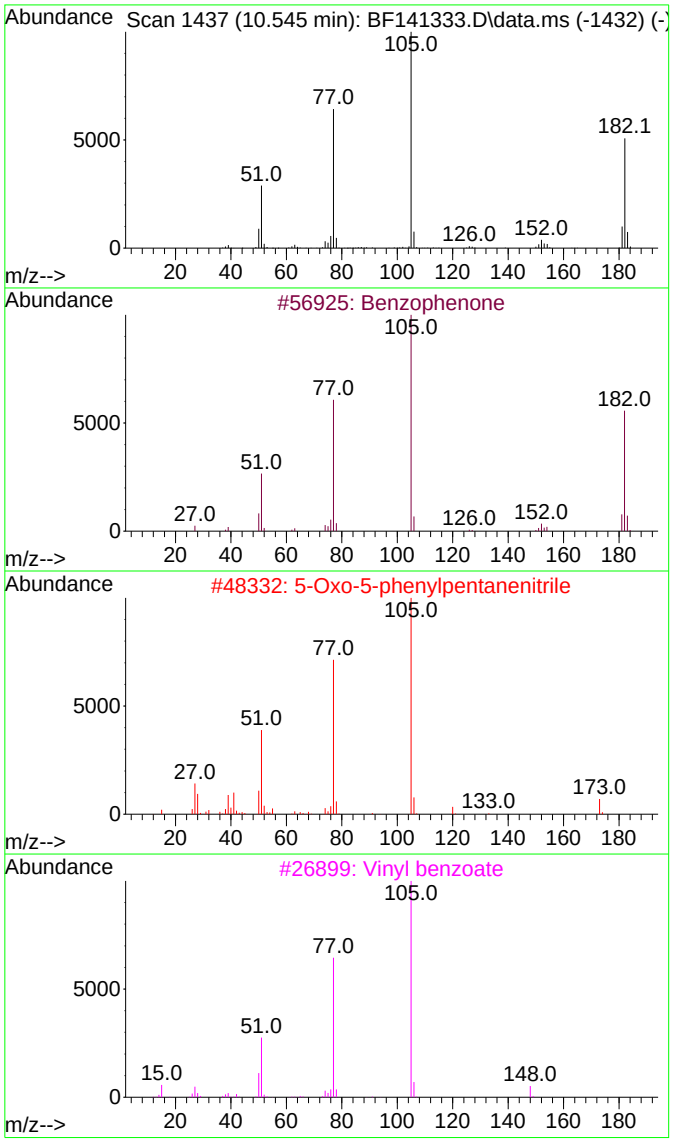
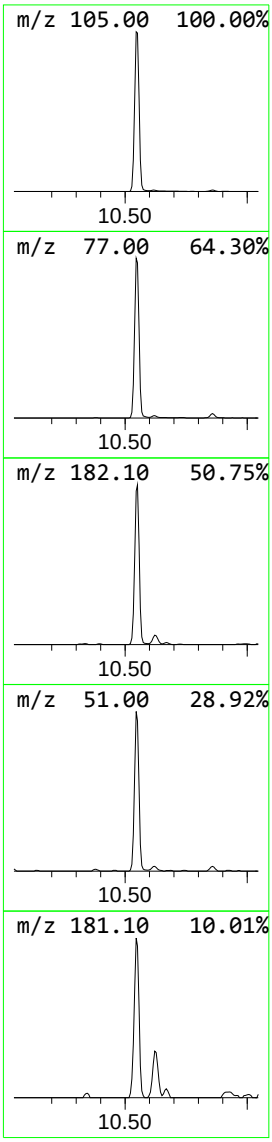
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	7.70 ng	539794	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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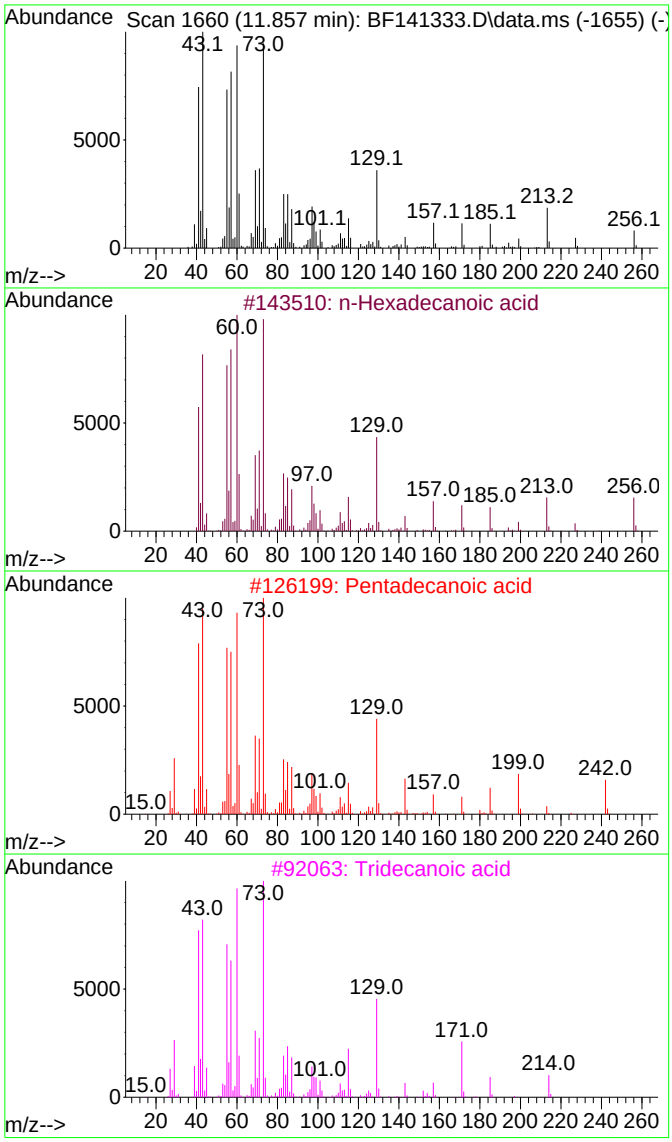
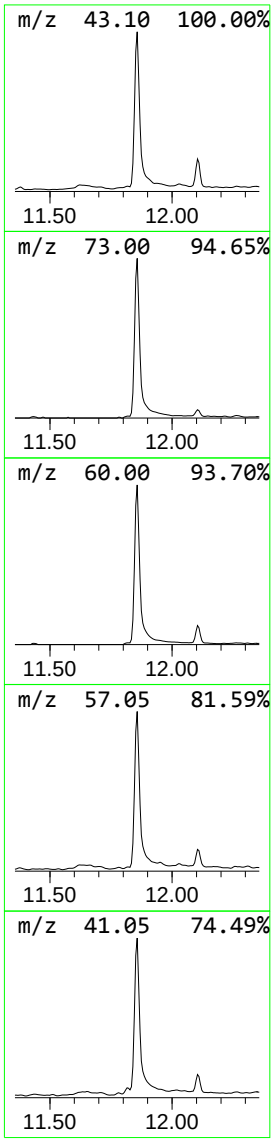
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	8.73 ng	638755	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	78





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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
Benzophenone	10.545	7.7	ng	539794	3	9.833	1402770	20.0
n-Hexadecanoic ...	11.857	8.7	ng	638755	4	11.322	1463280	20.0